TELANGANA POWER GENERATION CORPORATION LIMITED

(A Govt. of Telangana Undertaking)

Annual Tariff Petition for FY 2026-27

(True-up for FY 2024-25 and Proposal of Revised Tariff for FY: 2026-27)

Volume- 2 of 5

November, 2025

TELANGANA POWER GENERATION CORPORATION LIMITED

(A Govt. of Telangana Undertaking)

Annual Tariff Petition for FY 2026-27

(True-up for FY 2024-25 and Proposal of Revised Tariff for FY: 2026-27)

Thermal Stations TGERC Formats and Supporting Documents

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<KTPS-V>
Tariff Filing Formats - Generation
Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

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Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
				Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal	
A	**Annual Fixed Charges**										
1	Operation & Maintenance Expen	Rs. Crore	Form 2	206.99	285.65	285.65	218.71	299.98	230.98	312.97	
2	Depreciation	Rs. Crore	Form 4	1.44	29.19	29.19	1.44	30.50	1.44	34.56	
3	Interest and finance charges on I	Rs. Crore	Form 5	0.23	0.00	0.00	0.38	0.00	0.24	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	33.74	36.45	36.45	34.46	36.28	34.71	34.49	
5	Return on Equity	Rs. Crore	Form 7	104.80	141.36	141.36	141.46	141.66	141.46	142.36	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	15.22	8.35	8.35	15.83	9.07	16.46	9.44	
7	**Annual Fixed Charges**	**Rs. Crore**		331.98	484.30	484.30	380.62	499.35	392.37	514.94	
B	**Energy Charges**										
1	Energy Charge Rate	Rs./kWh	Form 12	4.292	4.070	4.070	4.077	4.077	3.737	3.737	
2	Scheduled Energy (ex-bus)	MU	Form 10	2568.95	2568.95	2568.95	2921.38	2921.38	3378.12	3378.12	
3	Energy Charges	Rs. Crore		1102.67	1045.67	1045.67	1191.05	1191.05	1262.40	1262.40	
C	**AFC +Energy Charges**	Rs. Crore		1434.65	1529.97	1529.97	1571.67	1690.40	1654.77	1777.34	

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Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
			Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Employee Expenses	Form 2.1		239.06	239.06		250.46		260.47
2	A&G Expenses	Form 2.2		13.33	13.33		14.23		15.09
3	R & M Expenses	Form 2.3		33.26	33.26		35.29		37.41
4	Total O&M Expenses		**206.99**	**285.65**	**285.65**	**218.71**	**299.98**	**230.98**	**312.97**

Note:

1 The projections for the Control Period to be supported by detailed computations

KTPS-V

Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Basic Salary	123.54	129.35	134.53
2	Dearness Allowance (DA)	16.11	16.86	17.54
3	House Rent Allowance	9.28	9.91	10.30
4	Conveyance Allowance	1.24	1.31	1.36
5	Leave Travel Allowance	-	-	-
6	Earned Leave Encashment	15.35	15.89	16.53
7	Other Allowances	24.78	26.02	27.07
8	Medical Reimbursement	0.48	0.42	0.44
9	Overtime Payment	-	-	-
10	Bonus/Ex-Gratia Payments	-	-	-
11	Interim Relief / Wage Revision	0.00	0.00	0.00
12	Staff welfare expenses	2.60	2.74	2.85
13	VRS Expenses/Retrenchment Compensation	-	-	-
14	Commission to Directors	-	-	-
15	Training Expenses	-	-	-
16	Payment under Workmen's Compensation Ac	-	-	-
17	Net Employee Costs	**193.38**	**202.51**	**210.61**
18	Terminal Benefits	-	-	-
18.1	Provident Fund Contribution	-	-	-
18.2	Provision for PF Fund	13.53	14.25	14.82
18.3	Pension Payments	-	-	-
18.4	Gratuity Payment	32.15	33.69	35.04
19	Unfunded past liabilities of pension & gratuity	-	-	-
20	Others	-	-	-
21	**Gross Employee Expenses**	**239.06**	**250.46**	**260.47**
22	Less: Expenses Capitalised			
23	**Net Employee Expenses**	**239.06**	**250.46**	**260.47**

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Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Rent Rates & Taxes	2.18	2.33	2.47
2	Insurance	-	-	-
3	Telephone & Postage, etc.	0.08	0.08	0.09
4	Legal charges & Audit fee	0.21	0.23	0.24
5	Professional, Consultancy, Technical fee	0.02	0.02	0.02
6	Conveyance & Travel	0.05	0.05	0.06
7	Electricity charges	0.95	0.91	0.97
8	Water charges	0.00	0.00	0.00
9	Security arrangements	6.68	7.19	7.62
10	Fees & subscription	0.29	0.31	0.33
11	Books & periodicals	0.00	0.00	0.00
12	Computer Stationery	-	-	-
13	Printing & Stationery	0.02	0.02	0.02
14	Advertisements	0.09	0.09	0.10
15	Purchase Related Advertisement Expenses	-	-	-
16	Contribution/Donations	-	-	-
17	License Fee and other related fee	-	-	-
18	Vehicle Running Expenses Truck / Delivery Van	0.04	0.04	0.04
19	Vehicle Hiring Expenses Truck / Delivery Van	1.35	1.43	1.52
20	Cost of services procured	-	-	-
21	Outsourcing of metering and billing system	-	-	-
22	Freight On Capital Equipments	0.02	0.02	0.02
23	V-sat, Internet and related charges	-	-	-
24	Training	0.04	0.04	0.05
25	Bank Charges	-	-	-
26	Miscellaneous Expenses	-	-	-
27	Office Expenses	0.02	0.02	0.02
28	Others	1.31	1.44	1.53
29	**Gross A &G Expenses**	**13.33**	**14.23**	**15.09**
30	Less: Expenses Capitalised			
31	**Net A &G Expenses**	**13.33**	**14.23**	**15.09**

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Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Plant & Machinery	28.99	30.78	32.63
2	Buildings	2.99	3.17	3.36
3	Civil Works	-	-	-
4	Hydraulic Works	0.01	0.01	0.01
5	Lines & Cable Networks	0.98	1.04	1.10
6	Vehicles	0.01	0.01	0.01
7	Furniture & Fixtures	-	-	-
8	Office Equipment	0.27	0.28	0.31
9	**Gross R&M Expenses**	**33.26**	**35.29**	**37.41**
10	Gross Fixed Assets at beginning of year	**2270.04**	**2281.59**	**2281.59**
11	R&M Expenses as % of GFA at beginning of year	**1.47%**	**1.55%**	**1.64%**

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Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	Opening Capital Works in Progress					0.00		0.00
2	Capital Expenditure during the year	8	11.55	11.55				27.08
3	Capitalisation during the year		**11.55**	**11.55**				**27.08**
4	Closing Capital Works in Progress	**8.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	2024-25									
1	2024-25		Office Equipment			0.16	Plant and Machinary			
2	2024-25		KTPS-V Unit-10 APH Modifiation works			10.89	Plant and Machinary			
3	2024-25		R&M of I&C System-Unit-9			0.25	Plant and Machinary			
			R&M of I&C System-Unit-10			0.25	Plant and Machinary			
	Total					11.55				
	2025-26									
1	2025-26									
2										
	Total					0				
	2026-27									
1	2026-27	Civil Works	KTPS Stage-V&VI- Raising of Additional Ash Pond bunds from Ch: 0M to 3200M and Suraram bund from Ch:4400M to Ch:5450M from EL(+) 115.50M to EL(+) 120.50M Including raising of Wells and Spillway at Paloncha, Bhadradri-Kothagudem Dist	50.65	20	25.33	Ash Pond	Raising of Additional Ash Pond bunds from EL(+) 115.50M to EL(+) 120.50M for deposition of ash generated from KTPS-V Stage (2x250 MW) & KTPS-VI Stage (1x500MW)	Clause No.22.3	1. The KTPS V & VI Stages (1000 MW) are having '3' Ash Ponds (AB Ash Pond: 350Acres, Additional Ash Pond: 336Acres, C Ash Pond: 150 Acres) for disposal of ash generated from the Unit Nos.9 & 10 (2x250MW) and Unit No.11 (1x500MW). Out of above '3' Ash Ponds, at present, the AB Ash Pond has been serving for disposal of ash generated from the Unit Nos.9 to 11 of KTPS V & VI Stages. Other '2'Ash Ponds i.e., Additional Ash Pond & Ash Pond- 'C' were got filled up with ash up to its maximum level of EL (+)115.50M & EL (+) 110.00M respectively. The Ash Pond-'C' was abandoned during the year-2010 due to heavy seepages and slips occurred on the bunds and 'Kanuga' plantation has been taken up in the above Ash Pond area to prevent flying of ash during heavy wind/gale. 2. Further, certain quantity of ash generated from KTPS-VII Stage (1x800 MW) is being deposited in to the AB Ash pond of KTPS V & VI Stages, due to delay in completion of ongoing bund raising work of Northern Ash Pond-II. By considering the present Ash disposal from KTPS V Stage (2x250 MW), KTPS VI Stage (1x500 MW) and KTPS VII Stage (1x800MW), the AB Ash Pond will cater the Ash disposal requirement up to March-2026. Hence, it is very much essential to raise the bunds of Additional Ash Pond for deposition of ash generated from KTPS-V Stage (2x250 MW) & KTPS-VI Stage (1x500 MW) from April-2026 onwards. 3. Administrative approval was accorded to take up the above work vide T.G.O.O. No.57/CE/C/Thermal/2025, Dt:10.07.2025.
2	2026-27	BOP	Procurement of 2 Nos Bull Dozers, BD-355 Model BEML make to utilize at KTPS-V & VI Stages	6.5	3.5	1.75	Plant and Equipment	Supply of 2 Nos Bull Dozers along with Coal blades and commissioning at KTPS-V & VI Stages to utilize at CHP/KTPS- V & VI Stages	Clause No. 24	Only 2 Nos BD-155 dozers are available at KTPS-V & VI Stages and are not sufficient to meet the coal plant works like stacking at UCCY, feeding to bunkers of 1x500MW and 2x250MW units, consolidation of coal at Stacker/ Re-Claimer (CCY) & Stacker/ Re-Claimer (UCCY)etc., Due to which it is essential at least2 Nos. BD-155 dozers to meet the above mentioned works at CHP, KTPS-V &VI Stage. Earlier 2 Nos. BD-355 dozers are diverted from YTPS & KTPS-VII Stages to KTPS-V & VI stages on returnable basis and these dozers are to be returned to YTPS & KTPS-VII Stages
3										
	...									
	Total					27.08				

** Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

TELANGANA POWER GENERATION CORPORATION LIMITED
UNIT NAME: KTPS- V STAGE UNIT CODE: 4200
FORM-18 FY.2024-25

Cost Ctr	Class	Asset	Asset description	Cap.date	Acquisition	PO NO.
42009959	2100	2100001874	Surveillance System with CC Cameras 26 Nos	29.10.2024	1,027,780.00	4500034607
42009959	2100	2100001871	Surveillance System (CC Cameras)	08.10.2024	446,040.00	4500033813
42009951	2100	2100001867	VG Air Cooler (2 Nos)	09.09.2024	25,000.00	TEMP. ADV.
42009901	2100	2100001880	Redmi 3X, 3+64 GB	03.02.2025	8,000.00	TEMP. ADV.
		100960	**OFFICE EQUIPMENT**		**1,506,820.00**	
42009959	1900	1900004309	LED Monitor 19.5" (Acer make K202Q) (10 Nos)	11.12.2024	52,569.00	4500035036
		100710	**COMPUTERS**		**52,569.00**	
42005903	1300	1300002768	KTPS-V UNIT-10 APH MODIFICATION WORKS	30.09.2024	15,930,000.00	5300001527
					92,921,143.60	5300001514
42005929	1200	1200000197	Instrumentation & Control System Unit-9 (R&M)	11.08.2020	2,520,493.96	4900040459
42005929	1200	1200000201	Instrumentation & Control System Unit-10 (R&M)	02.08.2021	2,520,493.92	4900029841
		100210	**PLANT AND MACHINERY**		**113,892,131.48**	
			TOTAL		**115,451,520.48**	

01/05/2025

DEPUTY CHIEF CONTROLLER OF ACCOUNTS
KTPS-V & VI STAGES :: PALONCHA

all | Delete Junk | ...

KTPS-V Stage 2 x 250 MW - Offer for supply and commissioning of LP Bypass EH Converter of Unit - 9 & 10 - Requested - Reg

SAMPATHKUMARS@BHEL.IN
Tue 06-02, 10:40
ce.ktps5; shaukat@bhel.in; ktps5.deic

Reply all

Inbox

To help protect your privacy, some content in this message has been blocked. To re-enable the blocked features, click here.

To always show content from this sender, click here.

Dear Sir,

W.r.t. your trailing email, kindly note that existing Moving coil/Plunger type LPBP EH Converter has become obsolete. Services cannot be offered for Servicing/calibration.

Further, to meet the requirement for spares to customers, BHEL has developed alternate designs against existing Electro-Hydraulic Converter (EHC) & Bypass Limit Controllers of LP bypass system. The alternative design contains retrofit solution for EHC with Proportional Valve & Bypass limit controller.

The total retrofit solution along with offer will be submitted once we receive confirmation that KTPS will procure the same from BHEL on negotiated route.

Regards
Sampath Kumar
Manager/SSBG

From: ce .ktps5 [mailto:ce.ktps5@tsgenco.co.in]
Sent: 01 February 2024 17:20
To: SAMPATHKUMARS@BHEL.IN
Cc: shaukat@bhel.in; ktps5.deic <ktps5.deic@tsgenco.co.in>
Subject: KTPS-V Stage 2 x 250 MW - Offer for supply and commissioning of LP Bypass EH Converter of Unit - 9 & 10 - Requested - Reg

Dear Sir/Madam,

Please find the attachment regarding the subject mentioned above.

Write-up on retrofitting of existing Electro-Hydraulic Converter and Bypass limit controller of LP bypass system equipped with low pressure governing

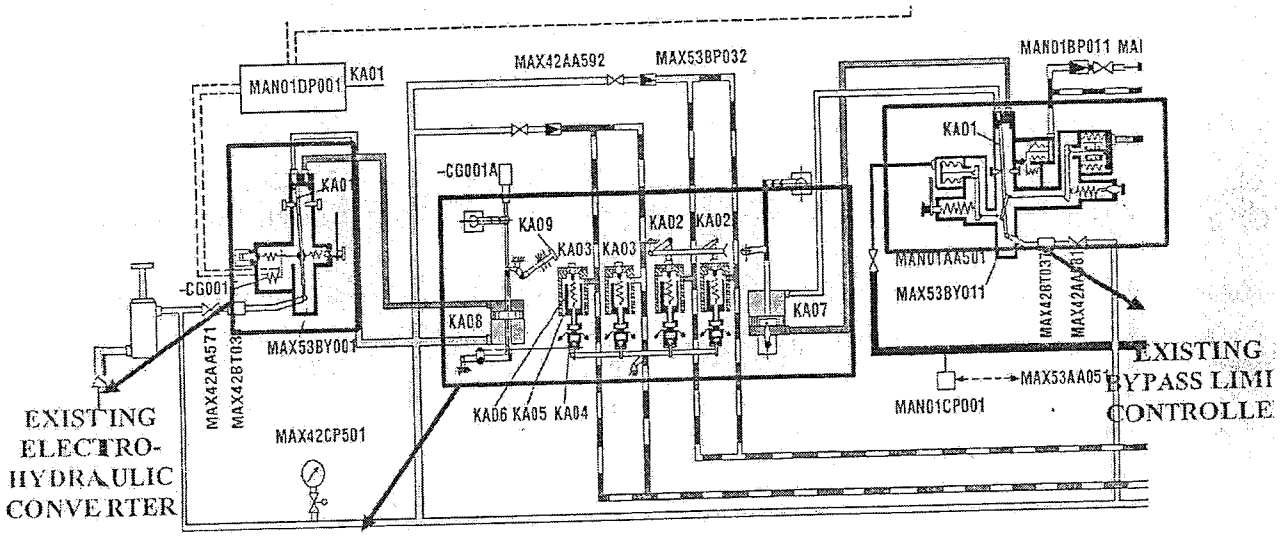
BHEL supplied LP bypass system (with low pressure governing) is equipped with following devices for controlling/protection of LP bypass valves and Water injection valves:

1. Electro-hydraulic Converter
2. Bypass Limit controller

Functions of these devices are as follows:

1. **Electro-hydraulic Converter:** Electro-hydraulic Converter is required for opening/ closing of LP bypass stop/control valves and water injection valves. It forms a link between Electrical & hydraulic system control. Existing Electro-hydraulic converter comprises of a Moving coil and jet pipe regulator.

2. **Bypass Limit controller:** Function of Bypass Limit Controller is to protect the Condenser by closing LP bypass Stop & Control valves in case limit values 'Condenser pressure too high'; 'Bypass flow too much' and 'Injection water pressure too low' are exceeded. Existing Bypass Limit controller is a hydro-mechanical device getting signals in the form of pressure signals.



HYDRAULIC CONVERTER

GOVERNING SCHEME WITH EXISTING EHC, BYPASS LIMIT CONTROLLER & HYDRAULIC CONVERTER

The existing Electro-Hydraulic Converter (EHC) & Bypass Limit Controllers have become obsolete and are no longer available as spares. To meet the Customer's requirement for spares, BHEL has developed alternate designs against both the items.

1. **Alternate design of Electro-hydraulic Converter:** In new design, Proportional valve has been used which is an state of the art equipment. Additionally, new Position

transmitter has also been envisaged. Design of Hydraulic Converter has also got modified.

It is possible to retrofit the old design with the new design. Following changes are envisaged in new design:

a) Mechanical side:
   i. Existing Electro-hydraulic Converter along with Hydraulic Converter shall be replaced with alternate design of EHC & Hydraulic Converter (supplied in assembled and tested condition from BHEL Haridwar)
   ii. Modifications shall be carried out in existing LP bypass Control rack assembly at site (Cutting of existing drain pipe/welding of new pipes etc).

b) C&I side: Modifications in existing control system depending upon type of existing DCS .

2. **Alternate design of Bypass Limit Controller:** In new design, existing Bypass Limit Controller has been replaced by a directional Solenoid valve. Command to this Solenoid valve is electrical. This results in fast and accurate operation of the newly developed design. This design also requires installation of additional sensors as per requirement. Design of Hydraulic Converter has also got modified.

   It is possible to retrofit the old design with the new design. Following changes are envisaged in new design:

   a) Mechanical side:
      i. Existing Bypass Limit Controller along with Hydraulic Converter shall be replaced with alternate design (supplied in assembled and tested condition from BHEL Haridwar).
      ii. Modifications shall be carried out in existing LP bypass Control rack assembly at site (Cutting of existing drain pipe/welding of new pipes etc).

   b) C&I side:
      i. Installation of additional sensors at site.
      ii. Modifications in control system depending upon type of existing control system .

As modifications in Hydraulic Converter assembly shall be required in both the above alternate designs, we propose the Customer to order a comprehensive solution which includes modified design of Electro-hydraulic Converter, Bypass limit controller and Hydraulic Converter so that procurement of additional Hydraulic Converter is not required at Customer's end and complete modifications are done in one go.

NTPC Limited

(A Government of India Enterprise)

CPG-3,Simhadri Project

P.O. SIMHADRI VISAKHAPATNAM
VISAKHAPATNAM
Andhra Pradesh- 531020, India
Telephone No. : 08924-243032/243525 Fax No. : 08924-243590/243092

Service Purchase Order

PAN No. : AAACN0255D
CIN No. : L40101DL1975GOIO07966

Purchase Order No. : 5500039307-049-1035 **Date** : 30.10.2021 **(version : 0)**

Vendor Code : 1005911

To
SIEMENS LTD
PLOT NO.6 A, SECTOR 18,
Maruti Industrial Area,HUDA
GURGAON
Haryana
India - 122015
Tel: 0124-2846000
Fax: 0124-2846141
E-Mail : nand.lal@siemens.com

Subject: : Renovation of LPBP Governing system in St-II (3x500 MW) units under Mega R&M of Ramagundam stage#1&2

NIT NO. : 9900207505/049/1035 Dated 29.10.2021

Your Offer No. : Your offer for Tender :2020_NTPC_42366_1 submitted on 30.11.2020 vide Bid no.126330 and opended on 24.12.2020(Technical Bid).

Your Reference :

Our Reference : 1.PRADIP File No SSC SR/SSC-C&M/2020-21/9900207505/433323(Internal ref)
2.Contract agreement shall be submitted to EIC at the location of the work and shall be signed by EIC on behalf of NTPC.

Dear Sir,

This has reference to our above mentioned NIT, Your offer and subsequent discussions. We are pleased to accept your offer opened on 29.10.2021 and confirm having awarded on you the work of Renovation of LPBP Governing system in St-II (3x500 MW) units under Mega R&M of Ramagundam stage#1&2 of total value INR 83,787,105.00 (Rupee EIGHT CRORE THIRTY-SEVEN LAKH EIGHTY-SEVEN THOUSAND ONE HUNDRED FIVE ONLY) mentioned in the scope of works, special terms & conditions, Bill of quantities etc.

The duration of the service period shall be from 01.02.2022 to 31.01.2024. Though the duration of contract shall remain same, the actual date of commencement of the contract shall be as per the direction of EIC. AGM(TMD) shall be EIC for this work.

This service purchase order along with its annexure is being issued to you in duplicate .We request you to return the duplicate copy of this service purchase order, duly signed on each page by your authorised signatory in token of your unequivocal acknowledgment of the same within 15 days from the date of this service purchase order. If no communication is received within 15 days of receipt of Purchase Order, it will be treated that order has been accepted in entirety.

We thank you for the interest shown by you in our project and the cooperation extended to us. We expect to receive your continued cooperation in future also.

Thanking You,
For & on behalf of NTPC Limited.

SANTOSH KUMAR RAGALA
Digitally signed by SANTOSH KUMAR RAGALA
Date: 2021.10.30 16:18:50 +05'30'
Manager(C&M)

GAJJALA RAMASUBHODAYA REDDY
Digitally signed by GAJJALA RAMASUBHODAYA REDDY
Date: 2021.10.30 16:26:57 +05'30'

Name of Work: (Bill of Quantity)
Renovation of LPBP Governing system in St-II (3x500 MW) units under Mega R&M of Ramagundam stage#1&2

Sl No.	Code	Description	Unit	Quantity	Net Price	Amount	Long Text

Delivery/Invoicing Address:
1033 Ramagundam Super Thermal Power Station
PO JYOTINAGAR DISTRICT PEDDAPALLI
Telangana
505215
India
08924-243032/243525
08924-243590/243092
Invoicing to be done on
GST No. : 36AAACN0255D1ZZ

10		SUPPLY OF MAIN EQUIPMENT	AU	1.000	65,662,277.00	65,662,277.00	

Tax: IN:Integrated GST-ND @ 18.00 % Extra

10 .10		SUPPLY OF MAIN EQUIPMENT	LPS	1	65,662,277.0000	65,662,277.00	

TOTAL OF BOQ PART : 00010 INR 65662277.00

Amount 65662277.00
Other Charges 0.00

Net Amount on BOQ PART : 00010 INR 65662277.00

20		SUPPLY OF MANDATORY SPARES	AU	1.000	2,764,749.00	2,764,749.00	

Tax: IN:Integrated GST-ND @ 18.00 % Extra

20 .10		SUPPLY OF MANDATORY SPARES	LPS	1	2,764,749.0000	2,764,749.00	

TOTAL OF BOQ PART : 00020 INR 2764749.00

Amount 2764749.00
Other Charges 0.00

Net Amount on BOQ PART : 00020 INR 2764749.00

30		TRANSPORTATION INCLUDING INLAND INSURANC	AU	1.000	1,147,883.00	1,147,883.00	

Tax: IN:Integrated GST-ND @ 18.00 % Extra

30 .10		Transportaion incl.Inlan Insurance etc.	LPS	1	1,147,883.0000	1,147,883.00	

TOTAL OF BOQ PART : 00030 INR 1147883.00

Amount 1147883.00
Other Charges 0.00

Net Amount on BOQ PART : 00030 INR 1147883.00

40		TESTING, ERECTION & COMMNG.	AU	1.000	14,212,196.00	14,212,196.00	

Tax: IN:Integrated GST-ND @ 18.00 % Extra

40 .10		ERECTION,TESTING AND COMMG	LPS	1	14,212,196.0000	14,212,196.00	

Manager(C&M)

TOTAL OF BOQ PART :	00040	INR 142121 96.00
Amount		142121 96.00
Other Charges		0.00
Net Amount on BOQ PART :	00040	INR 142121 96.00

Net Total Amount	INR 83,787,105.00
Less Rebate/Amount	INR 0.00
Grand Total	INR 83,787,105.00

INR EIGHT CRORE THIRTY-SEVEN LAKH EIGHTY-SEVEN THOUSAND ONE HUNDRED FIVE ONLY

Manager(C&M)

Terms & Conditions

Payment Terms
Detailed Payment terms shall be specified in Technical Specifications / Scope of Work / GCC

Amount Linked to Safety Aspects is 5% of the cumulative total of Service Portion of the Contract, i.e. Civil + Installation/ Erection + Structural Works.

This percentage amount shall be deducted from each running bill of Service Portion of the Work during execution and shall be released as per Payment Terms for Amount Linked to Safety Aspects.

Payment Mode
EFT/RTGS

Invoice to be raised on delivery/invoice address against the given PO line items.

Security Deposit
Security deposit @ 5.00 % shall be deducted from running bills with a cieling of INR 2513613.15 INR.

Liquidated Damages
@ 0.50 % per week or part there of for the portion of works executed beyond the agreed completion date subject to a maximum of 5.00 % PO value.

Special Instruction
This has reference to the following:
Tender documents covered under E-bid invitation 2020_NTPC_42366_1 downloaded by you from our E-tender website for the subject package consisting of:

a) Section-I Invitation for Bids (IFB)
b) Section-II Instruction to Bidders (ITB)
c) Section-III General Conditions of Contract (GCC)
d) Section-IV Special conditions of Contract (SCC)
e) Section-V Scope of Work, Technical Specifications and Special Terms & Conditions
f) Section-VII Forms and Procedures

1.0 SCOPE OF WORK:
You have to execute and complete the subject work at the site specified by the Engineer-in-charge as per follwing.If there is any dispute about the scope of work, the decision of Engineer-In-Charge shall be final and binding on the contractor:

a) Scope of Work and Technical Specification
b) Schedule of Quantities,

Further you shall adhere to the Safety Plan & Environmental Policy of NTPC while executing the work.

2.0 CONTRACT VALUE: Total Contract Value for the subject work is Rs.8,37,87,105.00 (Rupees Eight Crore Thirty Seven Lakhs Eighty Seven Thousand One Hundred and Five only) inclusive of all taxes, duties, levies etc and exclusive of GST.

THE WORK SHALL BE EXECUTED ON FIRM PRICE BASIS.Escalation will not be allowed due to any cause whatsoever.

Manager(C&M)

3.0 You shall comply with all Labour Rules and Regulations as per Acts and shall be fully responsible for the safety of your workmen. You shall also be fully responsible for payment of prevailing minimum wages and benefits to your workmen engaged for due execution of this Contract and its extended period with no extra cost to NTPC.

4.0 You shall comply with PF rules as per applicable laws and produce documentary evidence of having deposited EPF contribution pertaining to Employee and Employer with PF commissioner.

5.0 TIME SCHEDULE:
Completion period for the total work is 24 months.

However work to be started on getting communication from the Engineer-in-Charge.

The Start date of P.O shall be as indicated in P.O or as decided by EIC.

6.0 PBG/SECURITY DEPOSIT: As per GCC.
The Contractor shall, within twenty-eight (28) days of the Notification of Award, provide securities for the due performance of the Contract for Three Percent (3%) of the Contract Price of all the Contracts, with an initial validity up to ninety (90) days beyond the end of scheduled Defect Liability Period of the last equipment covered under the package.
However, in case of delay in completion of the defect liability period, the validity of all the contract performance securities shall be extended by the period of such delay.

7.0 TAXES:
Income Tax,other Taxes and duties if any shall be deducted from your bills as per applicable Tax rules that may be in force from time to time. TDS if applicable under GST shall be done.

8.0 Defect liability Period :AS PER GCC.Unless otherwise specified in Scope of Work (Section VI).If Specified in Scope of Work (Section VI), the same shall prevail.

9.0 LD Clause : Liquidated Damages for delay in successful Completion of Facilities shall be as under:
One half of the one percent (1/2%) per week on the Contract Value of the Work for every week that the progress remains below the required progress or that the Work remains incomplete subject to a maximum of 5% of the Contract Value.The total amount of liquidated damages for delay under the contract will be subject to a maximum of five percent (5%) of the total Contract Price.

LD for non-demonstration of operation of valves and system in line with original design is max 5% of contract value.

10.0 You are requested to contact our AGM (TMD) for execution of contract / work, who is the Engineer-In-Charge for the same.

11.0 The contractor shall adhere to the quality plans of NTPC enclosed / available with NTPC for successful completion of work in all respects.

12.0.0 ACCEPTANCE OF LETTER OF AWARD:
12.1.0 You shall accept this letter of award unconditionally and immediately.You are requested to return the duplicate of this Award Letter immediately but not later than a period of Fifteen (15) days of issue of this Award Letter, duly signed & stamped on each page as token of your unconditional acceptance of the same.
12.2.0 You shall enter into a formal agreement with NTPC on Non-Judicial Stamp Paper of appropriate value in NTPC prescribed pro-forma within Thirty (30) days from the date of issue of this Award Letter. Any due payment except 1st R.A. Bill, will be released after signing of Agreement between you and NTPC. You will provide at your cost required Non-Judicial Stamp Paper and water mark paper for the purpose of formal agreement.

Manager(C&M)

Break up of Price (For Service Related Lines Only)

Sl No.	Service Code	Description	Qty.	UOM	Rate	Premium	Discount	Addl Discount	Net Rate	Value
10 .10		SUPPLY OF MAIN EQUIPMENT	1	LPS	65,662,277.00	0.00	0.00	0.00	65,662,277.0000	€65,662,277.00
20 .10		SUPPLY OF MANDATORY SPARES	1	LPS	2,764,749.00	0.00	0.00	0.00	2,764,749.0000	2,764,749.00
30 .10		Transportaion incl.Inlan Insurance etc.	1	LPS	1,147,883.00	0.00	0.00	0.00	1,147,883.0000	1,147,883.00
40 .10		ERECTION,TESTING AND COMMG	1	LPS	14,212,196.00	0.00	0.00	0.00	14,212,196.0000	14,212,196.00

Manager(C&M)

SCOPE OF WORK

00010 : SUPPLY OF MAIN EQUIPMENT
Name of the work: Renovation of LP Bypass Governing system for stage#2 under Mega R&M of RSTPS

Scope of Work,All other terms and conditions shall be as per the enclosure to PO.

Prepared By:
RAGALA SANTOSH KUMAR

Manager(C&M)

NTPC VENDOR PAYMENT PORTAL & PAYMENT PROCEDURE

1.For all the cases where payment documents are to be directly submitted to NTPC (excluding Payment through Bank cases), the Invoice and supporting document(s) as required in the Purchase Order have to be Digitally Signed with class II or III digital signature and uploaded in the NTPC Vendor Payment Portal https://pradip.ntpc.co.in/VendorFinal/Login.jsp.

In such cases, there will be no requirement of physical copy of invoice & documents except for Lorry Receipts (LRs)/ Delivery Challan, which are normally sent along with the material/ transporter. Bank Guarantees to be sent in original wherever applicable.

2.From **15.5.2020**, NTPC will accept only digitally signed Invoice & supporting documents from Vendors for direct payment cases. Submission of documents in physical form shall not be accepted by NTPC unless otherwise asked for in the PO.
For such cases of physical submission, Vendors are required to send complete set of documents including invoice etc. addressed to the "Invoice Receipt Center" of the Delivery/ Invoicing Address as mentioned in the Purchase Order Annexure 1/ BOQ Sheet.

While submitting the Invoice/ Bills & related documents in physical form, Vendors are required to mention the following details on the top of the envelope:

a. Invoice/Bill reference No.
b. NTPC PO No./ Package no.
c. NTPC Vendor Code asper PO

In addition to above, vendors are requested to mention their correspondence E-mail & Mobile No.in the Covering Letter, through which invoice processing related information/clarification request may be sent.

3.Vendors can track / monitor the status of payments from the Vendor payment portal. Help documents are available in the portal. Vendors are requested to make full use of the Vendor Payment Portal.

4. For payment cases through bank, all original documents are to be submitted in bank as per terms of PO.

List of Documents

Please note that below documents are needed to be provided along with Invoice.

S.No.	Document Description

Manager(C&M)

ANNEXURE-II

Justification:

Fire Detection and Alarm (FDA) control system of Old CHP of KTPS- V&VI Stages i.e from Conveyor-1A/B to 12A/B including switchgear & control rooms of MCC-I, MCC-II, MCC-III & MCC-IV was installed and commissioned by M/s BHEL in 1997 . The commissioned FDA control system product is SYSTEM 3 Universal Alarm Controller of make Pyrotronics International Ltd, USA. At present the FDA Control Unit model: CP-35 is healthy and in working condition. The system has been in continuous service for the last 25 years and the system has become obsolete due to non availability of spares. The Phase-out Announcement of the Product **SYSTEM 3** has been given by the company. The services to SYSTEM 3 components, enclosures and accessories have been stopped by the company.

The same Product system 3 was installed and commissioned in KTPS-V Stage by M/s BHEL. As part of R&M works, the SYSTEM 3 FDA system upgradation has been done by M/s BHEL through M/s BOSCH. Hence it is necessary to replace the FDA control system product SYSTEM 3 for efficient monitoring of Fire Detection and Alarm System of old CHP.

CHP operation PLC system has PLC5 processor. It was installed and commissioned by M/s Rockwell automation pvt Ltd. in 1997. The PLC5 processor and DH+ communication system was obsolete due to non availability of spares. M/s Rockwell automation pvt Ltd is no longer providing spares and services. Outdated DH+ communication method is to be replaced with latest communication methods. OEM Company has suggested upgrading the PLC5 processor and SLC I/O system to latest platform as the existing hardware is obsolete.

As part of R&M works of stage V, in Ash handling plant (stage-V) the PLC-5 processor was upgraded with DCS system. The reliability of the present system is unpredictable. Hence it is necessary to upgrade the PLC-5 processor along with necessary modules for smooth operation of the Conveying system.

Elecon make Wagon Tippler (A&B) was commissioned in the year 1998 for the tippling operations of BOX-N type wagons. The Tippler has Kirloskar make SRGP440 model thyristor controlled DC Drive (Rating: 826 amps) to drive the DC motor for tippling operation. The continuous

availability of wagon tippler is very much essential for smooth unloading of BOX-N type wagons. Whereas the existing drives have been in continuous service for the past 25 years, the reliability of the system is unpredictable as this model is obsolete due to non availability of spares. Frequent troubles on drives are also being experienced. The OEM Company i.e KEC Ltd is stopped the manufacturing of DC drives and no technical support is being available for repairing the internal PCB cards from the OEM Company.

Digital DC drives are more reliable, efficient, ease of troubleshooting and compact in size. Hence, existing analogue DC drive is to be replaced with latest Digital DC drive for smooth Tippling operation in CHP.

24/01/24
AE/Protection

24/01/2024
ADE/ Protection

24/1/24
DE/EM/CHP

TELANGANA POWER GENERATION CORPORATION LIMITED
VIDYUT SOUDHA :: HYDERABAD-500082
CIN:U40102TG2014SGC094070, Phone No:040-23499407
Website:www.tggenco.com Email Id:ce.cth@tggenco.com

ABSTRACT

KTPS Stage-V&VI- Raising of Additional Ash Pond bunds from Ch: 0M to 3200M a nd Suraram bund from Ch:4400M to Ch:5450M from EL(+) 115.50M to EL(+) 120.50M including raising of Wells and Spillway at Paloncha, Bhadradri-Kothagudem Dist.- Administrative Approval–for an amount of Rs.50,65,00,000.00 – Accorded.

Office of the CE/Thermal
Dy. CE/O&M/KTPS V&VI Stages
Dt. 25.7.25
No. 3494

T.G.O.O. No.57/CE/C/Thermal/2025 **Dt:10.07.2025.**

Read the following:-

Ref:
1. Lr.No.CE/O&M/SE/Civil/KTPS-V&VI:Stages/F.02/D.No.459/2024-25, Dt:13.11.2024.
2. Lr.No.CE/Civil/Thermal/SE.TCD-I/EE3/F.E458/D.No.33/2025-26, Dt.01.05.2025.
3. Lr.No.CE/O&M/SE/Civil/KTPS V&VI Stages/F.Dkt/D.No.305/2025-26, Dt:24.05.2025.

***

ORDER:

The KTPS V & VI Stages (1000 MW) are having '3' Ash Ponds (AB Ash Pond: 350Acres, Additional Ash Pond: 336Acres, C Ash Pond: 150 Acres) for disposal of ash generated from the Unit Nos.9 & 10 (2x250MW) and Unit No.11 (1x500MW). Out of above '3' Ash Ponds, at present, the AB Ash Pond has been serving for disposal of ash generated from the Unit Nos.9 to 11 of KTPS V & VI Stages. Other '2'Ash Ponds i.e., Additional Ash Pond & Ash Pond- 'C' were got filled up with ash up to maximum level of EL (+)115.50M & EL (+) 110.00M respectively. The Ash Pond-'C' was abandoned during the year-2010 due to heavy seepages and slips occurred on the bunds and 'Kanuga' plantation has been taken up in the above Ash Pond area to prevent flying of ash during heavy wind/gale.

2. Further, certain quantity of ash generated from KTPS-VII Stage (1x800 MW) is being deposited in to the **AB Ash pond** of KTPS V & VI Stages, due to delay in completion of ongoing bund raising work of **Northern Ash Pond-II.** By considering the present Ash disposal from KTPS V Stage (2x250 MW), KTPS VI Stage (1x500 MW) and KTPS VII Stage (1x800MW), the **AB Ash Pond** will cater the Ash disposal requirement up to March-**2026.** Hence, it is proposed to raise the 'Additional Ash Pond' bunds from existing EL (+) 115.50M to EL (+)120.50M to enable to deposit the ash generated from KTPS V Stage (2x250 MW) and KTPS-VI Stage (1x500MW) from April-2026 onwards.

Contd....P2

3. The Chief Engineer/O&M/KTPS-V&VI Stages has furnished the estimate for the subject work for an amount of **Rs.50,65,00,000.00** including all provisions and **Rs.40,09,42,853.00** excluding all provisions. The expected life of 'Additional Ash Pond' with proposed bund raising of 5M (from EL(+) 115.50M to EL +120.50M) is about '**4**' years '**6**'.months. The subject proposal was submitted to TGERC under MYT in Capital Investment Plan for the 5th control period FY 2024-25 to FY 2028-29.

4. The proposal for according administrative approval for taking up the subject work for an amount of **Rs.50,65,00,000.00** including all provisions & **Rs.40,09,42,853.00** excluding all provisions & to call open tenders through e-procurement by meeting the expenditure from capital budget of KTPS V & VI Stages under '**additional capitalization**' was circulated to the Stores Purchase Committee of TGGENCO.

5. After careful consideration of the proposals mentioned in para-(4) above, the Stores Purchase Committee of TGGENCO has accorded approval for the following:

   a) Administrative approval to take up the work of **"KTPS Stage-V&VI - Raising of Additional Ash Pond bunds from Ch: 0M to 3200M and Suraram bund from Ch:4400M to Ch:5450M from EL(+) 115.50M to EL(+) 120.50M including raising of Wells and Spillway at Paloncha, Bhadradri Kothagudem Dist."** for an amount **Rs.50,65,00,000.00** (Rupees Fifty Crore Sixty Five Lakh only) including all provisions and to meet the expenditure from capital budget of KTPS V & VI Stages under additional capitalization.

   b) To call for open tenders through e-procurement in double packet system for the subject work for an Estimated Contract Value of **Rs.40,09,42,853.00** (Rupees Forty Crore Nine Lakh Forty Two Thousand Eight Hundred Fifty Three only) excluding all provisions.

6. This order is issued with concurrence of the Chairman and Managing Director/TGGENCO vide Reg.No.913, Dt.17.062025.

(BY ORDER AND IN THE NAME OF TGGENCO)

CHIEF ENGINEER/CIVIL/THERMAL

To
Chief Engineer/O&M,
KTPS-V & VI Stages,
Paloncha-507115,
Bhadradri-Kothagudem Dist.

Copy communicated to the:

1. P.S. to Chairman & Managing Director/TGGENCO/V.S./Hyderabad.
2. AEE/Techl. to Director (Civil)/TGGENCO/V.S./Hyderabad
3. P.O. to Director (Finance & Commercial)/ TGGENCO/V.S./Hyderabad.
4. A.S. to Director (Coal & Logistics)/ TGGENCO/V.S./Hyderabad.
5. D.E/Techl. to Director (Thermal & Projects/ TGGENCO/V.S./Hyderabad.
6. D.E./Techl. to Director (Hydel)/ TGGENCO/V.S./Hyderabad.
7. D.E./Techl. to Director (H.R.& IR)/ TGGENCO/V.S./Hyderabad.
8. P.A to Chief General Manager (Admn.)/TGGENCO/Vidyut Soudha/Hyderabad
9. Chief Engineer/Coal & Commercial/Vidyut Soudha/Hyderabad
10. FA&CCA (Resources) TGGENCO/Vidyut Soudha/Hyderabad-82
11. FA&CCA (Audit) & CFO/TGGENCO/Vidyut Soudha/Hyderabad-82
12. FA&CCA (Accounts)/TGGENCO/Vidyut Soudha/Hyderabad-82
13. Superintending Engineer/Civil/KTPS V & VI stages/ Paloncha – 507 115
14. Dy.CCA/ KTPS-V & VI stages/ Paloncha-507 115
15. Stock file

VSR CONSULTANTS VALUE ENGINEERING	Prof. V.S. RAJU CONSULTANTS (Geotechnical and Structural) Gachibowli, Hyderabad – 500 032

Document No. VSRC/TGGENCO/KTPS/AAP/DPR/01 DATED: 04.06.2025

DETAILED PROJECT REPORT (DPR) ON BENEFITS BY RAISING OF STAGE III BUND OF ADDITIONAL ASH POND

Project

Kothagudem Thermal Power Station,
Kothagudem

Client

Telangana Power Generation Corporation Limited

		A Chenna Reddy	C.R. Balaji	
04.06.2025	R0	A.CHENNA REDDY	C.R. BALAJI	PROF. V. S. RAJU
DATE	REVISION	PREPARED BY	REVIEWED BY	REVIEWED & APPROVED BY

Report on "Raising of Additional Ash Pond bund (Stage III) at Kothagudem Thermal Power Station"

15.11.2023

1. Preamble:

Telangana State Power Generation Corporation (TSGENCO) proposes to increase the Additional ash pond bund height by 5 m from present level of EL +116 m to EL +121 m. TSGENCO requested the undersigned to check the feasibility of the same.

The total height of Additional ash pond bund at chainage 1600 m is 28 m (from EL + 88 m to EL + 116 m). Typical cross-section is shown in figure 1 below. This report gives the design for raising of ash pond bund for Additional ash pond.

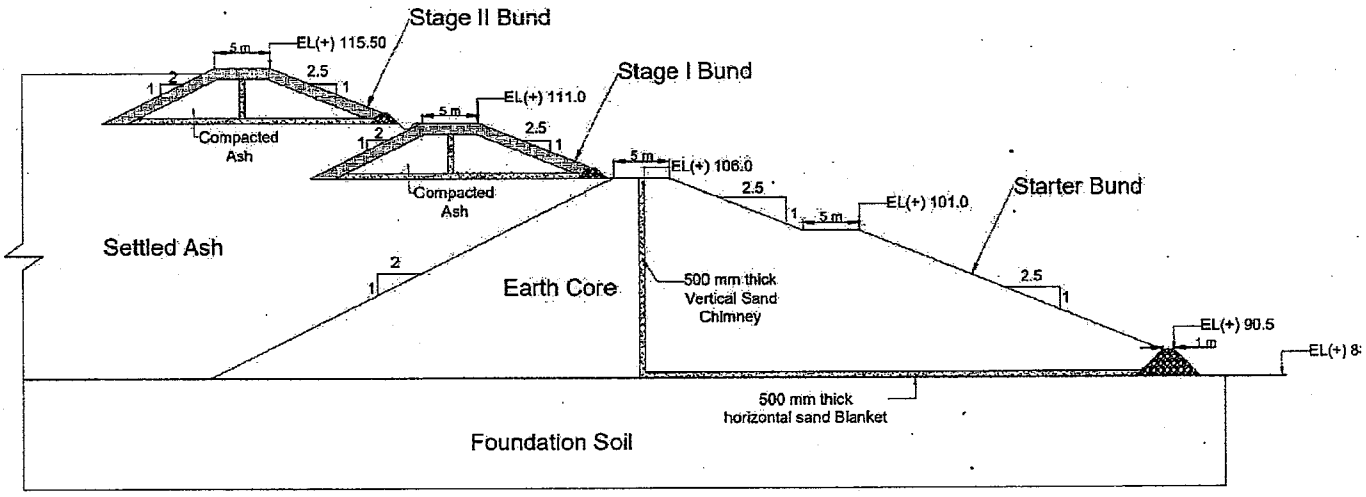


Fig 1: Typical cross section of Additional Pond bund

2. Design Concept:

The stage III bund is to be built of ash from ash pond. The ash to be used as inner core for construction of bund shall be laid in layers and compacted. A gravel layer of 1 m thick is to be provided on both upstream and downstream faces. This is to protect the bund from erosion due to rain water. The bund is provided with a vertical sand chimney so that the seepage water is drained through the vertical sand chimney into the bottom horizontal sand blanket and rock toe, thereby keeping the downstream slope completely free from seeping water. Seepage water collected, if any, will run into the toe drain. A typical cross section is shown in figure 2 below (Same is given in Enclosure 1).

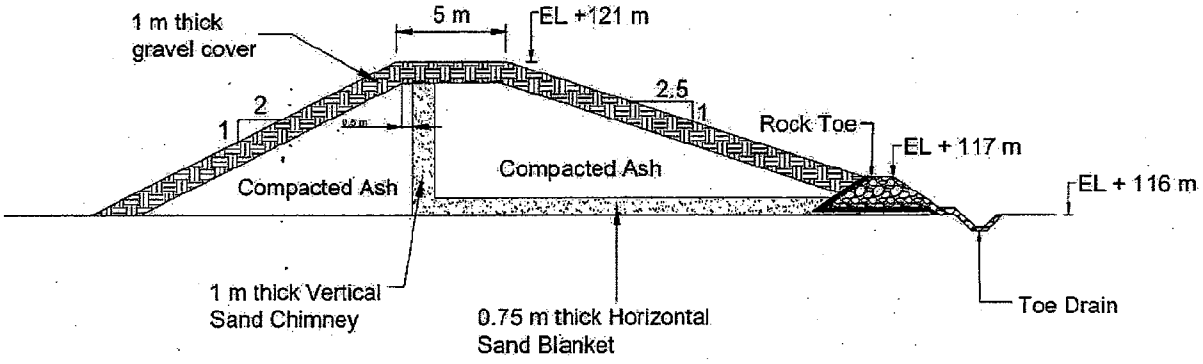


Fig 2: Typical cross section of Stage III bund

3. Improvement of Settled Ash below Stage III bund:

The settled ash will be in loose condition. It is not appropriate to build the stage III bund on such loose ash which will result in instability and excessive settlements. Hence, before construction of the stage III bund, the foundation ash has to be improved.

It is proposed to improve the foundation ash by removing 2 m of settled ash by open excavation, backfilling and compacting in layers.

3.1 Removing 2 m of settled ash by open excavation, backfilling and compacting in layers:

Below the footprint area of the proposed bund, settled ash upto a depth of 2 m is to be removed. Compaction is to be done at a depth of 2 m with heavy duty vibratory roller. This will also help in compacting the ash layers below. The extent of excavation and backfilling is to be extended 10 m beyond the upstream edge of the Stage III bund.

Later, the ash shall be laid in layers of thickness 275 mm. The compacted thickness shall be 200 mm. The same is to be adopted for backfilling the entire 2 m depth.

Trial compaction of the material shall be carried out and the number of passes required for achieving either 98% of Proctor density or 95% of modified Proctor density shall be determined and adopted. The sectional details of stage III bund with improved ground is given below in Fig 3 (See Enclosure 2 for sketch showing the final stage).

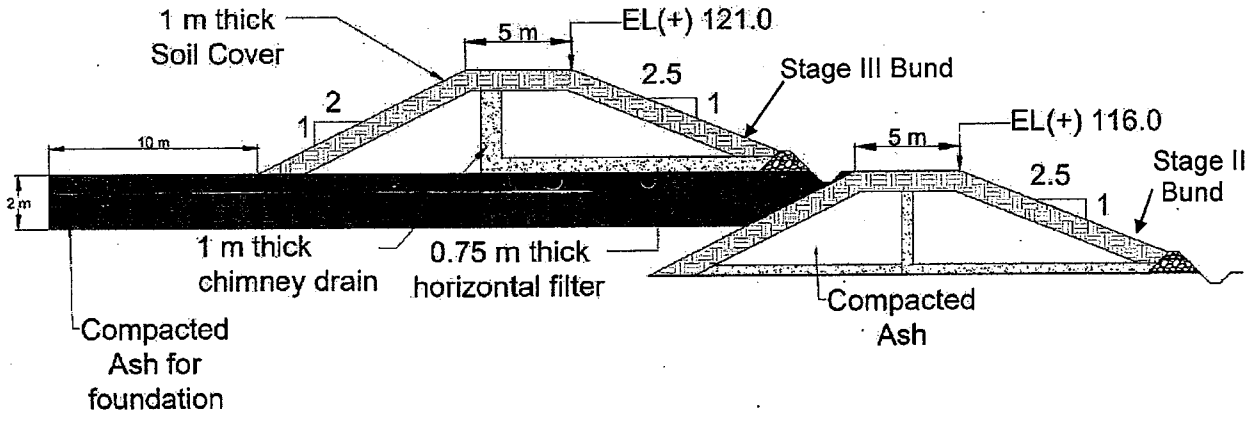


Fig 3: Section of proposed Stage III bund with Compaction below the base

4. Software used for slope stability analysis:

Geo Studio software has been used to check the slope stability of the new bund. Slope software offer variety of well-established methods for calculating the Factor of Safety (FoS). This software helps to find the critical slip circle for circular slip surfaces. Circular slip surfaces can be analyzed using Swedish slip circle analysis and Bishop method of analysis. The location of circular surface is defined using a rectangular grid of centers and then, and a number of different radii, a common point trough which all circles must pass or a tangential surface which the circle almost touches.

The ground section is built up by specifying each layer of material, from the surface downwards, as a series of X and Y co-ordinates. In our analysis, Bishop's simplified method is used, as this method considers the overall moment equilibrium as well as moment equilibrium of individual slices.

5. Slope stability Analysis – Stage III bund

The stage III bund is 5 m high. The cross – sectional details are as follows:

a) Top width is 5 m
b) Downstream side slope of bund is 1 V: 2.5 H
c) Upstream side slope of the bund is 1 V: 2 H
d) 1 m thick gravel cover
e) 1 m thick vertical sand chimney
f) 0.75 m thick horizontal sand blanket
g) Rock toe
h) Toe drain

The purpose of providing the rock toe is to collect the surface rain water / seepage water. In addition, it will add to the stability of the bund. After excavating for the toe drain, the bottom and side slopes are provided with stone pitching / revetment of 225 mm thick.

5.1 Material Properties used:

Starter bund (from EL + 88 m to EL + 106 m) material - unit weight (Y) = 20 kN/m^3, Angle of internal friction (phi) = 35^0, Cohesion (C) = 0 kN/m^2 (Properties are considered from the report titled "Augmentation of Ash bund at Kothagudem Thermal Power Plant (KTPS)" given by Department of Ocean Engineering, IIT Madras in December 2002). Table 1 below shows the material properties adopted for the analysis.

Table 1: Material properties adopted for the analysis.

Component	Unit weight (kN/m^3)	Cohesion (C) kPa	Angle of internal friction (Ø)
Starter Bund	20	-	35°
Gravel Cover	20	-	35°
Sand Filter	18	-	32°
Rock Toe	20	-	40°
Settled Ash	12	-	15°
Compacted Ash (Bunds of stage I, II)	12	-	25°
Compacted Ash (Stage III)	12	-	27°
Compacted Ash (Foundation of stage I, II)	12	-	17°
Compacted Ash (Foundation of stage III)	12	-	25°
Foundation Soil	20	-	35°

6. Results of Slope Stability Analysis:

The downstream slope is analyzed for the ash pond full condition for the proposed raising. The summary of factor of safeties obtained are given in Table 2:

Table 2: Summary of Factor of safeties (FOS)

For bunds at Different levels	Critical FOS
From EL + 121 m to EL + 116 m (Stage III bund alone)	1.5
From EL + 121 m to EL +111 m (Stage III and II bunds)	1.4
From EL + 121 m to EL + 106 m (Stage III, II and I bunds)	1.3
From EL + 121 m to Starter Bund	2.0

As can be seen from the above table, Factor of Safeties (FoS) are greater than or equal to minimum required FoS of 1.3 as per "clause 5.1.1 of IS: 7894 - 1975 (Reaffirmed 2021) – Code of practice for stability analysis of earth dams". Enclosure 3 shows the critical slip circles for all the above cases.

7. Recommendations for Geotechnical Investigations:

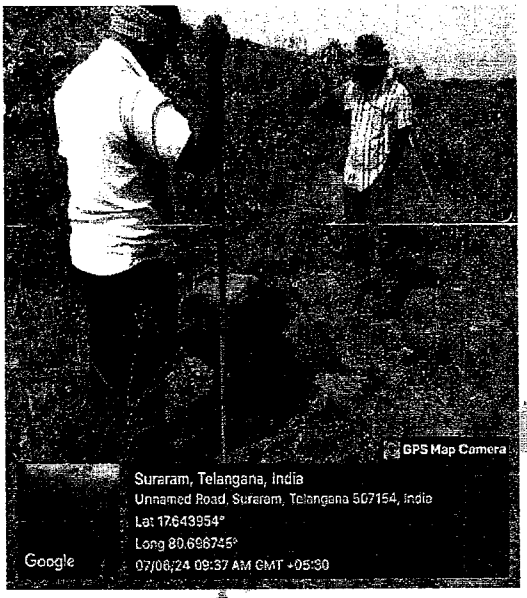
Based on the site visit, the geotechnical investigations that needs to be carried out for additional ash pond was finalized. Dynamic Cone Penetration Tests (at EL + 106 m and EL + 116 m) and short boreholes at EL +106 m have been recommended. The same was communicated vide email dated 02nd November 2023 (See Enclosure 4).

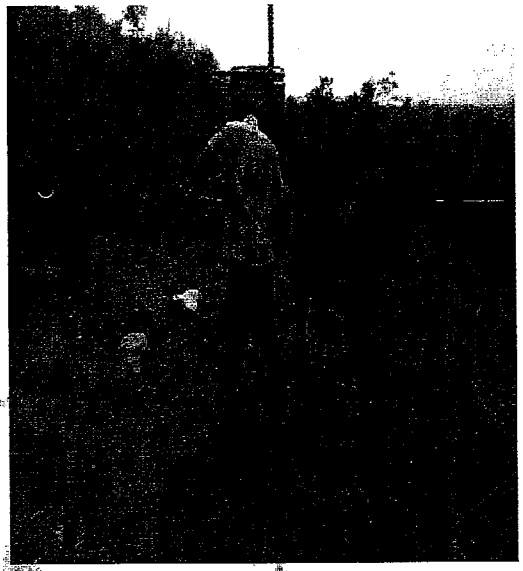
It is recommended to carry out these investigations at the earliest to confirm the shear parameters considered in the analysis.

8. Summary and Recommendations:

- ✓ TSGENCO is proposing to add stage III bund on "Additional Ash Pond" from EL + 116 m to EL + 121 m.
- ✓ It is feasible to add stage III bund of 5 m high on additional ash pond. The requirements of factor of safety as per IS: 7894 - 1975 (Reaffirmed 2021) is satisfied (See Table 2).
- ✓ It is important to remove 2 m of settled ash by open excavation below the base of the proposed bund and 10 m beyond the upstream edge. The same is to be backfilled and compacted in layers. (See para 3 of this report)

ANALYSIS & REPORT BY	REVIEWED BY	APPROVED BY
(A. CHENNA REDDY)	(C.R. BALAJI)	(Prof. V.S. RAJU)





**** END OF THE REPORT ****

For Annoor Test Labs & Engg. Services Pvt. Ltd.

S K. Peera Babu
Technical Manager – Mechanical

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION V & VI STAGES
PALONCHA
(An ISO 9001:2008 Accredited Plant) Website:www.tsgenco.co.in

From :
Chief Engineer
Operation & Maintenance,KTPS-V&VI
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-255275 Fax:08744-255272
ce.ktps5@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s VERTIV ENERGY PRIVATE LIMITED
8-2-618/2/G1, ROAD NO.11
RELIANCE HUMSAFAR# GROUND FLOOR,
BANJARA HILLS
HYDERABAD 500034, Telangana
Phone No:9966629228

Vendor Code : OA-101092
GSTIN : 36AAACT4033H1ZL
PAN No.: AAACT4033H

PO No: 5200006425 / CE/KTPS / V&VI STAGE/DE/TECH / K60 / 2023 - 24 / / DT. 26.03.2024

Sub: KTPS-VI Stage-I&C- Deputation of Service Engineer for replacement of AC&DC Capacitors of Hi-Pulse UPS Systems installed at Unit-XI/KTPS-VI Stage.-Regularization of Purchase Order Issued-Regarding.

Ref : 1)Provisional Work Order:Lr.No:CE/O&M/KTPS-V&VI Stages/F.89 /D.No.498/23-24, Dt:02.01.2024.
2)Your Invoice No:24557BO2397/Dt:26.02.2024.

1 **ACCEPTANCE :**
In continuation to the Provisional Work Order cited at ref(1) issued in in favour of M/s. Vertiv Energy Private Limited, Hyderabad, I acting for and on behalf of TSGENCO, accept the rate of Rs.1,05,000.00 (Excluding GST)(Rupees One Lakh Five Thousand only) for the executed work as per the MOM enclosed herewith.

2 **SCOPE OF CONTRACT/ORDER :**
MOM:

DAY 1 DATE:20.02.2024
1.Visited the Effluent Treatment Plant (ETP-2X15KVA) UPS systems and replaced DC capacitors-12Nos for Both US systems (UPS Sl.No.UPS-1 201101HS0738-2, UPS-II: 201101HS0739-1)
2.18Nos Snubber capacitors replaced for both the UPS systems of ETP.
3.Compressed Air System PLC, DC capacitors -8Nos (2X6KVA) replaced for both the UPS systems (UPS Sl.No.UPS-1 201101HS0733-1, UPS-II:201101HS0731-1).

DAY 2 DATE:21.02.2024
1.Visited the Pretreatment Plant PLC UPS systems (2X10KVA), 8Nos. capacitors replaced and switched ON both the UPS systems and functioning Normally
(UPS Sl.No.UPS-1 201101HS0728-1, UPS-II:201101HS0728-2)
2.At Chlorination plant PLC UPS-II, Replaced 4Nos DC capacitors and switched ON but the inverter system is found to be problematic and Inverter Block error is noted. Found IGBT Driver Boards -2Nos, IGBT 75Amps-2 Nos failed and replaced them with new spares.
However the inverter block problem not resolved.

DAY 3 DATE:22.02.2024
1.At Chlorination Plant, Checked the UPS-II for Inverter Block problem, replaced UPS logic board-01No, Inverter Logic Board-01No, DC-DC board-01No and switched ON the UPS and the Inverter Block problem rectified. The UPS is switched ON and functioning Normal and paralleling of both UPS done.
2.Chlorination plant UPS-1 DC capacitors-04Nos replaced and switched ON UPS systems and functioning normally.
(UPS Sl.No.UPS-1 201101HS0737-1, UPS-II:201101HS0737-2)

3.At Remote Silo UPS systems (2X6 KVA) -08Nos DC capacitors replaced and switched ON UPS systems and functioning Normally.
(UPS Sl.No.UPS-1 201101HS0731-2, UPS-II:201101HS0733-1)
4.At Ash Handling plant UPS systems (2X15 KVA) -12Nos DC capacitors replaced and switched ON UPS systems and functioning Normally.
(UPS Sl.No.UPS-1 201101HS0739-2, UPS-II:201101HS0729-1).

Vertiv Recommendations:
*Please follow all safety precautions while operating UPS and batteries.
*Life of AC capacitors has been completed more than 10years. Recommended to customer need to replace as soon as possible.
*Maintain spare of all PCBs Boards for immediate use as and when required.

3 SCHEDULE OF MATERIALS & PRICES :
As per Annexure enclosed(excluding GST).

PO Amount : Rs. 105,000.00
In words : RUPEES ONE LAKH FIVE THOUSAND ONLY

4 PRICE BASIS :
The prices indicated above are FIRM and are not subject to any variation on any grounds.The prices are exclusive of GST.

5 GST/SERVICE TAX AND CESS ON ST :
The prices indicated above are exclusive of GST which will be paid extra @ 18% or as applicable at the time of billing on services.

6 DELIVERY PERIOD :
The work has already executed and this order is issued for regularization of transaction for arranging payment.

7 TERMS OF PAYMENT :
100% payment due will be paid within 30 days through RTGS after deducting bank charges. This is only regularization of the Purchase Order for arranging payment. The bank details submitted by you are as follows:

Account Holder Name: Vertiv Energy Private Limited.
Bank Account Number: 22205235278.
Name of the Bank: Standard Chartered Bank.
IFSC Code: SCBL0036084.
Branch: 23-25 MG Road Fort, Opp VSNL, Mumbai.

8 PAYING OFFICER : :
Senior Accounts Officer/O&M/KTPS-V&VI Stages.

9 CONSIGNEE : :
Divisional Engineer/I&C/KTPS-VI Stage/Paloncha.(Ph.No:9493545525)

10 START & COMPLETION OF THE WORK :
The work was commenced on Dt:20.02.2024 and completed on Dt:22.02.2024.

11 GENERAL TERMS :
Statutory income tax as per rates in vogue will be deducted from the bills and TDS certificate to that effect will be issued by SAO/O&M/KTPS-V&VI Stages.

12 CORRESPONDENCE :
(a)All correspondence of general, dispatch or technical nature shall be addressed to the SE/O&M/KTPS-VI Stage.(Ph.No:08744-252054)
(b)All correspondence regarding payments etc., shall be addressed to the DyCCA/O&M/KTPS-V&VI Stages with copies marked to this office.(Ph.No:08744-252500).

13 JURISDICTION. :
Any disputes arising out of this order shall be settled by the court situated at Kothagudem but not elsewhere.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS-V&VI

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

Copy to the Superintending Engineer/O&M/KTPS-VI Stage.
Copy to the Divisional Engineer/I&C/KTPS-VI Stage.
Copy to the Senior Accounts Officer/O&M/KTPS-V&VI Stages---> The cancelled cheque is herewith enclosed for reference.

Annexure - 1

PO No: 5200006425 / CE/KTPS / V&VI STAGE/DE/TECH / K60 / 2023 - 24 / / DT.26.03.2024

Sub: KTPS-VI Stage-I&C- Deputation of Service Engineer for replacement of AC&DC Capacitors of Hi-Pulse UPS Systems installed at Unit-XI/KTPS-VI Stage.-Regularization of Purchase Order Issued-Regarding.

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998719)					
1	UPS spot service charges	D	3.000	35,000.00	1	105,000.00
				Total Amount :		**Rs. 105,000.00**

Total Amount in Words : RUPEES ONE LAKH FIVE THOUSAND ONLY

CHIEF ENGINEER/O&M/KTPS-V&VI

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
The Chief Engineer/ Civil
Thermal,
TSGENCO, A-Block,
Vidyut Soudha, Hyderabad-082

To :
M/s LARS ENVIRO PVT LIMITED
#168,NELCO SOCIETY,
SUBASH NAGAR,
NAGPUR 440022, Maharashtra

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPS(Construction)

Vendor Code : 203394
GSTIN : 27AAACL2803K1ZN
PAN No.: AAACL2803K

PO No: 4900027260 / / / L01 / 2018 - 19 / / DT. 22.10.2018

Sub: KTPS-V & VI Stages-Design, Supply, construction, erection, testing and commissioning of sedimentation tank with mechanized system for treatment of effluents of KTPS V Stage including Civil, Mechanical, Electrical and C&I works at KTPS V Stage, Paloncha, Bhadradri-Kothagudem Dist-Detailed Billing Break up - Reg

Ref : 1)LOI No.CC-0066/ED/Civil/Thermal/SE.TCD-I/EE3/F.Sed.tank/ D.No.342/2017-18,Dt.24.02.2018
2)L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha.
3)Lr No.CE/C/Thermal/SE.TCD-I/EE3/F.Sed.tank/D.No.198/2018-19,Dt.04.10.2018

1 **SCOPE OF CONTRACT/ORDER :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

2 **SCHEDULE OF MATERIALS & PRICES :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha.

Total PO amount: Rs.9,73,88,930.00 (including all taxes but excluding GST)
GST amount: Rs.1;72,61,070.00
Total PO amount: Rs.11,46,50,000.00 (including all taxes and GST)
PO Amount : Rs. 97,388,930.00
In words : RUPEES NINE CRORE SEVENTYTHREE LAKH EIGHTYEIGHT THOUSAND NINE HUNDRED THIRTY ONLY

3 **PRICE BASIS :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

4 **TERMS OF PAYMENT :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

5 **SECURITY DEPOSIT :**
The contractor have furnished D.D.No.010681,Dt.21.02.2018 for Rs.1,00,000/- and B.G.NO.170389IBGP00174 Dt.21.11.2017 for Rs.18,50,000/- issued by IDBI bank Ltd, Nagpur towards EMD and B.G.No.180389IBGP00121, Dt.12.03.2018 for Rs.37,82,500.00 issued by IDBI bank Ltd, Nagpur towards Security Deposit.

6 **GUARANTEE PERIOD :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

7 **DELIVERY PERIOD :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

8 **LIQUIDATED DAMAGES :**

As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

9 **GENERAL TERMS :**

All terms and conditions are as per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha.

Further, the approved billing break up is subject to the following terms & conditions:

1)The billing break up is based on the contract value and is provisional subject to changes during detailed Engineering wherever required.

2)In case of amount required to execute the contractual scope of work exceeds the amount indicated in the billing break up, M/s.Lars Enviro Pvt Limited, Nagpur have to execute the actual quantities required to complete the work as per order and to the satisfaction of Engineer-In-Charge.

3)The Billing break up is purely for billing purpose only .For payment purpose suitable deduction towards retention amount and Seignorage charges will be affected as per contract payment terms

4)Payment shall be made on prorata basis depending upon the work executed and evaluated w.r.t approved construction drawings either visually or measured randomly. All quantities/ amounts are indicative only and any variation from the specified quantity/ amount will not attract any increase/ reduction from the contract price

5)Any works/ items not mentioned in BBU and are required as per technical specification/ the scope defined in the contract shall be supplied/ executed without any cost implication to TSGENCO with in contract price

6)Additional quantity/ item/work, if required as per approved drawings and documents and within the scope of specification will be installed in the allocated price without any commercial/ cost implication. However, balance unbilled amount, if any shall be paid as lump sum on completion of work in full shape

7)Total contract price shall be restricted to Rs. 11,46,50,000.00 including all taxes and duties. The Contractor shall not claim any amount beyond Rs. 11,46,50,000.00 for the completion of subject work in full shape as per the scope of PO/Agreement.

8)Each Structure /Foundation amount shall be restricted to the amount specified in the above breakup.

9)The contractor shall execute all connected activities whether mentioned or not above but are required for completion of system in full shape.

10)The Contractor undertakes that in case of any of the amounts under any item are found to be abnormally lower than the required amount; TSGENCO can review the same at anytime and alter the quantities / amounts accordingly.

11)Any material which may be surplus on completion of work shall be taken by M/s.Lars Enviro Pvt Limited, Nagpur

12)Payment terms: Payment will be made on Pro-rata basis as per terms and conditions of the contract.

For & On behalf of TSGENCO.

Chief Engineer/ Civil (Thermal)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

1)Copy to the Chief Engineer/O&M/KTPS-V & VI stages/Paloncha/ Bhadradri-Kothagudem Dist-507115
2)Copy to the FA&CCA(Resources)/TSGENCO/Vidyut Soudha/Hyderabad
3)Copy to the Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha/Bhadradri-Kothagudem Dist-507115
4)Copy to the SAO/KTPS-V & VI Stages/Paloncha/Bhadradri-Kothagudem Dist-507115
5)Copy to the SAO (P&A)/TSGENCO/Vidyut Soudha/Hyderabad

Annexure - 1

PO No: 4900027260 / / / L01 / 2018 - 19 / / DT.22.10.2018

Sub: KTPS-V & VI Stages-Design, Supply, construction, erection, testing and commissioning of sedimentation tank with mechanized system for treatment of effluents of KTPS V Stage including Civil, Mechanical, Electrical and C&I works at KTPS V Stage, Paloncha, Bhadradri-Kothagudem Dist-Detailed Billing Break up - Reg

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(9954)					
1	Basic Engineering Drawing for Piping & Instrumentation Diagram-1 No and Drain trench layout	NO	1.000	750,000.00	1	750,000.00
2	General Arrangement Drawing for Sedimentation Tank,Drain Trench-5,6 & 7	NO	1.000	750,000.00	1	750,000.00
3	Detail Engineering Drawing i.e.,RCC Detail drawing for Sedimentation Tank,Drain Trench-5,6,7,pump foundation,piping supports foundation,interconnecting drain and GA & RCC Detail Drg for RCC Paving and Culverts	NO	1.000	1,500,000.00	1	1,500,000.00
2	(9954)					
1	Suppy of Bar Screen	NO	12.000	20,000.00	1	240,000.00
2	Supply of level Switches	NO	3.000	15,000.00	1	45,000.00
3	Supply of level guage	NO	3.000	10,500.00	1	31,500.00
4	Supply of Sluice gate	NO	4.000	250,000.00	1	1,000,000.00
5	Supply of sludge removal crane with Structure	NO	1.000	6,251,421.00	1	6,251,421.00
6	Filtered Water Transfer Horizontal Pumps with Motor	NO	3.000	450,000.00	1	1,350,000.00
7	Drain Sump Transfer Vertical Pumps with motor	NO	2.000	150,000.00	1	300,000.00
8	Supply of pipes	LOT	2.000	3,000,000.00	1	6,000,000.00
9	Supply of Pipe Fitting	LOT	1.000	600,000.00	1	600,000.00
10	Valves Manual	LOT	1.000	1,500,000.00	1	1,500,000.00
11	Motorised Butterfly valves for drain pum	NO	1.000	250,000.00	1	250,000.00
12	Motorised Butterfly valves for HP pump	NO	1.000	250,000.00	1	250,000.00
13	Electrical Cables	LOT	1.000	300,000.00	1	300,000.00
14	Earthing Material & Accessories	LOT	1.000	150,000.00	1	150,000.00
15	MCC Panel (including Relay based control panel)	NO	1.000	500,000.00	1	500,000.00
16	Motor Canopies	LOT	1.000	100,000.00	1	100,000.00
17	Cable Tray & Accessories	LOT	1.000	100,000.00	1	100,000.00
18	Main lighting distribution panel with dry type transformer and lighting distribution panel	LOT	1.000	100,000.00	1	100,000.00
19	Ligting fixtures and	LOT	1.000	50,000.00	1	50,000.00

	accessories					
20	Pressure switch for drain pumps	NO	2.000	10,000.00	1	20,000.00
21	Pressure guage for drain pumps	NO	2.000	8,000.00	1	16,000.00
22	Instrumentation Erection Hardware	LOT	1.000	90,000.00	1	90,000.00
23		LOT	1.000	58,000.00	1	58,000.00
	Instrumentation Control Cables& cable Accessories					
3	(9954)					
1		NO	1.000	200,000.00	1	200,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Pump installtion					
2		LOT	1.000	300,000.00	1	300,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Piping work					
3		LOT	1.000	200,000.00	1	200,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Equipment Installtion					
4		NO	1.000	200,000.00	1	200,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Crane installation					
5		LOT	1.000	100,000.00	1	100,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Panel Installtion & Electrical work					
4	(9954)					
1	Spare for Motor torized Butterfly valve	LOT	1.000	100,000.00	1	100,000.00
2	Spare for Ball valves	LOT	1.000	50,000.00	1	50,000.00
3	Spare for Pumps (For Each type of pump)	LOT	1.000	100,000.00	1	100,000.00
4	Spare for Crane	LOT	1.000	75,000.00	1	75,000.00
5	Spare for 415 V switch gear	LOT	1.000	50,000.00	1	50,000.00
6	Spare for LT motars	LOT	1.000	100,000.00	1	100,000.00
7	Spare for Instruments	LOT	1.000	25,000.00	1	25,000.00
5	(9954)					
1	2 lbs ball pein hammers	NO	2.000	723.00	1	1,446.00
2	Cinclip plier	NO	2.000	651.00	1	1,302.00
3	6 inch outside and	NO	2.000	723.00	1	1,446.00

	inside calipers.					
4	set Box spanner set up to 36mm.	NO	1.000	3,615.00	1	3,615.00
5		NO	2.000	578.00	1	1,156.00
	Double end spanners and ring spanners up to 36mm size.					
6		NO	2.000	723.00	1	1,446.00
	30m long metalic measuring tape and two (2)- 5m long metalic measuring tape.					
7		NO	2.000	144.00	1	288.00
	Hacksaw frames with a dozen hacksaw blades.					
8	Allen keys. Up to 24mm	NO	2.000	10,123.00	1	20,246.00
9	18 inch pipe wrenches.	NO	2.000	1,157.00	1	2,314.00
10	10 inch right angle.	NO	1.000	2,170.00	1	2,170.00
11	12 inch aluminum Spirit levels.	NO	2.000	723.00	1	1,446.00
12	10 inch slide wrenches	NO	2.000	2,892.00	1	5,784.00
13		NO	1.000	1,278.00	1	1,278.00
	6 inch, 8 inch, 10 inch & 12 inch screw drivers					
14	Insulated pliers.	NO	2.000	1,446.00	1	2,892.00
15	Tommy bars.	NO	2.000	1,012.00	1	2,024.00
16	Hand gloves.	NO	2.000	217.00	1	434.00
17		NO	2.000	1,967.00	1	3,934.00
	Lifting wire rope slings 8 feet with eye at each end 1/2 inch size and 5/8 inch size.					
18	Miscellaneous	LS	1.000	3.00	1	3.00
6	(9954)					
1		LOT	1.000	3,147,224.00	1	3,147,224.00
	Sedimentation Tank-Against Excavation & PCC - 20%					
2		LOT	1.000	3,934,030.00	1	3,934,030.00
	Sedimentation Tank-Against base slab Concreting - 25%					
3		LOT	1.000	3,147,224.00	1	3,147,224.00
	Sedimentation Tank-Against 50% completion of wall - 20%					
4		LOT	1.000	3,147,224.00	1	3,147,224.00
	Sedimentation Tank-Against 100% completion of wall - 20%					
5		LOT	1.000	2,360,418.00	1	2,360,418.00
	Against 100% completion of wall of paving around culvert - 15%					
6		LOT	1.000	7,524,000.00	1	7,524,000.00
	RCC Surface Drain (D5) = Total length = 330 mtr- Against per running mtr @ rate of 22800/-					
7		LOT	1.000	9,684,500.00	1	9,684,500.00
	RCC Surface Drain (D6) = Total length = 350 mtr-Against per running mtr @ rate of 27670/-					

8	RCC Surface Drain (D7) = Total length = 130 mtr-Against per running mtr length @ rate of 27040/- for drain D7	LOT	1.000	3,515,200.00	1	3,515,200.00
9	Interconnection of Drain D5 to D7	LOT	1.000	875,000.00	1	875,000.00
10	Interconnection of Drain D6 to D7	LOT	1.000	875,000.00	1	875,000.00
11	culverts	LOT	1.000	12,916,301.00	1	12,916,301.00
12	Supply of cement = Total Cement bag = 25000-Against per bag @ rate of 250/-	LOT	1.000	6,250,000.00	1	6,250,000.00
13	Supply of steel = Total steel = 250 Tons-Against per metric ton @ rate of 50000/-	LOT	1.000	12,500,000.00	1	12,500,000.00
14	Pump & Blower Foundation-Against 50 % completion of work - 50%	LOT	1.000	148,358.00	1	148,358.00
15	Pump & Blower Foundation-Against 100% completion of work - 50%	LOT	1.000	148,358.00	1	148,358.00
16	Piping supports-Against 50 % completion of work - 50%	LOT	1.000	433,423.00	1	433,423.00
17	Piping supports-Against 100 % completion of work - 50%	LOT	1.000	433,423.00	1	433,423.00
18	Miscellaneous works (9954)	LS	1.000	1,000,000.00	1	1,000,000.00
7 1	Towards EPF	LS	650,000.000	1.00	1	650,000.00
2	Towards ESI	LS	350,000.000	1.00	1	350,000.00
3	Towards Labour cess	LS	248,146.000	1.00	1	248,146.00
4	Towards Freight	LS	225,000.000	1.00	1	225,000.00
5	Towards Transit Insurance	LS	20,956.000	1.00	1	20,956.00

Total Amount : **Rs. 97,388,930.00**

Total Amount in Words : RUPEES NINE CRORE SEVENTYTHREE LAKH EIGHTYEIGHT THOUSAND NINE HUNDRED THIRTY ONLY

Chief Engineer/ Civil (Thermal)

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
The Chief Engineer/ Civil
Thermal,
TSGENCO, A-Block,
Vidyut Soudha, Hyderabad-082

To :
M/s LARS ENVIRO PVT LIMITED
#168,NELCO SOCIETY,
SUBASH NAGAR,
NAGPUR 440022, Maharashtra

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPS(Construction)

Vendor Code : 203394
GSTIN : 27AAACL2803K1ZN
PAN No.: AAACL2803K

PO No: 4900027260 / / / L01 / 2018 - 19 / / DT. 22.10.2018

Sub: KTPS-V & VI Stages-Design, Supply, construction, erection, testing and commissioning of sedimentation tank with mechanized system for treatment of effluents of KTPS V Stage including Civil, Mechanical, Electrical and C&I works at KTPS V Stage, Paloncha, Bhadradri-Kothagudem Dist-Detailed Billing Break up - Reg

Ref : 1)LOI No.CC-0066/ED/Civil/Thermal/SE.TCD-I/EE3/F.Sed.tank/ D.No.342/2017-18,Dt.24.02.2018
2)L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha.
3)Lr No.CE/C/Thermal/SE.TCD-I/EE3/F.Sed.tank/D.No.198/2018-19,Dt.04.10.2018

1 **SCOPE OF CONTRACT/ORDER :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

2 **SCHEDULE OF MATERIALS & PRICES :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha.

Total PO amount: Rs.9,73,88,930.00 (including all taxes but excluding GST)
GST amount: Rs.1;72,61,070.00
Total PO amount: Rs.11,46,50,000.00 (including all taxes and GST)
PO Amount : Rs. 97,388,930.00
In words : RUPEES NINE CRORE SEVENTYTHREE LAKH EIGHTYEIGHT THOUSAND NINE HUNDRED THIRTY ONLY

3 **PRICE BASIS :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

4 **TERMS OF PAYMENT :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

5 **SECURITY DEPOSIT :**
The contractor have furnished D.D.No.010681,Dt.21.02.2018 for Rs.1,00,000/- and B.G.NO.170389IBGP00174 Dt.21.11.2017 for Rs.18,50,000/- issued by IDBI bank Ltd, Nagpur towards EMD and B.G.No.180389IBGP00121, Dt.12.03.2018 for Rs.37,82,500.00 issued by IDBI bank Ltd, Nagpur towards Security Deposit.

6 **GUARANTEE PERIOD :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

7 **DELIVERY PERIOD :**
As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

8 **LIQUIDATED DAMAGES :**

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As per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha

9 **GENERAL TERMS :**

All terms and conditions are as per L.S Agt No.69618004, Dt.24.04.2018 of Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha.

Further, the approved billing break up is subject to the following terms & conditions:

1)The billing break up is based on the contract value and is provisional subject to changes during detailed Engineering wherever required.

2)In case of amount required to execute the contractual scope of work exceeds the amount indicated in the billing break up, M/s.Lars Enviro Pvt Limited, Nagpur have to execute the actual quantities required to complete the work as per order and to the satisfaction of Engineer-In-Charge.

3)The Billing break up is purely for billing purpose only .For payment purpose suitable deduction towards retention amount and Seignorage charges will be affected as per contract payment terms

4)Payment shall be made on prorata basis depending upon the work executed and evaluated w.r.t approved construction drawings either visually or measured randomly. All quantities/ amounts are indicative only and any variation from the specified quantity/ amount will not attract any increase/ reduction from the contract price

5)Any works/ items not mentioned in BBU and are required as per technical specification/ the scope defined in the contract shall be supplied/ executed without any cost implication to TSGENCO with in contract price

6)Additional quantity/ item/work, if required as per approved drawings and documents and within the scope of specification will be installed in the allocated price without any commercial/ cost implication. However, balance unbilled amount, if any shall be paid as lump sum on completion of work in full shape

7)Total contract price shall be restricted to Rs. 11,46,50,000.00 including all taxes and duties. The Contractor shall not claim any amount beyond Rs. 11,46,50,000.00 for the completion of subject work in full shape as per the scope of PO/Agreement.

8)Each Structure /Foundation amount shall be restricted to the amount specified in the above breakup.

9)The contractor shall execute all connected activities whether mentioned or not above but are required for completion of system in full shape.

10)The Contractor undertakes that in case of any of the amounts under any item are found to be abnormally lower than the required amount; TSGENCO can review the same at anytime and alter the quantities / amounts accordingly.

11)Any material which may be surplus on completion of work shall be taken by M/s.Lars Enviro Pvt Limited, Nagpur

12)Payment terms: Payment will be made on Pro-rata basis as per terms and conditions of the contract.

For & On behalf of TSGENCO

Chief Engineer/ Civil (Thermal)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

1)Copy to the Chief Engineer/O&M/KTPS-V & VI stages/Paloncha/ Bhadradri-Kothagudem Dist-507115
2)Copy to the FA&CCA(Resources)/TSGENCO/Vidyut Soudha/Hyderabad
3)Copy to the Superintending Engineer/Civil/KTPS-V & VI Stages/Paloncha/Bhadradri-Kothagudem Dist-507115
4)Copy to the SAO/KTPS-V & VI Stages/Paloncha/Bhadradri-Kothagudem Dist-507115
5)Copy to the SAO (P&A)/TSGENCO/Vidyut Soudha/Hyderabad

Annexure - 1

PO No: 4900027260 / / / L01 / 2018 - 19 / / DT.22.10.2018

Sub: KTPS-V & VI Stages-Design, Supply, construction, erection, testing and commissioning of sedimentation tank with mechanized system for treatment of effluents of KTPS V Stage including Civil, Mechanical, Electrical and C&I works at KTPS V Stage, Paloncha, Bhadradri-Kothagudem Dist-Detailed Billing Break up - Reg

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(9954)					
1	Basic Engineering Drawing for Piping & Instrumentation Diagram-1 No and Drain trench layout	NO	1.000	750,000.00	1	750,000.00
2	General Arrangement Drawing for Sedimentation Tank,Drain Trench-5,6 & 7	NO	1.000	750,000.00	1	750,000.00
3	Detail Engineering Drawing i.e.,RCC Detail drawing for Sedimentation Tank,Drain Trench-5,6,7,pump foundation,piping supports foundation,interconnecting drain and GA & RCC Detail Drg for RCC Paving and Culverts	NO	1.000	1,500,000.00	1	1,500,000.00
2	(9954)					
1	Suppy of Bar Screen	NO	12.000	20,000.00	1	240,000.00
2	Supply of level Switches	NO	3.000	15,000.00	1	45,000.00
3	Supply of level guage	NO	3.000	10,500.00	1	31,500.00
4	Supply of Sluice gate	NO	4.000	250,000.00	1	1,000,000.00
5	Supply of sludge removal crane with Structure	NO	1.000	6,251,421.00	1	6,251,421.00
6	Filtered Water Transfer Horizontal Pumps with Motor	NO	3.000	450,000.00	1	1,350,000.00
7	Drain Sump Transfer Vertical Pumps with motor	NO	2.000	150,000.00	1	300,000.00
8	Supply of pipes	LOT	2.000	3,000,000.00	1	6,000,000.00
9	Supply of Pipe Fitting	LOT	1.000	600,000.00	1	600,000.00
10	Valves Manual	LOT	1.000	1,500,000.00	1	1,500,000.00
11	Motorised Butterfly valves for drain pum	NO	1.000	250,000.00	1	250,000.00
12	Motorised Butterfly valves for HP pump	NO	1.000	250,000.00	1	250,000.00
13	Electrical Cables	LOT	1.000	300,000.00	1	300,000.00
14	Earthing Material & Accessories	LOT	1.000	150,000.00	1	150,000.00
15	MCC Panel (including Relay based control panel)	NO	1.000	500,000.00	1	500,000.00
16	Motor Canopies	LOT	1.000	100,000.00	1	100,000.00
17	Cable Tray & Accessories	LOT	1.000	100,000.00	1	100,000.00
18	Main lighting distribution panel with dry type transformer and lighting distribution panel	LOT	1.000	100,000.00	1	100,000.00
19	Ligting fixtures and	LOT	1.000	50,000.00	1	50,000.00

	accessories					
20	Pressure switch for drain pumps	NO	2.000	10,000.00	1	20,000.00
21	Pressure guage for drain pumps	NO	2.000	8,000.00	1	16,000.00
22	Instrumentation Erection Hardware	LOT	1.000	90,000.00	1	90,000.00
23		LOT	1.000	58,000.00	1	58,000.00
	Instrumentation Control Cables& cable Accessories					
3	(9954)					
1		NO	1.000	200,000.00	1	200,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Pump installtion					
2		LOT	1.000	300,000.00	1	300,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Piping work					
3		LOT	1.000	200,000.00	1	200,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Equipment Installtion					
4		NO	1.000	200,000.00	1	200,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Crane installation					
5		LOT	1.000	100,000.00	1	100,000.00
	Price for loading/unloading at site, handling, storage, erection, fabrication, structural works, storage & erection insurance, testing, commissioning & performance test at site-Panel Installtion & Electrical work					
4	(9954)					
1	Spare for Motor torized Butterfly valve	LOT	1.000	100,000.00	1	100,000.00
2	Spare for Ball valves	LOT	1.000	50,000.00	1	50,000.00
3	Spare for Pumps (For Each type of pump)	LOT	1.000	100,000.00	1	100,000.00
4	Spare for Crane	LOT	1.000	75,000.00	1	75,000.00
5	Spare for 415 V switch gear	LOT	1.000	50,000.00	1	50,000.00
6	Spare for LT motars	LOT	1.000	100,000.00	1	100,000.00
7	Spare for Instruments	LOT	1.000	25,000.00	1	25,000.00
5	(9954)					
1	2 lbs ball pein hammers	NO	2.000	723.00	1	1,446.00
2	Cinclip plier	NO	2.000	651.00	1	1,302.00
3	6 inch outside and	NO	2.000	723.00	1	1,446.00

	inside calipers.					
4	set Box spanner set up to 36mm.	NO	1.000	3,615.00	1	3,615.00
5		NO	2.000	578.00	1	1,156.00
	Double end spanners and ring spanners up to 36mm size.					
6		NO	2.000	723.00	1	1,446.00
	30m long metalic measuring tape and two (2)- 5m long metalic measuring tape.					
7		NO	2.000	144.00	1	288.00
	Hacksaw frames with a dozen hacksaw blades.					
8	Allen keys. Up to 24mm	NO	2.000	10,123.00	1	20,246.00
9	18 inch pipe wrenches.	NO	2.000	1,157.00	1	2,314.00
10	10 inch right angle.	NO	1.000	2,170.00	1	2,170.00
11	12 inch aluminum Spirit levels.	NO	2.000	723.00	1	1,446.00
12	10 inch slide wrenches	NO	2.000	2,892.00	1	5,784.00
13		NO	1.000	1,278.00	1	1,278.00
	6 inch, 8 inch, 10 inch & 12 inch screw drivers					
14	Insulated pliers.	NO	2.000	1,446.00	1	2,892.00
15	Tommy bars.	NO	2.000	1,012.00	1	2,024.00
16	Hand gloves.	NO	2.000	217.00	1	434.00
17		NO	2.000	1,967.00	1	3,934.00
	Lifting wire rope slings 8 feet with eye at each end 1/2 inch size and 5/8 inch size.					
18	Miscellaneous	LS	1.000	3.00	1	3.00
6	(9954)					
1		LOT	1.000	3,147,224.00	1	3,147,224.00
	Sedimentation Tank-Against Excavation & PCC - 20%					
2		LOT	1.000	3,934,030.00	1	3,934,030.00
	Sedimentation Tank-Against base slab Concreting - 25%					
3		LOT	1.000	3,147,224.00	1	3,147,224.00
	Sedimentation Tank-Against 50% completion of wall - 20%					
4		LOT	1.000	3,147,224.00	1	3,147,224.00
	Sedimentation Tank-Against 100% completion of wall - 20%					
5		LOT	1.000	2,360,418.00	1	2,360,418.00
	Against 100% completion of wall of paving around culvert - 15%					
6		LOT	1.000	7,524,000.00	1	7,524,000.00
	RCC Surface Drain (D5) = Total length = 330 mtr- Against per running mtr @ rate of 22800/-					
7		LOT	1.000	9,684,500.00	1	9,684,500.00
	RCC Surface Drain (D6) = Total length = 350 mtr-Against per running mtr @ rate of 27670/-					

8	RCC Surface Drain (D7) = Total length = 130 mtr-Against per running mtr length @ rate of 27040/- for drain D7	LOT	1.000	3,515,200.00	1	3,515,200.00
9	Interconnection of Drain D5 to D7	LOT	1.000	875,000.00	1	875,000.00
10	Interconnection of Drain D6 to D7	LOT	1.000	875,000.00	1	875,000.00
11	culverts	LOT	1.000	12,916,301.00	1	12,916,301.00
12	Supply of cement = Total Cement bag = 25000-Against per bag @ rate of 250/-	LOT	1.000	6,250,000.00	1	6,250,000.00
13	Supply of steel = Total steel = 250 Tons-Against per metric ton @ rate of 50000/-	LOT	1.000	12,500,000.00	1	12,500,000.00
14	Pump & Blower Foundation-Against 50 % completion of work - 50%	LOT	1.000	148,358.00	1	148,358.00
15	Pump & Blower Foundation-Against 100% completion of work - 50%	LOT	1.000	148,358.00	1	148,358.00
16	Piping supports-Against 50 % completion of work - 50%	LOT	1.000	433,423.00	1	433,423.00
17	Piping supports-Against 100 % completion of work - 50%	LOT	1.000	433,423.00	1	433,423.00
18	Miscellaneous works (9954)	LS	1.000	1,000,000.00	1	1,000,000.00
7						
1	Towards EPF	LS	650,000.000	1.00	1	650,000.00
2	Towards ESI	LS	350,000.000	1.00	1	350,000.00
3	Towards Labour cess	LS	248,146.000	1.00	1	248,146.00
4	Towards Freight	LS	225,000.000	1.00	1	225,000.00
5	Towards Transit Insurance	LS	20,956.000	1.00	1	20,956.00

Total Amount : Rs. 97,388,930.00

Total Amount in Words : RUPEES NINE CRORE SEVENTYTHREE LAKH EIGHTYEIGHT THOUSAND NINE HUNDRED THIRTY ONLY

Chief Engineer/ Civil (Thermal)

TGGENCO
KTPS-V
Form 3.2: Financing of Additional Capitalisation

S. No.	Particulars	FY 2024-25	FY 2025-6	FY 2026-27
			Apr - Mar	n+1
		Actual	Estimated	Projected
1	Additional capitalisation	**11.55**		**27.08**
2	**Financing Details**			
	Loan 1			
	Loan 2			
	...			
	Total Loan	**0.00**	**0.00**	**0.00**
3	Equity			
4	Internal Resources	11.55	0.00	27.08
5	Others (Please Specify)			
6	**Total (2+3+4+5)**	**11.55**	**0.00**	**27.08**

TGGENCO
KTPS-V
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		3.52	-		3.52	-	-		-	3.52	3.52
2	BUILDINGS	1100		92.48	-		92.48	83.23	-		83.23	9.25	9.25
3	LINES AND CABLE NET	1200		69.16	0.50		69.66	62.24	0.07		62.32	6.92	7.35
4	PLANT AND EQUIPMEN	1300		1,732.91	10.89		1,743.79	1,418.14	27.90		1,446.04	314.77	297.76
5	CAPITAL SPARES	1400		51.96	-		51.96	51.96	-		51.96	-	-
6	HYDRAULIC WORKS	1500		195.84	-		195.84	176.26	-		176.26	19.58	19.58
7	OTHER CIVIL WORKS	1600		117.55	-		117.55	105.79	-		105.79	11.75	11.75
8	VEHICLES	1700		1.00	-		1.00	0.34	0.41		0.75	0.66	0.25
9	FURNITURE & FIXTURE	1800		1.21	-		1.21	0.85	0.04		0.88	0.36	0.33
10	COMPUTERS	1900		3.07	0.01		3.07	2.60	0.34		2.94	0.47	0.13
11	OFFICE EQUIPMENTS	2100		1.33	0.15		1.48	0.83	0.43		1.26	0.50	0.22
12	INTANGIBLE ASSETS	2200		0.02	-		0.02	0.02	-		0.02	-	-
	Total		**1.28%**	**2,270.04**	**11.55**	**-**	**2,281.59**	**1,902.26**	**29.19**	**-**	**1,931.45**	**367.78**	**350.14**

FY 2025-26														
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		3.52			3.52	-			-	3.52	3.52
2	BUILDINGS	1100		92.48			92.48	83.23			83.23	9.25	9.25
3	LINES AND CABLE NET	1200		69.66			69.66	62.32			62.32	7.35	7.35
4	PLANT AND EQUIPMEN	1300		1,743.79			1,743.79	1,446.04	30.50		1,476.54	297.76	267.26
5	CAPITAL SPARES	1400		51.96			51.96	51.96			51.96	-	-
6	HYDRAULIC WORKS	1500		195.84			195.84	176.26			176.26	19.58	19.58
7	OTHER CIVIL WORKS	1600		117.55			117.55	105.79			105.79	11.75	11.75
8	VEHICLES	1700		1.00			1.00	0.75			0.75	0.25	0.25
9	FURNITURE & FIXTURE	1800		1.21			1.21	0.88			0.88	0.33	0.33
10	COMPUTERS	1900		3.07			3.07	2.94			2.94	0.13	0.13
11	OFFICE EQUIPMENTS	2100		1.48			1.48	1.26			1.26	0.22	0.22
12	INTANGIBLE ASSETS	2200		0.02			0.02	0.02			0.02	-	-
	Total		1.34%	2281.59	0.00	0.00	2281.59	1931.45	30.50	0.00	1961.95	350.14	319.64

FY 2026-27													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		3.52			3.52	-			-	3.52	3.52
2	BUILDINGS	1100		92.48			92.48	83.23			83.23	9.25	9.25
3	LINES AND CABLE NET	1200		69.66			69.66	62.32			62.32	7.35	7.35
4	PLANT AND EQUIPMEN	1300		1,743.79	27.08		1,770.87	1,476.54	34.56		1,511.10	267.26	259.78
5	CAPITAL SPARES	1400		51.96			51.96	51.96			51.96	-	-
6	HYDRAULIC WORKS	1500		195.84			195.84	176.26			176.26	19.58	19.58
7	OTHER CIVIL WORKS	1600		117.55			117.55	105.79			105.79	11.75	11.75
8	VEHICLES	1700		1.00			1.00	0.75			0.75	0.25	0.25
9	FURNITURE & FIXTURE	1800		1.21			1.21	0.88			0.88	0.33	0.33
10	COMPUTERS	1900		3.07			3.07	2.94			2.94	0.13	0.13
11	OFFICE EQUIPMENTS	2100		1.48			1.48	1.26			1.26	0.22	0.22
12	INTANGIBLE ASSETS	2200		0.02			0.02	0.02			0.02	-	-
	Total		1.51%	2281.59	27.08	0.00	2308.67	1961.95	34.56	0.00	1996.51	319.64	312.16

TGGENCO
KTPS-V
Form 5: Interest and finance charges on loan

A. Normative Loan **(Rs. Crore)**

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Opening Balance of Gross Normative Loan		1589.03	1589.03		1597.69		1597.69
2	Cumulative Repayment till the year		1902.26	1902.26		1902.26		1931.45
3	Opening Balance of Net Normative Loan	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets							
5	Addition of Normative Loan due to capitalisation during the year1		8.66	8.66	0.00	0.00	0.00	20.31
6	Repayment of Normative loan during the year		29.19	29.19	1.44	30.50	1.44	34.56
7	Closing Balance of Net Normative Loan		**0.00**	**0.00**		**0.00**		**0.00**
8	Closing Balance of Gross Normative Loan		**1568.50**	**1568.50**		**1567.19**		**1583.44**
9	Average Balance of Net Normative Loan		**0.00**	**0.00**		**0.00**		**0.00**
10	Weighted average Rate of Interest on actual Loans (%)		9.55%	9.55%		9.55%		9.55%
11	Interest	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**
12	Finance charges							
13	Total Interest & Finance charges	**0.23**	**0.00**	**0.00**	**0.38**	**0.00**	**0.24**	**0.00**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 Apr - Mar Projected
1	**Loan 1**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
2	**Loan 2**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
	.....			
	Total			
	Opening Balance of Loan	0.00	0.00	0.00
	Addition of Loan during the year	0.00	0.00	0.00
	Loan Repayment during the year	0.00	0.00	0.00
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)	0.00%	0.00%	0.00%
	Interest	0.00	0.00	0.00
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	0.00	0.00	0.00

TGGENCO
KTPS-V
Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Cost of coal, towards stock		74.51	74.51		74.81		68.50
2	Cost of coal for generation		111.77	111.77		112.21		102.75
3	Cost of secondary fuel oil		1.20	1.20		0.94		0.97
4	O&M expenses		23.80	23.80		25.00		26.08
5	Maintenance spares		22.70	22.70		22.82		22.82
6	Receivables1		229.16	229.16		231.29		219.06
	Less:							
7	Payables for Fuels2		112.97	112.97	0.00	113.15		103.72
8	Total Working Capital requirement	0.00	350.18	350.18	0.00	353.92	0.00	336.46
9	Interest rate		10.41%	10.41%		10.25%		10.25%
10	Interest on working capital	33.74	36.45	36.45	34.46	36.28	34.71	34.49

SBI one year MCLR

Month	FY 2024-25	
	No of days	SBI MCLR rate
April	15	8.65%
April-May	30	8.65%
May-June	31	8.75%
June-July	30	8.85%
July-August	31	8.95%
August-September	31	8.95%
September-October	30	8.95%
October-November	31	9%
November-December	30	9%
December-January	31	9%
January-February	31	9%
February-March	28	9%
March	16	9%
	365	**8.91%**

TGGENCO
KTPS-V
Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Regulatory Equity at the beginning of the year		681.012	681.012		683.90		683.90
2	Capitalisation during the year		11.55	11.55	0.00	0.00	0.00	27.08
3	Equity portion of capitalisation during the year	0.00	2.89	2.89	0.00	0.00	0.00	6.77
4	Reduction in Equity Capital on account of retirement / replacement of assets							
5	Regulatory Equity at the end of the year	**0.00**	**683.90**	**683.90**	**0.00**	**683.90**		**690.67**
	Rate of Return on Equity							
6	Base rate of Return on Equity	11.500%	15.500%	15.500%	15.500%	15.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**	**20.713%**	**20.713%**	**20.713%**	**20.713%**
	Return on Equity Computation							
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**141.06**	**141.06**	**0.00**	**141.66**		**141.66**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.30**	**0.30**	**0.00**	**0.00**		**0.70**
11	**Total Return on Equity**	**104.80**	**141.36**	**141.36**	**141.46**	**141.66**	**141.46**	**142.36**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

1

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Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12		**0.13**		**0.13**
2	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00		**0.00**		**0.00**
3	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.08	0.08		**0.08**		**0.09**
4	WATER CHARGES		0.93	0.93		**0.96**		**1.00**
5	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.01	0.01		**0.01**		**0.01**
6	CURRENT CONSUMPTION CHARGES		0.14	0.14		**0.14**		**0.15**
7	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.02	0.02		**0.02**		**0.02**
8	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.15	0.15		**0.16**		**0.17**
9	INCOME FROM SALE OF ASH		6.32	6.32		**6.57**		**6.83**
10	PROFIT ON SALE OF FIXED ASSETS		-	-		**0.00**		**0.00**
11	INCOME FROM SALE OF SCRAP		0.35	0.35		**0.37**		**0.39**
12	INCOME FROM SALE OF COAL REJECTS		-	-		**0.00**		**0.00**
13	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00		0.00		0.00
14	OTHER RENTAL OR LETTING OUT		0.06	0.06		0.06		0.06
15	SALE OF TENDER SPECIFICATIONS		0.08	0.08		0.09		0.09
16	VENDOR REGISTRATION FEE		0.00	0.00		0.00		0.00
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.07	0.07		0.36		0.37
18	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00		0.10		0.10
19	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01		0.01		0.01
	Total	**15.22**	**8.35**	**8.35**	**15.83**	**9.07**	**16.46**	**9.44**

TGGENCO
KTPS-V
Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		April-March	Apr - Mar	Apr - Mar
		Actual	Estimated	Projected
1	**Unit 1 / Station 1**			
A.	**Planned Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage	(enclosed as Annexure)		
B.	**Forced Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage			
2	**Unit 2 / Station 2**			
	.....			
	.....			
	.....			

Note:
Details of outages should be submitted for each Unit of each station separately

OVERHAUL SCHEDULES (ACTUAL/TENTATIVE) OF THERMAL POWER UNITS for FY: 2024-25, FY: 2025-26 and FY: 2026-27

Sl.No.	Station/Unit	2024-25 (ACTUAL)	2025-26	2026-27
	KTPS -V & VI Stages			
1	U9 (250MW)	Not carried out	01.06.2025 to 24.06.2025 (AOH)(24 Days)	Not Scheduled
2	U10 (250MW)	15.06.2024 to 20.08.2024 (COH) (67 Days)	Not Scheduled	10.07.2026 to 29.07.2026 (AOH) (20 Days)
3	U11 (500MW)	Not Scheduled	01.11.2025 to 20.11.2025 (AOH) (20 Days)	Not Scheduled
4	**KTPS Stage-VII** U12 (800MW)	**Not carried out**	25.06.2025 to 20.07.2025 (AOH) (25 Days)	Not Scheduled
	KTPP			
5	Stage-I (500MW)	11.07.2024 to 09.08.2024 (AOH) (30 Days)	Not Scheduled	01.06.2026 to 15.07.2026 (COH) (45 Days)
6	Stage-II (600MW)	16.11.2024 to 09.01.2024 (COH) (54 Days)	Not Scheduled	15.11.2026 to 04.12.2026 (AOH) (20 Days)
7	**RTS-B (62.5MW)**	**Not Scheduled**	Unit Phasinng out is approved by Board	
	BTPS (4x270MW)			
8	U1 (270MW)	02.07.2024 to 31.03.2025 (273 Days)	01.04.2025 to 13.04.2025 (13 Dyas)	18.06.2026 to 07.07.2026 (AOH) (20 Days)
9	U2 (270MW)	Not Scheduled	06-07-2025 to 31-07-2025 (AOH) (25 Days)	Not Scheduled
10	U3 (270MW)	Not Scheduled	01-12-2025 to 20-12-2025 (AOH) (20 Days)	Not Scheduled
11	U4 (270MW)	01.11.2024 to 30.11.2024 (AOH) (30 Days)	Not Scheduled	21.11.2026 TO 10.12.2026 (AOH) (20 Days)

AOH - Annual Overhauls, COH- Capital Overhauls

TELANAGANA STATE POWER GENERATION CORPORATION
Kothagudem Thermal Power Station- V Stage (2 x 250 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25	Current Year; 2025-26			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 2
		Actual	Actual	Estimated	Estimated	Projected
1	**Unit - 9 (250 MW)/ KTPS-V Stage**					
A.	**Planned Outages**	Not Scheduled	1		1	Not Scheduled
	No of days of outage		24 Days	Nil	24 Days	
	Period of Outage (Hrs)		01.06.2025 to 24.06.2025 (554:54:00)	Nil	01.06.2025 to 24.06.2025	
	Reasons for Outage		AOH	Nil	AOH	
B.	**Forced Outages**	13	3			
	No of days of outage	11.22	0.82			NIL
	Period of Outage (Hrs)	269:24:00	19:51:00			
	Reasons for Outage	Enclosed	Enclosed			
2	**Unit - 10 (250 MW)/ KTPS-V Stage**					
A.	**Planned Outages**	1	Not Scheduled			1
	No of days of outage	67 Days				20 Dyas
	Period of Outage (Hrs)	15-06-2024 to 20-08-2024 (1599:01:00Hrs)				10-07-2026 to 29-07-2026
	Reasons for Outage	COH				AOH
B.	**Forced Outages**	5	2			NIL
	No of days of outage	4.45	2.96	Nil		
	Period of Outage (Hrs)	106:46:00	71:13:00	Nil		
	Reasons for Outage	Enclosed	Enclosed	Nil		

Note:

AOH: Annual Overhuals

COH: Capital Overhauls

TELANGANA POWER GENERATION CORPORATION LTD

KOTHAGUDEM THERMAL POWER STATION , V STAGE - PALONCHA

Tripping details of Unit#09 for the year 2024-25

Sl. No	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	First cause of Boiler/Turbine Trip
1	07.05.2024/ 18:47 hrs.	08.05.2024/ 18:54 hrs.	24:07:00	Reserve shutdown as per the instructions of SLDC, Telangana
2	09.06.2024/ 08:30 hrs.	10.06.2024/ 18:11 hrs.	33:41:00	Forced shutdown due to Boiler tube failure at Economiser Zone
3	13.08.2024/ 21:45 hrs.	15.08.2024/ 06:12 hrs.	32:18:00	Forced shutdown due to Boiler tube failure at LTSH Zone
4	19.08.2024/ 22:46 hrs.	21.08.2024/ 13:08 hrs.	38:22:00	Forced shutdown due to Boiler tube failure at LTSH Zone
5	01.09.2024/ 00:01 hrs.	01.09.2024/ 02:45 hrs.	2:44:00	Boiler tripped on "Furnace pressure very high"
	01.09.2024/ 02:45 hrs.	12.09.2024/ 20:27 hrs.	281:42:00	Reserve shutdown as per the instructions of SLDC, Telangana
6	27.09.2024/ 10:20 hrs.	28.09.2024/ 15:14 hrs.	28:54:00	Forced shutdown due to Boiler tube failure at Platen SH Zone
7	27.10.2024/ 00:13 hrs.	27.10.2024/ 20:31 hrs.	20:18:00	Forced shutdown due to Boiler tube failure at Economizer Zone
8	25.11.2024/ 18:51 hrs.	26.11.2024/ 15:30 hrs.	20:39:00	Forced shutdown due to Boiler tube failure at Extended Steam cooled wall (SCW) zone
9	03.12.2024/ 09:12 hrs.	04.12.2024/ 08:17 hrs.	23:05:00	Forced shutdown due to Boiler tube failure at Back pass front wall tube zone
10	10.01.2025/ 02:47 hrs.	11.01.2025/ 04:13 hrs.	28:42:00	Forced shutdown due to Boiler tube failure at Economizer Zone
11	11.01.2025/ 21:16 hrs.	12.01.2025/ 01:14 hrs.	3:58:00	Unit tripped on "Generator Electrical Protection" (AVR problem)
12	14.01.2025/ 07:58 hrs.	15.01.2025/ 01:40 hrs.	17:42:00	Forced shutdown due to Boiler tube failure at Platen Superheater Zone
13	22.01.2025/ 17:41 hrs.	22.01.2025/ 20:23 hrs.	2:42:00	Boiler tripped on "Boiler Drum level Very Low", Turbine tripped on "Over speed" [Operation of Local Breaker Backup (LBB) led to tripping of 220 KV Bus-I and All feeders (GT-9, ST-VA,BDPD-I & Tie line-I) on Bus-I tripped]
14	21.02.2025/ 02:26 hrs.	21.02.2025/ 18:45 hrs.	16:19:00	Forced shutdown due to Boiler tube failure at Economizer Zone

TELANGANA POWER GENERATION CORPORATION LTD

KOTHAGUDEM THERMAL POWER STATION , V STAGE - PALONCHA

Tripping details of Unit#09 for the year 2025-26

Sl. No	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	First cause of Boiler/Turbine Trip
1	09.04.2025 / 12:25 hrs.	10.04.2025 / 03:53 hrs.	15:28:00	Boiler tripped on "Loss of all Fuel". [Forced shutdown due to Boiler tube failure at Water Walls zone]
2	22.05.2025/ 07:21 hrs.	22.05.2025/ 18:01 hrs.	FO: 1 hr 27 min RSD: 9 hr 13 min Total 10 hrs 40 min	Boiler tripped on " Unit Flame Failure " .[Forced shutdown due to Boiler trip on Flame failure]
3	31.05.2025/ 04:57 hrs.	24.06.2025/ 14:36 hrs	RSD: 31:05:00 AOH: 554:54:00 Total: 585:59:00	Boiler handtripped on " Loss of All fuel" @ 04:57 hrs on 31.05.2025 and kept under reserve stand by as per the instructions of TGSLDC up to 24:00 Hrs,31.05.2025 and then released for AOH works w.e.f 00:00 hrs, 01.06.2025
4	27.06.2025/ 18:04 hrs	27.06.2025/ 21:00 hrs	2:56:00	Boiler tripped on "Loss of All Fuel" and Turbine tripped on "Generator Mechanical Protection"
5	30.06.2025/ 13:19 hrs	05.07.2025/ 13:14 hrs	119:55:00	Boiler tripped on " Loss of All Fuel " (Planned shutdown to keep unit under Reserve standby as per the instructions of SLDC,Telangana)
	29.09.2025 21:47 hrs.	Cont...		Boiler tripped on " Loss of All Fuel " (Planned shutdown to keep unit under Reserve standby as per the instructions of SLDC,Telangana)

TELANGANA POWER GENERATION CORPORATION LTD

KOTHAGUDEM THERMAL POWER STATION , V STAGE - PALONCHA

Tripping details of Unit # 10 for the year 2024-25

Sl. No	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	First cause of Boiler/Turbine Trip
1	12.06.2024/ 20:31 hrs.	13.06.2024/ 21:32 hrs.	25:01:00	Forced shutdown due to ID fan 10B problem
2	15.06.2024/ 08:42 hrs.	20.08.2024/ 23:43 hrs.	1599:01:00	Unit released for capital overhaul for a period of 45 days.
3	28.08.2024/ 19:36 hrs.	30.08.2024/ 07:00 hrs.	35:24:00	Forced shutdown due to Boiler tube failure at Economiser Zone
4	01.09.2024/ 02:57 hrs.	12.09.2024/ 22:06 hrs.	283:09:00	Reserve shutdown as per the instructions of SLDC, Telangana
5	11.11.2024/ 18:48 hrs.	13.11.2024/ 11:38 hrs.	40:50:00	Forced shutdown due to Boiler tube failure at SH Extended steam cooled Wall (SCW) Zone
6	21.11.2024/ 16:09 hrs.	21.11.2024/ 19:40 hrs.	3:31:00	Boiler tripped on "Re-heater (RH) Protection" and Turbine tripped on "Generator Electrical Protection"
7	05.02.2025/ 18:54 hrs	05.02.2025/ 22:54 Hrs	4:00:00	Turbine tripped on "Boiler drum level very high (DO mal-function) & Boiler tripped on (Reheater) RH protection

TELANGANA POWER GENERATION CORPORATION LTD

KOTHAGUDEM THERMAL POWER STATION , V STAGE - PALONCHA

Tripping details of Unit # 10 for the year 2025-26

Sl. No	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	First cause of Boiler/Turbine Trip
1	06.06.2025/ 08:12 hrs.	08.06.2025/ 18:48 hrs.	FO:48:06 RSD:10:30	Boiler tube leak at Platen SH zone & **RSD.**
2	01.07.2025/ 11:21 hrs	04.07.2025/ 14:19 hrs	74:58:00	Boiler tripped on " Loss of All Fuel " (Planned shutdown to keep unit under **Reserve standby** as per the instructions of SLDC,Telangana)
3	25.07.2025/ 09:32 hrs	04.08.2025/ 15:37 Hrs	246:05:00	Boiler tripped on " Loss of All Fuel " (Planned shutdown to keep unit under **Reserve standby** as per the instructions of SLDC,Telangana)
4	07.08.2025/ 22:23 hrs	11.08.2025/ 13:46 Hrs	BTL: 23 hrs 07 min. RSD: 64 hrs 16 min. Total: 87 hrs. 23 min.	Boiler Tube leak at LTSH Zone & **RSD**
5	16.08.2025/ 08:51 hrs	21.08.2025/ 12:21 Hrs	RSD:123:30	Boiler tripped on " Loss of All Fuel " (Planned shutdown to keep unit under **Reserve standby** as per the instructions of SLDC,Telangana)
6	26.08.2025/ 21:21 hrs	08.09.2025 12:27 hrs.	RSD: 303:06 hrs.	Boiler tripped on " Loss of All Fuel " (Planned shutdown to keep unit under **Reserve standby** as per the instructions of SLDC,Telangana)
7	26.09.2025 21:39 hrs.	Cont...		Boiler tripped on " Flame Failure " (Planned shutdown to keep unit under Reserve standby as per the instructions of SLDC,Telangana)

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Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr- Mar	MYT/Tariff Order	Apr - Mar	
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected	
1	Installed Capacity	MW	2x250	500						
	COD		28.02.1998							
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pithead							
2	Availability									
2.1	Target Availability for full recovery of AFC	%	85	85	85	85	85	85	85	
2.2	Actual/Projected Availability	%		81.15	81.15		85		85	
3	Plant Load Factor (PLF)									
3.1	Target PLF for Incentive	%	85	85	85	85	85	85	85	
3.2	Actual/Projected PLF	%		65.88	65.88		85		85.03	
4	Gross Generation									
4.1	Scheduled Generation	MU		2568.95	2568.95		2921.38		3378.12	
4.2	Actual/Projected Gross Generation	MU		2885.67	2885.67		3243.69		3724.5	
5	Auxiliary Consumption									
5.1	Normative Auxiliary Energy Consumption	%	9.3	9.3	9.3	9.3	9.3	9.3	9.3	
5.2	Actual/Projected Auxiliary Energy Consumption	%		10.98	10.98		9.94		9.3	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		316.71	316.71		322.31		346.38	
5.4	Net Generation	MU		2568.95	2568.95		2921.38		3378.12	
6	Gross Station Heat Rate									
6.1	Normative Gross Station Heat Rate	kcal/kWh	2500	2500	2500	2500	2500	2500	2500	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2322.42	2322.42		2500		2500	
7	Secondary Fuel Oil Consumption									
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.61	0.61		0.5		0.5	
8	Transit Loss									
8.1	Normative Transit Loss	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%					0.8		0.8	

TGGENCO
KTPS-V
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25												FY 2025-26					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	126748.35	########	########	########	########	########	########	########	########	########	########	########	########	########	########	########	########	182119
2	Value ot stock	Rs.	57.98	49.42	57.30	118.93	79.61	61.19	91.12	91.17	124.52	128.05	124.96	118.06	131.02	94.90	100.50	140.81	128.33	78.82
B	**Procurement**																			
3	Quantity of coal suppllied by the coal company	MT	184765.38	########	########	42087.98	########	########	########	########	########	########	########	########	########	########	########	########	########	124265
4	Adjustment in coal quantity supplied by the coal company (-	MT																		
5	Coal supplied by coal company (3+4)	MT	**184765.38**	**240583**	**306162.4**	**42087.98**	**103965.4**	**219799**	**234442**	**288246**	**229047.2**	**222021.1**	**185646**	**272712.4**	**154357**	**274201.8**	**215853.6**	**141671**	**49310.1**	**124265**
6	Normative transit and handling loss	MT	1478.12	1924.66	2449.30	336.70	831.72	1758.39	1875.53	2305.96	1832.38	1776.17	1485.17	2181.70	1234.86	2193.61	1726.83	1133.37	394.48	994
7	Net coal supplied	MT	**183287.26**	**238658**	**303713.1**	**41751.28**	**103133.7**	**218041**	**232566**	**285940**	**227214.8**	**220245**	**184161**	**270530.7**	**153122**	**272008.2**	**214126.8**	**140538**	**48915.6**	**123271**
C	**Price**																			
8	Amount charged by coal company	Rs.	80.67	99.06	122.68	17.01	43.27	93.74	97.12	117.47	92.92	88.48	75.81	110.21	61.63	109.03	89.57	59.10	20.75	41.98
9	Adjustment in amount charged by the coal company	Rs.	5.11	5.88	4.81	-0.08	-1.88	-6.34	-2.36	-2.96	2.86	-0.83	0.19	1.01	-0.40	-1.11	-1.18	-0.10	-1.89	-1.74
10	Handling, sampling and such other similar charges	Rs.	0.14	0.17	0.15	0.17	0.26	0.16	0.31	0.30	0.22	0.52	0.67	0.36	0.16	0.15	0.19	0.35	0.57	0.17
11	Total amount charged (8+9+10)	Rs.	**85.91**	**105.11**	**127.65**	**17.10**	**41.65**	**87.56**	**95.08**	**114.81**	**95.99**	**88.17**	**76.67**	**111.58**	**61.39**	**108.07**	**88.58**	**59.35**	**19.44**	**40.40**
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.	4.19	5.94	6.94	0.95	2.36	5.22	5.33	6.54	5.19	5.04	4.21	6.19	3.50	6.22	4.90	3.21	1.12	2.81834
	By road	Rs.																		
	By ship	Rs.																		
	...	Rs.																		
13	Adjustment in amount charged by the coal transporter	Rs.																		
14	Demurrage charges, if any	Rs.																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.																		
16	Total Transportation charges (12+13+14+15)	Rs.	4.19	5.94	6.94	0.95	2.36	5.22	5.33	6.54	5.19	5.04	4.21	6.19	3.50	6.22	4.90	3.21	1.12	2.82
17	Total amount charged for coal supplied including transportation (11+16)	Rs.	**90.10**	**111.05**	**134.59**	**18.05**	**44.01**	**92.78**	**100.41**	**121.35**	**101.19**	**93.21**	**80.89**	**117.76**	**64.89**	**114.29**	**93.48**	**62.56**	**20.55**	**43.22**
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	**4776.24**	**4690.34**	**4505.85**	**4480.90**	**4402.36**	**4312.54**	**4315.03**	**4274.05**	**4352.61**	**4300.95**	**4336.39**	**4344.72**	**4308.68**	**4249.50**	**4304.61**	**4348.71**	**4327.84**	**3996.25**
19	Blending Ratio (Domestic/Imported)	%																		
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	3551.00	3333.00	3078.00	2530.00	2969.00	2924.00	3111.00	3040.00	3250.00	2964.00	3404.00	3213.00	3210.00	2795.00	3167.00	3373.00	3349.00	2915
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	3030.00	3198.94	3129.05	2965.94	2887.93	2830.46	2726.52	2754.70	2814.34	2935.26	2881.43	3001.35						
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	3315.00	3099.00	2901.00	2401.00	2734.00	2661.00	2780.00	2858.00	3089.00	2810.00	3189.00	3078.00						
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	**Weighted average GCV of coal as Received**	**kcal/kg**	**3198.94**	**3129.05**	**2965.94**	**2887.93**	**2830.46**	**2726.52**	**2754.70**	**2814.34**	**2935.26**	**2881.43**	**3001.35**	**3039.69**	**2800.00**	**2468.00**	**2736.00**	**3053.00**	**2892.00**	**2653.00**

Note:

1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3 Details to be provided for each source separately. In case of more than one source, add additional column.
4 Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Lim
Kothagudem Thermal Power Station-V & VI Stag
Form 11: Fuel Details for computation of Energy Charg

S. No.	Particulars	Units	Apr-24		May-24		Jun-24		Jul-24	
			HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
A	**Opening Quantity**									
1	Opening quantity of oil	KL	1735.75	141.66	1958.61	137.50	1811.09	127.50	1428.15	112.50
2	Value ot stock	Rs.in Crs	10.52	1.15	11.97	1.11	11.07	1.03	8.73	0.91
B	**Procurement**									
3	Quantity of oil supplied by the oil company	KL	292.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Adjustment in oil quantity supplied by the oil company	KL								
5	oil supplied by oil company (3+4)	KL	292.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Normative transit and handling loss	KL								
7	Net oil supplied	KL	292.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	**Price**									
8	Amount charged by oil company	Rs.in Crs	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Adjustment in amount charged by the oil company	Rs.in Crs								
10	Handling, sampling and such other similar charges	Rs.in Crs								
11	Total amount charged (8+9+10)	Rs.in Crs	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	**Transportation**									
12	Transportation charges									
	By rail	Rs.in Crs								
	By road	Rs.in Crs								
	By ship	Rs.in Crs								
	...	Rs.in Crs								
13	Adjustment in amount charged by the oil transporter	Rs.in Crs								
14	Demurrage charges, if any	Rs.in Crs								
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs								
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	**Total Cost**									
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	61101.91	80860.02	61101.91	80860.02	61101.91	80860.02	61101.91	80860.02
19	Blending Ratio (Domestic/Imported)									
20	Weighted average cost of oil for preceding three months	Rs./KL								
F	**Quality**									
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Compa	kcal/litre								
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre								
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre								
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre								
25	Weighted average GCV of Oil as Billed	kcal/litre								
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre								
27	GCV of Domestic Oil supplied as received at Station	kcal/litre								
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre								
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre								
30	Weighted average GCV of Oil as Received	kcal/litre								

Note:

	Particulars									
1	Oil Consumption	KL	69.42	4.17	147.52	10.00	382.93	15.00	21.97	0.00
2	Oil Consumption value	Rs.in Crs	0.42	0.03	0.90	0.08	2.34	0.12	0.13	0.00
3	Oil Consumption rate	Rs./KL	62220.54		62356.08		61846.68		61101.91	

ıited
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ge Rate

Aug-24		Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar
HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
1406.18	112.50	1569.40	161.66	1688.68	139.16	1616.48	134.16	1468.96	127.50	1368.52	124.16	1581.96	114.16	1462.68
8.59	0.91	9.81	1.28	10.47	1.10	10.02	1.06	9.11	1.01	8.49	0.98	9.79	0.90	9.05
628.81	98.00	405.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.84	0.00	0.00	0.00	423.37

-25	Apr-25		May-25		Jun-25		Jul-25		Aug-25		Sep-25	
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
111.66	1877.00	111.66	1836.20	105.83	1901.13	102.50	1867.74	113.34	1921.00	125.00	2050.32	128.80
0.88	11.73	0.88	11.48	0.84	11.81	0.81	11.49	0.86	11.80	0.94	12.54	0.97
0.00	0.00	0.00	159.10	0.00	625.77	49.00	358.38	34.00	541.69	49.00	274.62	0.00
0.00	0.00	0.00	159.10	0.00	625.77	49.00	358.38	34.00	541.69	49.00	274.62	0.00
0.00	0.00	0.00	159.10	0.00	625.77	49.00	358.38	34.00	541.69	49.00	274.62	0.00
0.00	0.00	0.00	0.91	0.00	3.74	0.34	2.18	0.25	3.26	0.37	1.63	0.00
0.00	0.00	0.00	0.91	0.00	3.74	0.34	2.18	0.25	3.26	0.37	1.63	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.91	0.00	3.74	0.34	2.18	0.25	3.26	0.37	1.63	0.00
79140.89	62503.21	79140.89	62104.47	79140.89	61532.95	75939.31	61429.23	75443.56	61140.27	75571.42	60922.73	75571.42

0.00	40.80	5.83	94.16	3.33	659.16	38.16	305.11	22.33	412.37	45.20	233.81	17.10
0.00	0.26	0.05	0.58	0.03	4.06	0.29	1.87	0.17	2.52	0.34	1.42	0.13
3.21	64584.12		62686.87		62321.32		62385.10		62565.82		61921.06	

TGGENCO
KTPS-V
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/ Tariff Order	Apr - Mar	MYT/ Tariff Order	n+1
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
Auxiliary Consumption	AUX	%	9.3	10.98	10.98	9.3	9.3	9.3	9.3
Gross Station Heat Rate	GSHR	kcal/kWh	2500	2322	2322	2500	2500	2500	2500
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.61	0.61	0.5	0.5	0.5	0.5
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819	9819	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	2857	2857	2857	2723	2723	2827	2827
Landed Price of Coal	LPPF	Rs./kg	4.42	4.42	4.42	4.0	4.003	3.8	3.8
Specific Coal Consumption		kg/kWh	0.87	0.81	0.81	0.92	0.92	0.88	0.88
Coal Rate		**Rs./kWh**	4.258	4.027	4.027	4.043	4.043	3.702	3.702
Oil Rate		**Rs./kWh**	0.035	0.043	0.043	0.034	0.034	0.035	0.035
ECR		**Rs./kWh**	**4.292**	**4.070**	**4.070**	**4.077**	**4.077**	**3.737**	**3.737**

TGGENCO
KTPS-V
Form 13: Sales

FY 2024-25
Audited

(MU)

Beneficiary	Actuals												Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	173.80	174.59	120.65	89.03	100.58	98.61	169.67	157.96	181.17	174.60	173.97	197.79	1812.40
TGNPDCL (29.45%)	72.55	72.88	50.36	37.16	41.98	41.16	70.83	65.94	75.62	72.88	72.62	82.57	756.56
Total	246.35	247.47	171.01	126.19	142.56	139.77	240.50	223.89	256.79	247.48	246.59	280.36	2568.96

FY 2025-26

(MU)

Beneficiary	Actuals						Estimated						Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	174.17	170.94	92.43	137.58	125.73	137.34	208.28	201.57	208.28	208.28	188.13	208.28	2061.03
TGNPDCL (29.45%)	72.71	71.35	38.59	57.43	52.49	57.33	86.95	84.14	86.95	86.95	78.53	86.95	860.35
Total	246.88	242.29	131.02	195.01	178.22	194.67	295.23	285.71	295.23	295.23	266.66	295.23	2921.38

FY 2026-27
Projected

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	201.57	208.28	201.57	139.17	208.28	201.57	208.28	201.57	208.28	208.28	188.13	208.28	2383.28
TGNPDCL (29.45%)	84.14	86.95	84.14	58.10	86.95	84.14	86.95	84.14	86.95	86.95	78.53	86.95	994.87
Total	285.71	295.23	285.71	197.27	295.23	285.71	295.23	285.71	295.23	295.23	266.66	295.23	3378.15

Telangana Power Generation Corporation Limited
KTPS-V Stage (2 X 250 MW)
Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)
Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month	%	87.74	84.59	59.05	45.21	47.85	90.74	92.84	93.82	97.01	89.07	94.89	94.50	81.15
3	Cumulative Availability (%)	%	87.45	85.86	76.96	68.85	64.57	68.81	72.48	75.11	77.58	78.74	80.09	81.32	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month	%	76.97	75.02	54.02	38.49	43.72	44.19	72.45	69.73	77.01	74.34	81.65	83.93	
6	Cumulative PLF (%)	%	76.97	75.98	68.74	61.05	57.54	55.35	57.83	59.29	61.29	62.61	64.21	65.88	
7	Gross Generation (MU)	MU	277.09	279.08	194.47	143.19	162.63	159.10	269.53	251.02	286.47	276.54	274.35	312.21	2885.68
8	Auxiliary Consumption (MU)	MU	30.74	31.61	23.46	17.00	20.06	19.33	29.03	27.13	29.68	29.07	27.77	31.85	316.73
9	Net Generation (MU)	MU	246.35	247.47	171.01	126.19	142.57	139.77	240.50	223.89	256.79	247.47	246.58	280.36	2568.95
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	4.190	4.190	4.190	4.190	4.190	4.190	4.190	4.190	4.190	4.190	4.190	4.190	
12	Approved Fixed Charges	Rs. Crore	27.67	27.67	27.67	27.67	27.67	27.67	27.67	27.67	27.67	27.67	27.67	27.67	331.98
13	Fuel Surcharge	Rs./kWh	4.254	4.273	4.337	4.431	4.446	4.526	4.481	4.342	4.235	4.265	4.125	4.080	
14	Fixed Charges During Month	Rs. Crore	27.67	27.67	19.81	14.49	15.44	29.30	30.76	30.44	31.68	29.03	30.46	30.21	316.94
15	Energy Charges Amount	Rs. Crore	65.73	66.02	45.62	33.67	38.04	37.29	64.17	93.81	107.60	103.69	103.32	117.47	876.42
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	39.07	39.72	28.53	22.25	25.35	25.97	43.61	3.41	1.17	1.87	-1.61	-3.10	226.24
17	Incentive Amount	Rs. Crore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	**Revenue from sale of electricity**	Rs. Crore	**132.46**	**133.41**	**93.97**	**70.41**	**78.83**	**92.55**	**138.53**	**127.66**	**140.44**	**134.59**	**132.17**	**144.58**	**1419.61**
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-40.33**
-	Non-Tariff Income true-up	Rs. Crore													**2.67**
-	Water charges	Rs. Crore													**1.31**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													
20	**Total Revenue**	Rs. Crore	**132.46**	**133.41**	**93.97**	**70.41**	**78.83**	**92.55**	**138.53**	**127.66**	**140.44**	**134.59**	**132.17**	**144.58**	**1383.26**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<KTPS-VI>
Tariff Filing Formats - Generation
Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
KTPS-VI
Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
				Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal	
A	**Annual Fixed Charges**										
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	206.97	285.65	285.65	218.59	299.98	230.86	312.97	
2	Depreciation	Rs. Crore	Form 4	45.25	22.51	22.51	45.25	22.63	45.25	23.86	
3	Interest and finance charges on loan	Rs. Crore	Form 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	32.96	36.29	36.29	33.70	37.71	33.96	36.50	
5	Return on Equity	Rs. Crore	Form 7	114.02	153.76	153.76	153.68	153.83	153.68	154.54	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	8.53	8.35	8.35	8.87	9.07	9.23	9.44	
7	**Annual Fixed Charges**	**Rs. Crore**		390.67	489.86	489.86	442.35	505.08	454.52	518.43	
B	**Energy Charges**										
1	Energy Charge Rate	Rs./kWh	Form 12	4.141	3.818	3.818	4.132	4.082	3.853	3.853	
2	Scheduled Energy (ex-bus)	MU	Form 10	2903.23	2903.23	2903.23	2635.53	2635.53	3527.54	3527.54	
3	Energy Charges	Rs. Crore		1202.17	1108.36	1108.36	1089.00	1075.82	1359.16	1359.16	
C	**AFC +Energy Charges**	Rs. Crore		1592.84	1598.22	1598.22	1531.35	1580.90	1813.68	1877.59	

TGGENCO
KTPS-VI
Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
			Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Employee Expenses	Form 2.1		239.06	239.06		250.46		260.47
2	A&G Expenses	Form 2.2		13.33	13.33		14.23		15.09
3	R & M Expenses	Form 2.3		33.26	33.26		35.29		37.41
4	Total O&M Expenses		**206.97**	**285.65**	**285.65**	**218.59**	**299.98**	**230.86**	**312.97**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPS-VI
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Basic Salary	123.54	129.35	134.53
2	Dearness Allowance (DA)	16.11	16.86	17.54
3	House Rent Allowance	9.28	9.91	10.30
4	Conveyance Allowance	1.24	1.31	1.36
5	Leave Travel Allowance	-	-	-
6	Earned Leave Encashment	15.35	15.89	16.53
7	Other Allowances	24.78	26.02	27.07
8	Medical Reimbursement	0.48	0.42	0.44
9	Overtime Payment	-	-	-
10	Bonus/Ex-Gratia Payments	-	-	-
11	Interim Relief / Wage Revision	0.00	0.00	0.00
12	Staff welfare expenses	2.60	2.74	2.85
13	VRS Expenses/Retrenchment Compensation	-	-	-
14	Commission to Directors	-	-	-
15	Training Expenses	-	-	-
16	Payment under Workmen's Compensation Ac	-	-	-
17	Net Employee Costs	**193.38**	**202.51**	**210.61**
18	Terminal Benefits	-	-	-
18.1	Provident Fund Contribution	-	-	-
18.2	Provision for PF Fund	13.53	14.25	14.82
18.3	Pension Payments	-	-	-
18.4	Gratuity Payment	32.15	33.69	35.04
19	Unfunded past liabilities of pension & gratuity	-	-	-
20	Others	-	-	-
21	**Gross Employee Expenses**	**239.06**	**250.46**	**260.47**
22	Less: Expenses Capitalised			
23	**Net Employee Expenses**	**239.06**	**250.46**	**260.47**

TGGENCO
KTPS-VI
Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Rent Rates & Taxes	2.18	2.33	2.47
2	Insurance	-	-	-
3	Telephone & Postage, etc.	0.08	0.08	0.09
4	Legal charges & Audit fee	0.21	0.23	0.24
5	Professional, Consultancy, Technical fee	0.02	0.02	0.02
6	Conveyance & Travel	0.05	0.05	0.06
7	Electricity charges	0.95	0.91	0.97
8	Water charges	0.00	0.00	0.00
9	Security arrangements	6.68	7.19	7.62
10	Fees & subscription	0.29	0.31	0.33
11	Books & periodicals	0.00	0.00	0.00
12	Computer Stationery	-	-	-
13	Printing & Stationery	0.02	0.02	0.02
14	Advertisements	0.09	0.09	0.10
15	Purchase Related Advertisement Expenses	-	-	-
16	Contribution/Donations	-	-	-
17	License Fee and other related fee	-	-	-
18	Vehicle Running Expenses Truck / Delivery Van	0.04	0.04	0.04
19	Vehicle Hiring Expenses Truck / Delivery Van	1.35	1.43	1.52
20	Cost of services procured	-	-	-
21	Outsourcing of metering and billing system	-	-	-
22	Freight On Capital Equipments	0.02	0.02	0.02
23	V-sat, Internet and related charges	-	-	-
24	Training	0.04	0.04	0.05
25	Bank Charges	-	-	-
26	Miscellaneous Expenses	-	-	-
27	Office Expenses	0.02	0.02	0.02
28	Others	1.31	1.44	1.53
29	**Gross A &G Expenses**	**13.33**	**14.23**	**15.09**
30	Less: Expenses Capitalised			
31	**Net A &G Expenses**	**13.33**	**14.23**	**15.09**

TGGENCO
KTPS-VI
Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Plant & Machinery	28.99	30.78	32.63
2	Buildings	2.99	3.17	3.36
3	Civil Works	-	-	-
4	Hydraulic Works	0.01	0.01	0.01
5	Lines & Cable Networks	0.98	1.04	1.10
6	Vehicles	0.01	0.01	0.01
7	Furniture & Fixtures	-	-	-
8	Office Equipment	0.27	0.28	0.31
9	**Gross R&M Expenses**	**33.26**	**35.29**	**37.41**
10	Gross Fixed Assets at beginning of year	**2473.23**	**2476.03**	**2476.21**
11	R&M Expenses as % of GFA at beginning of year	**1.34%**	**1.43%**	**1.51%**

TGGENCO
KTPS-VI
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	Opening Capital Works in Progress					0.00		0.00
2	Capital Expenditure during the year		2.80			0.18		27.08
3	Capitalisation during the year		**2.80**			**0.18**		**27.08**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

TGGENCO
KTPS-VI Stage
Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buldings, etc.)
	2024-25						
1	2024-25	BTG	Shaft Assembly for ID Fan, Type: NDZV47S	2.51		2.51	Other fixed assets & capital spares
2	2024-25	other civil works	Sedmentation Tank	0.29		0.29	
	Total			2.80		2.80	
	2025-26						
1	2025-26		Remnant Life Assessment (RLA) Study of Boiler & its auxiliaries and Condition assessment of (CA) of Power Trasnformers of Unit-XI (500MW) at KTPS-VI	0.18	0.18	0.18	Others
2							
	Total				0.18	0.18	
	2026-27						
1	2026-27	Civil Works	KTPS Stage-V&VI- Raising of Additional Ash Pond bunds from Ch: 0M to 3200M and Suraram bund from Ch:4400M to Ch:5450M from EL(+) 115.50M to EL(+) 120.50M including raising of Wells and Spillway at Paloncha, Bhadradri-Kothagudem Dist	50.65	20	25.33	Ash Pond
2	2026-27	BOP	Procurement of 2 Nos Bull Dozers, BD-355 Model BEML make to utilize at KTPS-V & VI Stages	6.5	3.5	1.75	Plant and Equipment
3							
	...						
	Total					27.08	

* *Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

TGGENCO
KTPS-VI Stage
Form 3.1: Statement of Additional Capitalisation after COD

Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	Clause 22.3 (i)	PO No. 4500025332
	Clause 22.3 (i)	PO No. 4900027260
As per the Reg.391A of Indian Boiler Regulations, 1950, It is mandatory to carry out RLA study of water tube Boilers after they are in operation for 1,00,000 (One Lakh) hours. The Power Transformers have been in operation since 2011. Hence, It is proposed to carryout RLA of Boiler & Power Transformers of Unit-XI.	Clause 22.3 (i)	As per the Reg.391A of Indian Boiler Regulations, 1950, It is mandatory to carry out RLA study of water tube Boilers after they are in operation for 1,00,000 (One Lakh) hours. The Power Transformers have been in operation since 2011. Hence, It is proposed to carryout RLA of Boiler & Power Transformers of Unit-XI.
Raising of Additional Ash Pond bunds from EL(+) 115.50M to EL(+) 120.50M for deposition of ash generated from KTPS-V Stage (2x250 MW) & KTPS-VI Stage (1x500MW)	Clause No.22.3	1. The KTPS V & VI Stages (1000 MW) are having '3' Ash Ponds (AB Ash Pond: 350Acres, Additional Ash Pond: 336Acres, C Ash Pond: 150 Acres) for disposal of ash generated from the Unit Nos.9 & 10 (2x250MW) and Unit No.11 (1x500MW). Out of above '3' Ash Ponds, at present, the AB Ash Pond has been serving for disposal of ash generated from the Unit Nos.9 to 11 of KTPS V & VI Stages. Other '2'Ash Ponds i.e., Additional Ash Pond & Ash Pond- 'C' were got filled up with ash up to its maximum level of EL (+)115.50M & EL (+) 110.00M respectively. The Ash Pond-'C' was abandoned during the year-2010 due to heavy seepages and slips occurred on the bunds and 'Kanuga' plantation has been taken up in the above Ash Pond area to prevent flying of ash during heavy wind/gale. 2. Further, certain quantity of ash generated from KTPS-VII Stage (1x800 MW) is being deposited in to the AB Ash pond of KTPS V & VI Stages, due to delay in completion of ongoing bund raising work of Northern Ash Pond-II. By considering the present Ash disposal from KTPS V Stage (2x250 MW), KTPS VI Stage (1x500 MW) and KTPS VII Stage (1x800MW), the AB Ash Pond will cater the Ash disposal requirement up to March-2026. Hence, it is very much essential to raise the bunds of Additional Ash Pond for deposition of ash generated from KTPS-V Stage (2x250 MW) & KTPS-VI Stage (1x500 MW) from April-2026 onwards. 3. Admiinistrative approval was accorded to take up the above work videT.G.O.O. No.57/CE/C/Thermal/2025, Dt:10.07.2025.
Supply of 2 Nos Bull Dozers along with Coal blades and commissioning at KTPS-V & VI Stages to utilize at CHP/KTPS- V & VI Stages	Clause No. 24	Only 2 Nos BD-155 dozers are available at KTPS-V & VI Stages and are not sufficient to meet the coal plant works like stacking at UCCY, feeding to bunkers of 1x500MW and 2x250MW units, consolidation of coal at Stacker/ Re-Claimer (CCY) & Stacker/ Re-Claimer (UCCY)etc., Due to which it is essential at least2 Nos. BD-155 dozers to meet the above mentioned works at CHP, KTPS-V &VI Stage. Earlier 2 Nos. BD-355 dozers are diverted from YTPS & KTPS-VII Stages to KTPS-V & VI stages on returnable basis and these dozers are to be returned to YTPS & KTPS-VII Stages

TELANGANA STATE POWER GENERATION CORPORATION LIMITED
UNIT NAME: KTPS- VI STAGE UNIT CODE: 4210
FORM-18 FY.2024-25

Cost Ctr	Class	Asset	Asset description	Cap.date	Acquisition	PO NO.
42106104	1400	1400000158	SHAFT ASSY,F/IDFAN,TYPE:NDZV47S	21.02.2025	25,095,060.00	4500025332
		100910	**OTH.FIXED ASSETS & CAPITAL SPARES.**		**25,095,060.00**	
42106953	1600	1600000353	Sedmentation Tank	05.03.2022	2,894,804.32	4900027260
		100410	**OTHER CIVIL WORKS**		**2,894,804.32**	
			TOTAL		**27,989,864.32**	

01/05/2025

DEPUTY CHIEF CONTROLLER OF ACCOUNTS
KTPS-V & VI STAGES :: PALONCHA

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION V & VI STAGES
PALONCHA
(An ISO 9001:2008 Accredited Plant) Website:www.tsgenco.co.in

From :
Chief Engineer
Operation & Maintenance,KTPS-V&VI
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-255275 Fax:08744-255272
ce.ktps5@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s VERTIV ENERGY PRIVATE LIMITED
8-2-618/2/G1, ROAD NO.11
RELIANCE HUMSAFAR# GROUND FLOOR,
BANJARA HILLS
HYDERABAD 500034, Telangana
Phone No:9966629228

Vendor Code : OA-101092
GSTIN : 36AAACT4033H1ZL
PAN No.: AAACT4033H

PO No: 5200006425 / CE/KTPS / V&VI STAGE/DE/TECH / K60 / 2023 - 24 / / DT. 26.03.2024

Sub: KTPS-VI Stage-I&C- Deputation of Service Engineer for replacement of AC&DC Capacitors of Hi-Pulse UPS Systems installed at Unit-XI/KTPS-VI Stage.-Regularization of Purchase Order Issued-Regarding.

Ref : 1)Provisional Work Order:Lr.No:CE/O&M/KTPS-V&VI Stages/F.89 /D.No.498/23-24, Dt:02.01.2024.
2)Your Invoice No:24557BO2397/Dt:26.02.2024.

1 ACCEPTANCE :

In continuation to the Provisional Work Order cited at ref(1) issued in in favour of M/s. Vertiv Energy Private Limited, Hyderabad, I acting for and on behalf of TSGENCO, accept the rate of Rs.1,05,000.00 (Excluding GST)(Rupees One Lakh Five Thousand only) for the executed work as per the MOM enclosed herewith.

2 SCOPE OF CONTRACT/ORDER :

MOM:

DAY 1 DATE:20.02.2024

1.Visited the Effluent Treatment Plant (ETP-2X15KVA) UPS systems and replaced DC capacitors-12Nos for Both US systems (UPS Sl.No.UPS-1 201101HS0738-2, UPS-II: 201101HS0739-1)

2.18Nos Snubber capacitors replaced for both the UPS systems of ETP.

3.Compressed Air System PLC, DC capacitors -8Nos (2X6KVA) replaced for both the UPS systems (UPS Sl.No.UPS-1 201101HS0733-1, UPS-II:201101HS0731-1).

DAY 2 DATE:21.02.2024

1.Visited the Pretreatment Plant PLC UPS systems (2X10KVA), 8Nos. capacitors replaced and switched ON both the UPS systems and functioning Normally
(UPS Sl.No.UPS-1 201101HS0728-1, UPS-II:201101HS0728-2)

2.At Chlorination plant PLC UPS-II, Replaced 4Nos DC capacitors and switched ON but the inverter system is found to be problematic and Inverter Block error is noted. Found IGBT Driver Boards -2Nos, IGBT 75Amps-2 Nos failed and replaced them with new spares.
However the inverter block problem not resolved.

DAY 3 DATE:22.02.2024

1.At Chlorination Plant, Checked the UPS-II for Inverter Block problem, replaced UPS logic board-01No, Inverter Logic Board-01No, DC-DC board-01No and switched ON the UPS and the Inverter Block problem rectified. The UPS is switched ON and functioning Normal and paralleling of both UPS done.

2.Chlorination plant UPS-1 DC capacitors-04Nos replaced and switched ON UPS systems and functioning normally.
(UPS Sl.No.UPS-1 201101HS0737-1, UPS-II:201101HS0737-2)

3.At Remote Silo UPS systems (2X6 KVA) -08Nos DC capacitors replaced and switched ON UPS systems and functioning Normally.
(UPS Sl.No.UPS-1 201101HS0731-2, UPS-II:201101HS0733-1)
4.At Ash Handling plant UPS systems (2X15 KVA) -12Nos DC capacitors replaced and switched ON UPS systems and functioning Normally.
(UPS Sl.No.UPS-1 201101HS0739-2, UPS-II:201101HS0729-1).

Vertiv Recommendations:
*Please follow all safety precautions while operating UPS and batteries.
*Life of AC capacitors has been completed more than 10years. Recommended to customer need to replace as soon as possible.
*Maintain spare of all PCBs Boards for immediate use as and when required.

3 SCHEDULE OF MATERIALS & PRICES :
As per Annexure enclosed(excluding GST).

PO Amount : Rs. 105,000.00
In words : RUPEES ONE LAKH FIVE THOUSAND ONLY

4 PRICE BASIS :
The prices indicated above are FIRM and are not subject to any variation on any grounds.The prices are exclusive of GST.

5 GST/SERVICE TAX AND CESS ON ST :
The prices indicated above are exclusive of GST which will be paid extra @ 18% or as applicable at the time of billing on services.

6 DELIVERY PERIOD :
The work has already executed and this order is issued for regularization of transaction for arranging payment.

7 TERMS OF PAYMENT :
100% payment due will be paid within 30 days through RTGS after deducting bank charges. This is only regularization of the Purchase Order for arranging payment. The bank details submitted by you are as follows:

Account Holder Name: Vertiv Energy Private Limited.
Bank Account Number: 22205235278.
Name of the Bank: Standard Chartered Bank.
IFSC Code: SCBL0036084.
Branch: 23-25 MG Road Fort, Opp VSNL, Mumbai.

8 PAYING OFFICER : :
Senior Accounts Officer/O&M/KTPS-V&VI Stages.

9 CONSIGNEE : :
Divisional Engineer/I&C/KTPS-VI Stage/Paloncha.(Ph.No:9493545525)

10 START & COMPLETION OF THE WORK :
The work was commenced on Dt:20.02.2024 and completed on Dt:22.02.2024.

11 GENERAL TERMS :
Statutory income tax as per rates in vogue will be deducted from the bills and TDS certificate to that effect will be issued by SAO/O&M/KTPS-V&VI Stages.

12 CORRESPONDENCE :
(a)All correspondence of general, dispatch or technical nature shall be addressed to the SE/O&M/KTPS-VI Stage.(Ph.No:08744-252054)
(b)All correspondence regarding payments etc., shall be addressed to the DyCCA/O&M/KTPS-V&VI Stages with copies marked to this office.(Ph.No:08744-252500).

13 JURISDICTION. :
Any disputes arising out of this order shall be settled by the court situated at Kothagudem but not elsewhere.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS-V&VI

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

Copy to the Superintending Engineer/O&M/KTPS-VI Stage.
Copy to the Divisional Engineer/I&C/KTPS-VI Stage.
Copy to the Senior Accounts Officer/O&M/KTPS-V&VI Stages---> The cancelled cheque is herewith enclosed for reference.

Annexure - 1

PO No: 5200006425 / CE/KTPS / V&VI STAGE/DE/TECH / K60 / 2023 - 24 / / DT.26.03.2024

Sub: KTPS-VI Stage-I&C- Deputation of Service Engineer for replacement of AC&DC Capacitors of Hi-Pulse UPS Systems installed at Unit-XI/KTPS-VI Stage.-Regularization of Purchase Order Issued-Regarding.

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998719)					
1	UPS spot service charges	D	3.000	35,000.00	1	105,000.00
				Total Amount :		**Rs. 105,000.00**

Total Amount in Words : RUPEES ONE LAKH FIVE THOUSAND ONLY

CHIEF ENGINEER/O&M/KTPS-V&VI

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPS-V & VI

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
39,SD ROAD,EKTARA BUILDING
POWER SECTOR-SPARES &, SERVICES BUSINESS GROUP(SR)
SECUNDERABAD 500003, Telangana
Phone No:040-27701259
Fax No:040-27710280

Vendor Code : 104443
GSTIN : 36AAACB4146P1ZG
PAN No.: AAACB4146P

PO No: 4500025332 CE/GEN / SE/GEN-II / EME II / D07 / 2021 - 22 / / DT. 29.09.2021

Sub: TSGENCO # KTPS-VI (1x500MW) - Supply of "Shaft Assembly for ID fans Model:NDZV47S of Unit-XI (1X500MW) for KTPS-VI stage " - Detailed Purchase Order - Issued-Reg.

Ref : 1.Enquiry No: M100014160/CE/GEN/SE/GEN-I/EME II/D07/21-22,Dt.08.04.2021
2.M/s BHEL offer: Ref. No.OFR_SB21S0038/Rev_00,Dt:17.05.2021.
3.Lr.No.CEG/SE(GEN-I)/E2/A2/KTPS-6/F.Shaft Assembly for ID fan/D.No.130/2021, Dt.07.07.2021.
4.Minutes of Negotiation meeting, Dt.18.08.2021
5..M/s BHEL reply: Ref. No.SB21S0038:TKV-1170-BAP:08-21:01,Dt:23.08.2021.

1 ACCEPTANCE :
I, acting for, and on behalf of and by the order and direction of Telangana State Power Generation Corporation Limited (herein after called as "TSGENCO") accept the offer cited at ref (2) and read with subsequent correspondence of M/s.BHEL, Secunderabad (herein after referred as "the Supplier") cited at ref (5) for Supply of "Shaft Assembly for ID fans Model:NDZV47S of Unit-XI (1X500MW) for KTPS-VI stage" as detailed in clause no.(3) below in accordance with the above correspondence and subject to the terms & conditions set out in this order.

2 SCOPE OF CONTRACT/ORDER :
This order relates to Supply of "Shaft Assembly for ID fans Model:NDZV47S of Unit-XI (1X500MW) for KTPS-VI stage " as per the details given in Annexure-I.

3 SCHEDULE OF MATERIALS & PRICES :
Schedule of material & prices are as per Annexure-I.
PO Amount : Rs. 21,267,000.00
In words : RUPEES TWO CRORE TWELVE LAKH SIXTYSEVEN THOUSAND ONLY

4 PRICE BASIS :
The prices accepted in clause No.(3) are firm during currency of contract and not subjected to any variation on any grounds till all the supplies are completed. The prices are on FOR: KTPS V&VI stages. The prices are inclusive of charges towards Packing & Forwarding, Freight, Transit insurance and exclusive of all other taxes & duties.

5 PACKING & FORWARDING CHARGES :
The prices accepted in clause No.(3) are inclusive of Packing and Forwarding charges. All material shall be securely packed in such a manner so as to withstand rough handling during road transport up to site and you shall be responsible to make good at their own expense, any and all the damages caused due to improper packing. All the above material shall be adequately protected before dispatch to prevent damage, corrosion and entrance of foreign matter. If upon receipt at Stores, the material does not meet the specifications, they shall be

rejected and returned to the supplier for repair/modification etc., or for replacement. In such cases all expenses including to-and-fro freight, re-packing charges, transit insurance etc., shall be to the account of supplier.

6 CENTRAL SALES TAX /VAT/GST :

The prices accepted in clause No.(3) are exclusive of IGST, which shall be paid extra as applicable at the time of dispatch of the material subject to clasue No.(7). The present rate of IGST is 18%. The BHEL BAP Ranipat GST No.33AAACB4146P2ZL.

7 VARIATION IN TAXES & DUTIES :

(a).Within Contractual Delivery Schedule: Any variations, either upward or downward, or any new introductions in statutory taxes/duties/levies etc., shall be to TSGENCO's account, provided that subject material dispatched within the delivery period stipulated in Delivery Period clause.

(b).Beyond Contractual Delivery Schedule: In case, the order is not executed as per the stipulated delivery schedule, any upward variation in taxes or the impact of new taxes etc, beyond the agreed delivery period, shall be borne by the SUPPLIER only. However, in case of a downward variation, the benefit shall be passed on to TSGENCO.

(c).In either case, the SUPPLIER shall agree that if any taxes & duties reported to have been paid or have not been paid or a lesser amount has been paid, or on subsequent adjudication or appeal or revision, it is decided that a lesser amount is payable, the SUPPLIER shall refund such excess amount claimed from TSGENCO, irrespective of time lag.

8 FREIGHT :

The prices accepted in clause No.(3) are inclusive of charges towards Freight. The material shall be dispatched to site viz. KTPS-V & VI Stages/Paloncha, Bhadradri Kothagudem(Dist)- 507115. Transportation of material shall be arranged through BHEL/TSGENCO approved transporters.

9 TRANSIT INSURANCE :

The prices accepted in clause No.(3) are inclusive of charges towards Transit Insurance.
a) The supplier shall be fully responsible for the delivery of the material at site in good condition and shall therefore ensure that the consignments are adequately insured to cover any risk during transportation.
b)Settlement of insurance claims if any and replacement of material in time is your responsibility irrespective of settlement of claim.

10 TERMS OF PAYMENT :

100% payment along with full taxes and duties as applicable will be paid within 30 days from the date of receipt and acceptance of material in good condition at site.

11 SECURITY DEPOSIT :

After careful examination of your request, as a special case, you are exempted from submission of Security deposit.

12 PERFORMANCE BANK GUARANTEE :

After careful examination of your request, as a special case, you are exempted from submission of Performance Bank Guarantee.

13 GUARANTEE PERIOD :

The materials shall be warranted for satisfactory operation for a period of 18 months from the date of supply or 12 months from the date of fitment whichever is earlier against any manufacturing defects or poor workmanship. A certificate to this effect shall be submitted along with the bills.
If, during the period of warranty, it is found defective of workmanship or materials and/or fails in test or operation due to above defects, such material shall be repaired or replaced by you at free of cost to the TSGENCO, within a reasonable time irrespective of reimbursements from the insurance company. After repairs/replacements if any, the material shall be delivered free of charge to the station and if the supplier is not able to effect such repairs or replacement in time, the TSGENCO may at its option, do so at your risks and expenses and recover the full cost from you.

14 PRE-DESPATCH (THIRD PARTY) INS :

(a) The Shaft assembly shall be offered for pre despatch inspection by the authorized representatives of TSGENCO at Suppliers works, for ensuring compliance with the requirements of this order.
(b) The authorized representatives of TSGENCO shall have, at all reasonable times, the right of access to the works of the Supplier, to ensure compliance with the Order requirements. TSGENCO's Inspection will be arranged by the Chief Engineer/Generation/TSGENCO/Vidyut Soudha/Hyderabad. Inspection call shall be given to the Chief Engineer /Generation/TSGENCO/Vidyut Soudha/Hyderabad, preferably at least two weeks in advance, for deputing TSGENCO's authorized representative.
(c) Inspection Waiver: The Chief Engineer /Generation /TSGENCO /Vidyut Soudha/Hyderabad, may at his discretion waive TSGENCO's Inspection.

15 DELIVERY PERIOD :

The material indicated in Annexure-I shall be delivered to the site in good condition within 12 months from the date of receipt of Purchase order. However, M/s.BHEL shall try to expedite the supply to meet TSGENCO urgent requirement.

16 LIQUIDATED DAMAGES :

In the event of any delay in the supplies beyond the delivery schedule, the Corporation reserves the right.

a) To recover from the supplier a sum equivalent to 0.5% of the value of delayed materials for each week of delay and part thereof subject to a maximum of 5% of the total value of the order. (Alternatively).

b) To purchase the material from elsewhere at the sole risk and cost of the supplier and recover all such extra cost incurred by the corporation in procuring the materials by above procedure or may cancel the purchase order completely or partly without prejudice to its right.

c) TSGENCO shall at its discretion, have the right to operate either (a) or (b) or both if the firm fails to meet the delivery schedule.

17 CONSIGNEE : :

Original documents along with one set of photocopies shall be sent to the consignee viz.,
The Assistant Divisional Engineer(Stores),
KTPS V&VI Stages,
Paloncha,
Bhadradrikothagudem Dist-507115.

18 JURISDICTION. :

Any and all disputes or differences, arising out of or touching this order, shall be decided only by Courts/Tribunals situated in Hyderabad or Secunderabad cities. No suit or legal proceedings shall be instituted elsewhere.

19 TAX COLLECTED AT SOURCE (TCS) :

As per TCS U/s 206C (1H), TCS will be paid on satisfactory verification of proof of required details i.e., The turnover of the vendor during preceding financial year has crossed Rs.10 crore and cumulative purchases of TSGENCO during the current financial year have exceeded the threshold limit of Rs.50 lakh (otherwise limits as prescribed by law). The providing of above required information is the responsibility of the Vendor only".

20 DRAWINGS/QAP/SAMPLE :

Manufacturing Quality Plan: Manufacturing shall be taken up strictly as per TSGENCO Manufacturing Quality Plan (MQP) Doc No.TSGENCO/ CQA/ MQP/ M/31/ 2021, DT.25.06.2021 which was sent to you vide letter cited at ref(3).

Drawings: General drawings for the subject material shall be submitted for our record.

21 TESTS & TEST CERTIFICATES :

All Tests shall be conducted as per the TSGENCO MQP. Test certificates and all required documents as per TSGENCO MQP shall be submitted for approval to the Chief Engineer/Quality Control/TSGENCO Building/ GTS Colony/ Hyderabad-82 (e-mail:qc.ce@tsgenco.co.in) for issuing Material Dispatch Clearance Certificate (MDCC). Apart from tests conducted near supplier's works, TSGENCO reserves the right to get other tests done elsewhere, if required, for ensuring quality of material. The materials shall be dispatched only after above said inspection, test certificate approval and Material Despatch Clearance Certificate (MDCC).

22 MATERIAL & WORKMANSHIP :

All the materials shall be of the best class and shall be capable of satisfactory operation in the tropics under severe conditions indicated without distortion and deterioration. Unless otherwise specified, they shall conform to the requirements of the appropriate Indian/International standards. The workmanship shall be of the highest grade and entire construction shall be in accordance with the best modern practices. The entire design and construction shall be capable of withstanding the severest stresses likely to occur in actual service and capable of resisting rough handling during transport.

23 INTERCHANGEABILITY :

The supplied material shall be interchangeable 1:1 with the similar materials existing in KTPS-VI stage and if fails to interchange, the same shall be replaced at free of cost. Interchangeablility certificate shall be submitted to this effect along with supply.

24 COMPLETENESS OF CONTRACT/PO :

NEGLIGENCE AND DEFAULT: The supplier shall execute this order with due diligence & expedition and in compliance with any reasonable instructions given, either by this office or by the Chief Engineer/O&M/ KTPS V&VI Stages, in writing, in connection with this order. In case of any negligence on part of the supplier to comply with the same, the Chief Engineer (Generation) may give 21 days notice, in writing, to the supplier, to make good any such failure or neglect or contravention. If the supplier fails to comply with the notice within the time considered to be reasonable by this office, he may be blacklisted and all business dealings with him may be suspended for a specific period.

25 DESPATCH INSTRUCTIONS :

a). The materials shall be dispatched to Site, consigned to the Assistant Divisional Engineer (Stores), KTPS V&VI Stages, Paloncha, Bhadrarikothagudem- 507115 along with all original documents. It is your responsibility for safe delivery of the material up to destination.

b). The Consignment(s) shall be dispatched duly insuring through BHEL/TSGENCO approved transport carriers.The following are the approved transporters of TSGENCO.

1.ABC India Ltd
2.Associated Road Carriers Ltd
3.Prakash Road Lines Pvt Ltd
4.South Eastern Roadways.
5.Bombay Andhra Transport Co.
6.Patel Roadways P.Ltd.
7.Sri Ramdas Motor Transport.

c). All original documents of materials shall be sent to the Assistant Divisional Engineer (Stores), KTPS V&VI Stages, Paloncha, Bhadrarikothagudem- 507115 and copies of invoices shall also be marked to the Chief Engineer/O&M/ KTPS V&VI Stages, Paloncha and Chief Engineer/ Generation / TSGENCO/Vidyut Soudha/Hyderabad.

26 LOSS OR DAMAGE :

(a) External damages, on account of defective/inadequate packing, or shortages, if any, will be intimated to the supplier, within one month from the date of receipt of the materials at site.

(b) Internal defects, damages or shortage of any integral parts which cannot ordinarily be detected on a superficial visual examination, will be intimated within Two months from the date of receipt of materials at site.

(c) In either case, the defective or damaged items shall be replaced and the shortages shall be made good by the supplier, free of cost, within a reasonable period irrespective of settlement of Insurance Claims, if any.

27 ACKNOWLEDGEMENT :

Please acknowledge the receipt of this order with your confirmation of its acceptance. The additional copy enclosed may please be returned with your signature in token of your acceptance within 15 days, failing which the P.O will be deemed to be accepted by the Supplier in full.

28 FORCE MAJEURE :

i) The supplier shall not be liable for delay or failing to supply the materials/ equipment for reasons of Force Majeure such as Act of God , Act of War , Act of public Enemy, Natural calamities , Fires, Floods, Frosts, Strikes and Lockouts etc., only those causes which have a duration of more than 7 days shall be considered for Force Majeure.

ii) The vendor shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The corporation shall verify the facts and grant such extension of time as facts justify. No price variation shall be allowed during the period of Force Majeure and liquidated damages would not be levied for this period.

iii) At the option of corporation, the order may be cancelled. Such cancellation, would be without liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any material issued to him by the corporation and release facilities, if any provided by the corporation.

29 CORRESPONDENCE :

(a) Your acknowledgement of receipt of this order and all correspondence of General nature shall be addressed to this office.

(b) All correspondence regarding payments, technical and any other field matters shall be addressed to the Chief Engineer (O&M)/ KTPS V&VI Stages, Paloncha, Bhadrarikothagudem- 507115, Telangana State with copies marked to the Chief Engineer (Generation)/ TSGENCO/ Vidyut Soudha, Hyderabad-82. Telangana State.

30 INVOICING INSTRUCTIONS :

(a) All Bills/Invoices shall be drawn in favour of the Senior Accounts Officer (O&M)/ KTPS V&VI Stages, Paloncha, Bhadrarikothagudem- 507115 and shall be submitted to the Consignee, viz., the Assistant Divisional Engineer(Stores)/ KTPS V&VI Stages, Paloncha, Bhadrarikothagudem- 507115 for arranging payment.

(b) The Invoices shall clearly indicate all relevant particulars, such as the P.O Reference, Material Description, Quantity, Unit Rate, Total Price, Taxes/Duties applicable etc.

(c) The following documents shall be submitted along with the invoices.

* Challan/Packing Slip, Consignee copy of RR/LR etc.
* Documentary evidence relating to the payment of taxes & duties.
* Test Certificates, Warranty Certificate & Interchangeability certificate.

Original documents along with one set of photocopies shall be sent to the consignee viz., Assistant Divisional Engineer (Stores)/KTPS V&VI Stages, Paloncha, Bhadrarikothagudem-507115.

Copies of all documents shall be marked to the Chief Engineer (O&M)/ KTPS V&VI Stages, Paloncha, Bhadrarikothagudem- 507115 and **this office also**.

For & On behalf of TSGENCO

Chief Engineer (Generation)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

1. The Chief Engineer(O&M), KTPS V& VI stages, Paloncha , Bhadradrikothagudem (Dist) -507115.
2. The Chief Engineer/Quality Control/TSGENCO Building/ GTS Colony/ Hyderabad-82.
3. The Senior Accounts Officer (P&A), Vidyut Soudha, TSGENCO, Hyderabad-82.
4. The Senior Accounts Officer, KTPS V& VI stages, Paloncha , Bhadradrikothagudem (Dist) -507115.
5. The Assistant Divisional Engineer (Stores), KTPS V& VI stages, Paloncha , Bhadradrikothagudem (Dist) -507115

Annexure - 1

PO No: 4500025332 CE/GEN / SE/GEN-II / EME II / D07 / 2021 - 22 / / DT.29.09.2021

Sub: TSGENCO # KTPS-VI (1x500MW) - Supply of "Shaft Assembly for ID fans Model:NDZV47S of Unit-XI (1X500MW) for KTPS-VI stage " - Detailed Purchase Order - Issued-Reg.

S.No.	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	100160473 (84049000) SHAFT ASSY,FOR ID FAN,TYPE:NDZV47S,DRAWING NO:0-56-228-02305	NO	1	21267000.00 INR	1	21267000.00

Total Amount : Rs. 21,267,000.00

Total Amount in Words : RUPEES TWO CRORE TWELVE LAKH SIXTYSEVEN THOUSAND ONLY

Chief Engineer (Generation)

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION V & VI STAGES
PALONCHA
(An ISO 9001:2008 Accredited Plant) Website:www.tsgenco.co.in

From :
Chief Engineer
Operation & Maintenance,KTPS-V&VI
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-255275 Fax:08744-255272
ce.ktps5@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s VERTIV ENERGY PRIVATE LIMITED
8-2-618/2/G1, ROAD NO.11
RELIANCE HUMSAFAR# GROUND FLOOR,
BANJARA HILLS
HYDERABAD 500034, Telangana
Phone No:9966629228

Vendor Code : OA-101092
GSTIN : 36AAACT4033H1ZL
PAN No.: AAACT4033H

PO No: 5200006425 / CE/KTPS / V&VI STAGE/DE/TECH / K60 / 2023 - 24 / / DT. 26.03.2024

Sub: KTPS-VI Stage-I&C- Deputation of Service Engineer for replacement of AC&DC Capacitors of Hi-Pulse UPS Systems installed at Unit-XI/KTPS-VI Stage.-Regularization of Purchase Order Issued-Regarding.

Ref : 1)Provisional Work Order:Lr.No:CE/O&M/KTPS-V&VI Stages/F.89 /D.No.498/23-24, Dt:02.01.2024.
2)Your Invoice No:24557BO2397/Dt:26.02.2024.

1 **ACCEPTANCE :**
In continuation to the Provisional Work Order cited at ref(1) issued in in favour of M/s. Vertiv Energy Private Limited, Hyderabad, I acting for and on behalf of TSGENCO, accept the rate of Rs.1,05,000.00 (Excluding GST)(Rupees One Lakh Five Thousand only) for the executed work as per the MOM enclosed herewith.

2 **SCOPE OF CONTRACT/ORDER :**
MOM:

DAY 1 DATE:20.02.2024
1.Visited the Effluent Treatment Plant (ETP-2X15KVA) UPS systems and replaced DC capacitors-12Nos for Both US systems (UPS Sl.No.UPS-1 201101HS0738-2, UPS-II: 201101HS0739-1)
2.18Nos Snubber capacitors replaced for both the UPS systems of ETP.
3.Compressed Air System PLC, DC capacitors -8Nos (2X6KVA) replaced for both the UPS systems (UPS Sl.No.UPS-1 201101HS0733-1, UPS-II:201101HS0731-1).

DAY 2 DATE:21.02.2024
1.Visited the Pretreatment Plant PLC UPS systems (2X10KVA), 8Nos. capacitors replaced and switched ON both the UPS systems and functioning Normally
(UPS Sl.No.UPS-1 201101HS0728-1, UPS-II:201101HS0728-2)
2.At Chlorination plant PLC UPS-II, Replaced 4Nos DC capacitors and switched ON but the inverter system is found to be problematic and Inverter Block error is noted. Found IGBT Driver Boards -2Nos, IGBT 75Amps-2 Nos failed and replaced them with new spares.
However the inverter block problem not resolved.

DAY 3 DATE:22.02.2024
1.At Chlorination Plant, Checked the UPS-II for Inverter Block problem, replaced UPS logic board-01No, Inverter Logic Board-01No, DC-DC board-01No and switched ON the UPS and the Inverter Block problem rectified. The UPS is switched ON and functioning Normal and paralleling of both UPS done.
2.Chlorination plant UPS-1 DC capacitors-04Nos replaced and switched ON UPS systems and functioning normally.
(UPS Sl.No.UPS-1 201101HS0737-1, UPS-II:201101HS0737-2)

3.At Remote Silo UPS systems (2X6 KVA) -08Nos DC capacitors replaced and switched ON UPS systems and functioning Normally.
(UPS Sl.No.UPS-1 201101HS0731-2, UPS-II:201101HS0733-1)
4.At Ash Handling plant UPS systems (2X15 KVA) -12Nos DC capacitors replaced and switched ON UPS systems and functioning Normally.
(UPS Sl.No.UPS-1 201101HS0739-2, UPS-II:201101HS0729-1).

Vertiv Recommendations:
*Please follow all safety precautions while operating UPS and batteries.
*Life of AC capacitors has been completed more than 10years. Recommended to customer need to replace as soon as possible.
*Maintain spare of all PCBs Boards for immediate use as and when required.

3 SCHEDULE OF MATERIALS & PRICES :
As per Annexure enclosed(excluding GST).

PO Amount : Rs. 105,000.00
In words : RUPEES ONE LAKH FIVE THOUSAND ONLY

4 PRICE BASIS :
The prices indicated above are FIRM and are not subject to any variation on any grounds.The prices are exclusive of GST.

5 GST/SERVICE TAX AND CESS ON ST :
The prices indicated above are exclusive of GST which will be paid extra @ 18% or as applicable at the time of billing on services.

6 DELIVERY PERIOD :
The work has already executed and this order is issued for regularization of transaction for arranging payment.

7 TERMS OF PAYMENT :
100% payment due will be paid within 30 days through RTGS after deducting bank charges. This is only regularization of the Purchase Order for arranging payment. The bank details submitted by you are as follows:

Account Holder Name: Vertiv Energy Private Limited.
Bank Account Number: 22205235278.
Name of the Bank: Standard Chartered Bank.
IFSC Code: SCBL0036084.
Branch: 23-25 MG Road Fort, Opp VSNL, Mumbai.

8 PAYING OFFICER : :
Senior Accounts Officer/O&M/KTPS-V&VI Stages.

9 CONSIGNEE : :
Divisional Engineer/I&C/KTPS-VI Stage/Paloncha.(Ph.No:9493545525)

10 START & COMPLETION OF THE WORK :
The work was commenced on Dt:20.02.2024 and completed on Dt:22.02.2024.

11 GENERAL TERMS :
Statutory income tax as per rates in vogue will be deducted from the bills and TDS certificate to that effect will be issued by SAO/O&M/KTPS-V&VI Stages.

12 CORRESPONDENCE :
(a)All correspondence of general, dispatch or technical nature shall be addressed to the SE/O&M/KTPS-VI Stage.(Ph.No:08744-252054)
(b)All correspondence regarding payments etc., shall be addressed to the DyCCA/O&M/KTPS-V&VI Stages with copies marked to this office.(Ph.No:08744-252500).

13 JURISDICTION. :
Any disputes arising out of this order shall be settled by the court situated at Kothagudem but not elsewhere.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS-V&VI

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

Copy to the Superintending Engineer/O&M/KTPS-VI Stage.
Copy to the Divisional Engineer/I&C/KTPS-VI Stage.
Copy to the Senior Accounts Officer/O&M/KTPS-V&VI Stages---> The cancelled cheque is herewith enclosed for reference.

Annexure - 1

PO No: 5200006425 / CE/KTPS / V&VI STAGE/DE/TECH / K60 / 2023 - 24 / / DT.26.03.2024

Sub: KTPS-VI Stage-I&C- Deputation of Service Engineer for replacement of AC&DC Capacitors of Hi-Pulse UPS Systems installed at Unit-XI/KTPS-VI Stage.-Regularization of Purchase Order Issued-Regarding.

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998719)					
1	UPS spot service charges	D	3.000	35,000.00	1	105,000.00
				Total Amount :		**Rs. 105,000.00**

Total Amount in Words : RUPEES ONE LAKH FIVE THOUSAND ONLY

CHIEF ENGINEER/O&M/KTPS-V&VI

TGGENCO
KTPS-VI
Form 3.2: Financing of Additional Capitalisation

S. No.	Particulars	FY 2024-25	FY 2025-6	FY 2026-27
			Apr - Mar	n+1
		Actual	Estimated	Projected
1	Additional capitalisation	**2.80**	**0.18**	**27.08**
2	**Financing Details**			
	Loan 1			
	Loan 2			
	...			
	Total Loan	**0.00**	**0.00**	**0.00**
3	Equity			
4	Internal Resources	2.80	0.18	27.08
5	Others (Please Specify)			
6	**Total (2+3+4+5)**	**2.80**	**0.18**	**27.08**

TGGENCO
KTPS-VI
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		190.55	-		190.55	129.30	2.40		131.70	61.25	58.85
2	PLANT AND EQUIPMEN	1300		2,043.10	-		2,043.10	1,659.72	13.49		1,673.22	383.38	369.89
3	CAPITAL SPARES	1400		15.86	2.51		18.37	4.12	0.95		5.07	11.74	13.30
4	HYDRAULIC WORKS	1500		178.79	-		178.79	148.76	1.21		149.96	30.04	28.83
5	OTHER CIVIL WORKS	1600		43.50	0.29		43.79	13.96	4.35		18.31	29.54	25.48
6	FURNITURE & FIXTURE	1800		0.62	-		0.62	0.54	0.00		0.55	0.08	0.08
7	COMPUTERS	1900		0.70	-		0.70	0.55	0.10		0.65	0.14	0.04
8	OFFICE EQUIPMENTS	2100		0.11	-		0.11	0.09	0.01		0.10	0.02	0.01
	Total			**2473.23**	**2.80**	**0.00**	**2476.03**	**1957.05**	**22.51**	**0.00**	**1979.56**	**516.18**	**496.47**

FY 2025-26													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		190.55			190.55	131.70	2.40		134.10	58.85	56.45
2	PLANT AND EQUIPMEN	1300		2,043.10	0.18		2,043.28	1,673.22	13.72		1,686.93	369.89	356.35
3	CAPITAL SPARES	1400		18.37			18.37	5.07	0.95		6.02	13.30	12.35
4	HYDRAULIC WORKS	1500		178.79			178.79	149.96	1.21		151.17	28.83	27.62
5	OTHER CIVIL WORKS	1600		43.79			43.79	18.31	4.35		22.66	25.48	21.13
6	FURNITURE & FIXTURE	1800		0.62			0.62	0.55	0.00		0.55	0.08	0.07
7	COMPUTERS	1900		0.70			0.70	0.65			0.65	0.04	0.04
8	OFFICE EQUIPMENTS	2100		0.11			0.11	0.10			0.10	0.01	0.01
	Total		**0.91%**	**2476.03**	**0.18**	**0.00**	**2476.21**	**1979.56**	**22.63**	**0.00**	**2002.19**	**496.47**	**474.02**

FY 2026-27													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		190.55			190.55	134.10	2.40		136.50	56.45	54.05
2	PLANT AND EQUIPMEN	1300		2,043.28	27.08		2,070.36	1,686.93	14.95		1,701.88	356.35	368.48
3	CAPITAL SPARES	1400		18.37			18.37	6.02	0.95		6.97	12.35	11.40
4	HYDRAULIC WORKS	1500		178.79			178.79	151.17	1.21		152.37	27.62	26.42
5	OTHER CIVIL WORKS	1600		43.79			43.79	22.66	4.35		27.01	21.13	16.77
6	FURNITURE & FIXTURE	1800		0.62			0.62	0.55			0.55	0.07	0.07
7	COMPUTERS	1900		0.70			0.70	0.65			0.65	0.04	0.04
8	OFFICE EQUIPMENTS	2100		0.11			0.11	0.10			0.10	0.01	0.01
	Total		**0.96%**	**2476.21**	**27.08**	**0.00**	**2503.29**	**2002.19**	**23.86**	**0.00**	**2026.05**	**474.02**	**477.24**

TGGENCO
KTPS-VI
Form 5: Interest and finance charges on loan

A. Normative Loan

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Opening Balance of Gross Normative Loan		1731.26	1731.26		1733.36		1733.50
2	Cumulative Repayment till the year		1957.05	1957.05		1957.05		1979.56
3	Opening Balance of Net Normative Loan	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets							
5	Addition of Normative Loan due to capitalisation during the year1		2.10	0.00	0.00	0.14	0.00	20.31
6	Repayment of Normative loan during the year		22.51	22.51	45.25	22.63	45.25	23.86
7	Closing Balance of Net Normative Loan		**0.00**	**0.00**		**0.00**		**0.00**
8	Closing Balance of Gross Normative Loan		**1710.85**	**1708.75**		**1710.87**		**1729.95**
9	Average Balance of Net Normative Loan		**0.00**	**0.00**		**0.00**		**0.00**
10	Weighted average Rate of Interest on actual Loans (%)		10.33%	10.33%		10.33%		10.33%
11	Interest	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**
12	Finance charges							
13	Total Interest & Finance charges	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 Apr - Mar Projected
1	**Loan 1**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
2	**Loan 2**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
	.....			
	Total			
	Opening Balance of Loan	0.00	0.00	0.00
	Addition of Loan during the year	0.00	0.00	0.00
	Loan Repayment during the year	0.00	0.00	0.00
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)	0.00%	0.00%	0.00%
	Interest	0.00	0.00	0.00
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	0.00	0.00	0.00

TGGENCO
KTPS-VI
Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Cost of coal, towards stock		73.63	73.63		78.28		73.82
2	Cost of coal for generation		110.45	110.45		117.42		110.73
3	Cost of secondary fuel oil		0.24	0.24		0.96		0.99
4	O&M expenses		23.80	23.80		25.00		26.08
5	Maintenance spares		24.73	24.73		24.76		24.76
6	Receivables1		226.42	226.42		239.85		231.48
	Less:							
7	Payables for Fuels2		110.69	110.69		118.38		111.71
8	Total Working Capital requirement	**0.00**	**348.59**	**348.59**	**0.00**	**367.89**	**0.00**	**356.14**
9	Interest rate		10.41%	10.41%	10.08%	10.25%		10.25%
10	Interest on working capital	**32.96**	**36.29**	**36.29**	**33.70**	**37.71**	**33.96**	**36.50**

Note:
1 In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VI
Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Regulatory Equity at the beginning of the year		741.969	741.969		742.67		742.71
2	Capitalisation during the year		2.80	2.80	0.00	0.18	0.00	27.08
3	Equity portion of capitalisation during the year	0.00	0.70	0.70	0.00	0.05	0.00	6.77
4	Reduction in Equity Capital on account of retirement / replacement of assets							
5	Regulatory Equity at the end of the year	**0.00**	**742.67**	**742.67**	**0.00**	**742.71**		**749.48**
	Rate of Return on Equity							
6	Base rate of Return on Equity	11.500%	15.500%	15.500%	15.500%	15.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**	**20.713%**	**20.713%**	**20.713%**	**20.713%**
	Return on Equity Computation							
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**153.68**	**153.68**	**0.00**	**153.83**		**153.84**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.07**	**0.07**	**0.00**	**0.00**		**0.70**
11	**Total Return on Equity**	**114.02**	**153.76**	**153.76**	**153.68**	**153.83**	**153.68**	**154.54**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VI
Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12		**0.13**		0.13
2	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00		**0.00**		0.00
3	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.08	0.08		**0.08**		0.09
4	WATER CHARGES		0.93	0.93		**0.96**		1.00
5	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.01	0.01		**0.01**		0.01
6	CURRENT CONSUMPTION CHARGES		0.14	0.14		**0.14**		0.15
7	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.02	0.02		**0.02**		0.02
8	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.15	0.15		**0.16**		0.17
9	INCOME FROM SALE OF ASH		6.32	6.32		**6.57**		6.83
10	PROFIT ON SALE OF FIXED ASSETS		-	-		**0.00**		-
11	INCOME FROM SALE OF SCRAP		0.35	0.35		**0.37**		0.39
12	INCOME FROM SALE OF COAL REJECTS		-	-		**0.00**		-
13	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00		0.00		0.00
14	OTHER RENTAL OR LETTING OUT		0.06	0.06		0.06		0.06
15	SALE OF TENDER SPECIFICATIONS		0.08	0.08		0.09		0.09
16	VENDOR REGISTRATION FEE		0.00	0.00		0.00		0.00
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.07	0.07		0.36		0.37
18	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00		0.10		0.10
19	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01		0.01		0.01
	Total	**8.53**	**8.35**	**8.35**	**8.87**	**9.07**	**9.23**	**9.44**

TGGENCO
KTPS-VI
Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		April-March	Apr - Mar	Apr - Mar
		Actual	Estimated	Projected
1	**Unit 1 / Station 1**			
A.	**Planned Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage	(enclosed as Annexure)		
B.	**Forced Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage			
2	**Unit 2 / Station 2**			
	.....			
	.....			
	.....			

Note:
Details of outages should be submitted for each Unit of each station separately

TGGENCO
Kothagudem Thermal Power Station- VI Stage (500 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25	Current Year; 2025-26			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 1
		Actual	Actual	Estimated	Estimated	Projected
1	**Unit-11/ KTPS-VI Stage**					
A.	**Planned Outages**	Not Scheduled		1	1	Not Scheduled
	No of days of outage		Nil	20 Days	20 Days	
	Period of Outage		Nil	01-11-2025 to 20-11-2025	01-11-2025 to 20-11-2025	
	Reasons for Outage		Nil	AOH	AOH	
B.	**Forced Outages**	4	5			
	No of days of outage	2.97	4.80	Nil		NIL
	Period of Outage	71:19:00	115:16:00	Nil		
	Reasons for Outage	Enclosed	Enclosed	Nil		

Note:

AOH: Annual Overhuals

COH: Capital Overhauls

TELANGANA POWER GENERATION CORPORATION LTD
KOTHAGUDEM THERMAL POWER STATION , VI STAGE - PALONCHA

Tripping details of Unit # 11 for the year 2024-25

Sl. No.	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	Reason
1	23.04.2024 07:14	24.04.2024 10:23	27:09:00	Boiler was tripped on "Emergency Protection"(Forced Shutdown due to Boiler tube leak in Waterwall zone).
2	07.05.2024 18:38	08.05.2024 18:44	24:06:00	Boiler was tripped on "Emergency Protection"(Reserve Shutdown in view of low demand due to heavy rains in the state).
3	18.06.2024 19:50	20.06.2024 11:13	39:23:00	Boiler was tripped on "Emergency Protection"(Forced Shutdown due to Boiler tube leak in Reheater zone).
4	03.09.2024 10:14	03.09.2024 11:57	1:43:00	Boiler was tripped on "Flame Failure" Protection.
5	12.02.2025 13:38	12.02.2025 16:42	3:04:00	Boiler was tripped on "Furnace Pressure Very Low" Protection.

TELANGANA POWER GENERATION CORPORATION LTD
KOTHAGUDEM THERMAL POWER STATION , VI STAGE - PALONCHA

Tripping details of Unit # 11 for the year 2025-26

Sl. No.	Date / time of tripping	Date/time of Synch.	Outage Duration in hrs:min	Reason
1	20.05.2025 1:34 hrs	20.05.2025 04:28 hrs	2:54:00	Boiler was tripped on "Furnace Pressure Very Low" due to PAF-11A trip on "Electrical Protection" because of failure of locking pin for operating shaft nut of Hydraulic Adjustment Device.
2	21.05.2025 19:08 hrs	05.06.2025 02:20 hrs	343:12 (FO: 40:27 RSD: 302:45)	Boiler was tripped on "Emergency Protection" (Forced Shutdown due to boiler tube leak in Economizer zone and was extended to Reserve Shutdown)
3	12.06.2025 05:26 hrs	13.06.2025 07:42 hrs	26:16:00	Boiler was tripped on "Emergency Protection" (Forced Shutdown due to boiler tube leak in Economizer zone)
4	16.07.2025 03:20 hrs	17.07.2025 06:51 hrs	27:31:00	Boiler was tripped on "Emergency Protection" (Forced Shutdown due to boiler tube leak in Reheater zone)
5	20.07.2025 00:23 hrs	06.08.2025 10:43 hrs	418:20:00	Reserve Shutdown as per the instructions of TGSLDC
6	12.08.2025 07:03 hrs	18.08.2025 13:41 hrs	150:38 (FO:18:08 RSD:132:30)	Boiler was tripped on "Emergency Protection" (Forced Shutdown due to boiler tube leak in Economizer zone and was extended to Reserve Shutdown)
7	27.08.2025 10:02 hr	08.09.2025 11:49 hr	289:47:00	Reserve Shutdown as per the instructions of TGSLDC

TGGENCO
KTPS-VI
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
			Approved	Audited	Claimed	Approved	Estimated	Approved	Revised Proposal	
1	Installed Capacity	500MW								
	COD	23.10.2011								
	Type of Thermal Generating Station (Pithead/Non-Pithead)	Non-Pit Head								
2	**Availability**									
2.1	Target Availability for full recovery of AFC	%	85	85	80	85	85	85	85	
2.2	Actual/Projected Availability	%		94.91	94.91		85		85	
3	**Plant Load Factor (PLF)**									
3.1	Target PLF for Incentive	%	85	85	85	85	85	85	85	
3.2	Actual/Projected PLF	%		69.74	69.74		85		85	
4	**Gross Generation**									
4.1	Scheduled Generation	MU		2903.23	2903.23		2635.53		3527.54	
4.2	Actual/Projected Gross Generation	MU		3054.68	3054.68		2789.36		3723	
5	**Auxiliary Consumption**									
5.1	Normative Auxiliary Energy Consumption	%	5.25	5.25	5.25	5.25	5.25	5.25	5.25	
5.2	Actual/Projected Auxiliary Energy Consumption	%		4.958	4.958		5.25		5.25	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		151.45	151.45		91.85		195.46	
5.4	Net Generation	MU		2903.23	2903.23		2635.53		3527.54	
6	**Gross Station Heat Rate**									
6.1	Normative Gross Station Heat Rate	kcal/kWh	2450	2450	2450	2450	2450	2450	2450	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2275.64	2275.64		2450		2450	
7	**Secondary Fuel Oil Consumption**									
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.13	0.13		0.5		0.5	
8	**Transit Loss**									
8.1	Normative Transit Loss	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%					0.8		0.8	

TGGENCO

KTPS-VI

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25												FY 2025-26					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	24302.65	34995.85	44321.85	45096.74	66736.01	90400.56	67902.41	55032.68	81247.03	84712.20	103008.90	139300.15	155433.54	135304.82	110913.90	118892.49	177524.15	185936.39
2	Value of stock	Rs.in Crs	13.10	19.92	26.19	26.56	38.84	52.35	35.11	29.93	45.12	44.39	55.61	82.86	98.72	76.47	62.34	72.17	101.03	102.53
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	183880.70	170971.78	151864.18	181441.96	183922.24	143811.16	145417.98	178966.91	162820.64	182838.08	196177.16	199655.26	139831.32	100977.58	128103.54	151202.98	82598.40	59905.96
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	183880.70	170971.78	151864.18	181441.96	183922.24	143811.16	145417.98	178966.91	162820.64	182838.08	196177.16	199655.26	139831.32	100977.58	128103.54	151202.98	82598.40	59905.96
6	Normative transit and handling loss	MT	1471.05	1367.77	1214.91	1451.54	1471.38	1150.49	1163.34	1431.74	1302.57	1462.70	1569.42	1597.24	1118.65	807.82	1024.83	1209.62	660.79	479.25
7	Net coal supplied	MT	182409.65	169604.01	150649.27	179990.42	182450.86	142660.67	144254.64	177535.17	161518.07	181375.38	194607.74	198058.02	138712.67	100169.76	127078.71	149993.36	81937.61	59426.71
C	**Price**																			
8	Amount charged by coal company	Rs.in Crs	102.58	98.12	87.89	100.66	107.68	69.94	79.87	97.83	79.53	96.83	111.55	130.00	64.05	55.65	78.37	78.17	39.42	25.71
9	Adjustment in amount charged by the coal company	Rs.in Crs	-3.4634	-2.37	-3.46	-1.71	-10.19	-5.57	-4.73	-4.58	-2.26	-3.16	4.57	-3.67	-0.20	-2.21	-1.19	-4.19	-0.37	0.01
10	Handling, sampling and such other similar charges	Rs.in Crs	0.1379	0.16	0.19	0.17	0.25	0.16	0.30	0.26	0.22	0.49	0.67	0.36	0.13	0.16	0.20	0.36	0.56	0.18
11	Total amount charged (8+9+10)	Rs.in Crs	99.250	95.9086	84.62	99.12	97.74	64.53	75.43	93.51	77.48	94.15	116.79	126.68	63.97	53.59	77.38	74.34	39.61	25.90
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.in Crs	5.29	5.06	4.01	5.33	7.73	3.64	4.82	5.72	4.61	5.11	4.63	4.71	3.56	2.29	4.74	6.52	2.43	2.11
	By road	Rs.in Crs																		
	By ship	Rs.in Crs																		
	...	Rs.in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	5.29	5.06	4.01	5.33	7.73	3.64	4.82	5.72	4.61	5.11	4.63	4.71	3.56	2.29	4.74	6.52	2.43	2.11
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	104.54	100.97	88.63	104.44	105.47	68.17	80.26	99.23	82.09	99.27	121.42	131.40	67.53	55.88	82.12	80.86	42.04	28.01
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	5691.23	5908.396	5888.90	5820.01	5791.10	5171.36	5438.01	5553.55	5240.00	5398.86	5948.47	6351.10	5651.76	5620.67	6069.97	5691.07	5514.30	5320.30
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4147.00	4191.00	4214.00	4043.00	4210.00	3435.00	3896.00	4020.00	3834.00	3899.00	4262.00	4561.00	3463.00	3987.00	4417.00	3976.00	3810.00	3920.00
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	3627.00	3733.01	3840.15	3756.35	3713.52	3717.56	3398.14	3419.87	3513.30	3542.44	3520.95	3739.12						
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	3747.00	3862.00	3732.00	3703.00	3719.00	3198.00	3430.00	3542.00	3557.00	3511.00	3854.00	4132.00						
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	**Weighted average GCV of coal as Received**	kcal/kg	3733.01	3840.15	3756.35	3713.52	3717.56	3398.14	3419.87	3513.30	3542.44	3520.95	3739.12	3970.70	3718.00	2815.00	3670.00	3885.00	3400.00	3268.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited
Kothagudem Thermal Power Station- VI Stage
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	Apr-24		May-24		Jun-24		Jul-24		Aug
			HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
A	**Opening Quantity**										
1	Opening quantity of oil	KL	1736	142	1959	137	1811	127	1428	112	1406
2	Value ot stock	Rs.in Crs	10.52	1.15	11.97	1.11	11.07	1.03	8.73	0.91	8.59
B	**Procurement**										
3	Quantity of oil suppllied by the oil company	KL	292	0	0	0	0	0	0	0	629
4	Adjustment in oil quantity supplied by the oil company	KL									
5	oil supplied by oil company (3+4)	KL	292.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	628.81
6	Normative transit and handling loss	KL									
7	Net oil supplied	KL	292.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	628.81
C	**Price**										
8	Amount charged by oil company	Rs.in Crs	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13
9	Adjustment in amount charged by the oil company	Rs.in Crs	0								
10	Handling, sampling and such other similar charges	Rs.in Crs	0								
11	Total amount charged (8+9+10)	Rs.in Crs	1.875	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.129
D	**Transportation**										
12	Transportation charges		0								
	By rail	Rs.in Crs									
	By road	Rs.in Crs									
	By ship	Rs.in Crs									
	...	Rs.in Crs									
13	Adjustment in amount charged by the oil transporter	Rs.in Crs									
14	Demurrage charges, if any	Rs.in Crs									
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs									
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13
E	**Total Cost**		0								
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	61101.9	80860.0	61101.9	80860.0	61101.9	80860.0	61101.9	80860.0	62509.1
19	Blending Ratio (Domestic/Imported)										
20	Weighted average cost of oil for preceding three months	Rs./KL									
F	**Quality**										
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre									
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre									
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre									
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre									
25	Weighted average GCV of Oil as Billed	kcal/litre									
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre									
27	GCV of Domestic Oil supplied as received at Station	kcal/litre									
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre									
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre									
30	Weighted average GCV of Oil as Received	kcal/litre									

Note:

	Particulars										
1	Oil Consumption	KL	69.42	4.17	147.52	10.00	382.93	15.00	21.97	0.00	465.59
2	Oil Consumption value	Rs.in Crs	0.42	0.03	0.90	0.08	2.34	0.12	0.13	0.00	2.91
3	Oil Consumption rate	Rs./KL	62220.54		62356.08		61846.68		61101.91		6408

ɹ-24	Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25		Apr-25		May
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
112	1569	162	1689	139	1616	134	1469	127	1368.52	124.162	1581.96	114.162	1462.68	111.662	1877.002	111.662	1836.198
0.91	9.81	1.28	10.47	1.10	10.02	1.06	9.11	1.01	8.4856	0.98263	9.78633	0.90349	9.04848	0.8837	11.7318649	0.88370299	11.4768268
98	405	0	0	0	0	0	0	0	424.837	0	0	0	423.371	0	0	0	159.097
98.00	405.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.84	0.00	0.00	0.00	423.37	0.00	0.00	0.00	159.10
98.00	405.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.84	0.00	0.00	0.00	423.37	0.00	0.00	0.00	159.10
0.76	2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.6085	0	0	0	2.73995	0	0	0	0
0.756	2.433	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.608	0.000	0.000	0.000	2.740	0.000	0.000	0.000	0.000
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.76	2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00	0.00	2.74	0.00	0.00	0.00	0.00
79140.9	62005.8	79140.9	62005.8	79140.9	62005.8	79140.9	62005.8	79140.9	61862.3	79140.9	61862.3	79140.9	62503.2	79140.9	62503.2	79140.9	57519.4

/-25	Jun-25		Jul-25		Aug-25		Sep-25	
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
105.829	1901.131	102.496	1867.741	113.336	1921.003	125.002	2050.324	128.802
0.83754011	11.8068728	0.81116245	11.4927607	0.86066579	11.8005734	0.94305955	12.5357358	0.97337498
0	625.772	49	358.375	34	541.691	49	274.616	0
0.00	625.77	49.00	358.38	34.00	541.69	49.00	274.62	0.00
0.00	625.77	49.00	358.38	34.00	541.69	49.00	274.62	0.00
0	0	0	0	0	0	0	0	0
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79140.9	46724.7	53543.5	51627.0	58415.2	47917.3	54198.2	53918.5	75571.4

3.33	659.16	38.16	305.11	22.33	412.37	45.20	233.81	17.10
0.03	4.06	0.29	1.87	0.17	2.52	0.34	1.42	0.13
6.87	62321.32		62385.10		62565.82		61921.06	

TGGENCO
KTPS-VI
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/ Tariff Order	Apr - Mar	MYT/ Tariff Order	n+1
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
Auxiliary Consumption	AUX	%	5.25	4.96	4.96	5.25	5.25	5.25	5.25
Gross Station Heat Rate	GSHR	kcal/kWh	2450	2276	2276	2450	2450	2450	2450
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.13	0.13	0.5	0.5	0.5	0.5
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819	9819	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	3574	3574	3574	3412	3453	3584	3584
Landed Price of Coal	LPPF	Rs./kg	5.69	5.69	5.69	5.42	5.42	5.31	5.31
Specific Coal Consumption		kg/kWh	0.68	0.64	0.64	0.71	0.71	0.71	0.71
Coal Rate		**Rs./kWh**	4.108	3.809	3.809	4.099	4.050	3.819	3.819
Oil Rate		**Rs./kWh**	0.033	0.008	0.008	0.033	0.033	0.034	0.034
ECR		**Rs./kWh**	**4.141**	**3.818**	**3.818**	**4.132**	**4.082**	**3.853**	**3.853**

TGGENCO
KTPS-VI
Form 13: Sales

FY 2024-25

(MU)

Audited Beneficiary	Actuals												Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	183.77	181.79	159.63	172.95	161.64	146.67	148.28	148.66	168.28	177.97	179.37	219.21	2048.23
TGNPDCL (29.45%)	76.71	75.89	66.64	72.19	67.48	61.23	61.90	62.06	70.25	74.29	74.87	91.50	855.00
Total	260.49	257.68	226.27	245.14	229.12	207.90	210.18	210.72	238.53	252.26	254.24	310.71	2903.24

FY 2025-26

	Actuals						Estimated						
Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	174.60	101.07	123.05	100.12	75.14	115.84	223.80	72.19	223.80	223.80	202.14	223.80	1859.37
TGNPDCL (29.45%)	72.89	42.19	51.37	41.79	31.37	48.36	93.42	30.14	93.42	93.42	84.38	93.42	776.16
Total	247.49	143.26	174.42	141.91	106.51	164.20	317.22	102.33	317.22	317.22	286.52	317.22	2635.53

FY 2026-27
Projected

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	204.55	211.37	204.55	211.37	211.37	204.55	211.37	204.55	211.37	211.37	190.92	211.37	2488.70
TGNPDCL (29.45%)	85.39	88.23	85.39	88.23	88.23	85.39	88.23	85.39	88.23	88.23	79.69	88.23	1038.87
Total	289.94	299.60	289.94	299.60	299.60	289.94	299.60	289.94	299.60	299.60	270.61	299.60	3527.57

Telangana Power Generation Corporation Limited
KTPS-VI Stage (1 X 500 MW)
Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)
Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month	%	90.64	99.93	89.26	98.79	94.80	78.52	92.11	99.16	99.98	98.56	96.94	100.00	94.91
3	Cumulative Availability (%)	%	92.85	97.68	95.62	97.04	97.05	94.33	92.09	92.96	93.75	94.24	94.46	94.98	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month	%	76.00	72.95	66.44	69.47	65.05	61.19	59.93	61.78	67.24	71.11	79.08	87.14	
6	Cumulative PLF (%)	%	76.00	74.45	71.81	71.21	69.96	68.53	67.28	66.60	66.68	67.12	68.13	69.74	
7	Gross Generation (MU)	MU	273.60	271.36	239.18	258.42	241.98	220.29	222.93	222.40	250.13	264.53	265.71	324.16	3054.69
8	Auxiliary Consumption (MU)	MU	13.12	13.69	12.90	13.28	12.86	12.39	12.75	11.68	11.59	12.28	11.47	13.45	151.46
9	Net Generation (MU)	MU	260.48	257.67	226.28	245.14	229.12	207.90	210.18	210.72	238.54	252.25	254.24	310.71	2903.23
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	3.740	3.740	3.740	3.740	3.740	3.740	3.740	3.740	3.740	3.740	3.740	3.740	
12	Approved Fixed Charges	Rs. Crore	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	390.67
13	Fuel Surcharge	Rs./kWh	4.059	4.093	4.172	4.171	4.148	4.061	4.241	4.213	3.944	4.088	4.234	4.251	
14	Fixed Charges During Month	Rs. Crore	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	32.56	390.67
15	Energy Charges Amount	Rs. Crore	71.19	70.42	61.84	67.00	62.62	56.82	57.44	78.81	89.21	94.34	95.09	116.20	920.99
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	34.53	35.05	32.56	35.26	32.42	27.62	31.70	9.98	4.87	8.78	12.55	15.87	281.18
17	Incentive Amount	Rs. Crore													
18	**Revenue from sale of electricity**	Rs. Crore	**138.28**	**138.03**	**126.95**	**134.81**	**127.59**	**116.99**	**121.70**	**121.34**	**126.63**	**135.67**	**140.20**	**164.63**	**1592.84**
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-67.63**
-	Non-Tariff Income true-up	Rs. Crore													**0.45**
-	Water charges	Rs. Crore													**0.91**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													
20	**Total Revenue**	Rs. Crore	**138.28**	**138.03**	**126.95**	**134.81**	**127.59**	**116.99**	**121.70**	**121.34**	**126.63**	**135.67**	**140.20**	**164.63**	**1526.57**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<KTPS-VII>
Tariff Filing Formats - Generation
Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
KTPS-VII
Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
				Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal	
A	**Annual Fixed Charges**										
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	483.04	536.74	536.74	510.66	564.87	539.87	588.67	
2	Depreciation	Rs. Crore	Form 4	186.42	174.74	174.74	186.42	174.82	186.42	174.95	
3	Interest and finance charges on loan	Rs. Crore	Form 5	242.01	220.61	220.61	223.03	205.13	203.81	188.83	
4	Interest on Working Capital	Rs. Crore	Form 6	61.34	62.76	62.76	62.76	62.57	63.13	62.19	
5	Return on Equity	Rs. Crore	Form 7	243.82	317.57	317.57	328.62	317.66	328.62	317.78	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	10.83	12.92	12.92	11.27	13.70	11.72	14.25	
7	**Annual Fixed Charges**	**Rs. Crore**		1205.80	1299.50	1299.50	1300.22	1311.35	1310.13	1318.17	
B	**Energy Charges**										
1	Energy Charge Rate	Rs./kWh	Form 12	3.620	3.456	3.456	3.498	3.498	3.434	3.434	
2	Scheduled Energy (ex-bus)	MU	Form 10	5288.98	5288.98	5288.98	4915.69	4915.69	5644.07	5644.07	
3	Energy Charges	Rs. Crore		1914.84	1827.67	1827.67	1719.51	1719.51	1938.17	1938.17	
C	**AFC +Energy Charges**	Rs. Crore		3120.64	3127.17	3127.17	3019.73	3030.86	3248.30	3256.34	

TGGENCO
KTPS-VII
Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
			Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Employee Expenses	Form 2.1		482.08	482.08		504.29		524.46
2	A&G Expenses	Form 2.2		21.78	21.78		25.67		27.21
3	R & M Expenses	Form 2.3		32.88	32.88		34.91		37.00
4	Total O&M Expenses		**483.04**	**536.74**	**536.74**	**510.66**	**564.87**	**539.87**	**588.67**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPS-VII
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Basic Salary	240.26	251.04	261.08
2	Dearness Allowance (DA)	30.52	31.87	33.15
3	House Rent Allowance	18.85	20.01	20.81
4	Conveyance Allowance	2.30	2.42	2.51
5	Leave Travel Allowance	-	-	-
6	Earned Leave Encashment	44.05	46.03	47.87
7	Other Allowances	42.94	44.89	46.69
8	Medical Reimbursement	0.78	0.69	0.72
9	Overtime Payment	-	-	-
10	Bonus/Ex-Gratia Payments	-	-	-
11	Interim Relief / Wage Revision	0.00	0.00	0.00
12	Staff welfare expenses	5.36	5.63	5.85
13	VRS Expenses/Retrenchment Compensation	-	-	-
14	Commission to Directors	-	-	-
15	Training Expenses	-	-	-
16	Payment under Workmen's Compensation Ac	-	-	-
17	**Net Employee Costs**	**385.06**	**402.58**	**418.68**
18	Terminal Benefits	-	-	-
18.1	Provident Fund Contribution	-	-	-
18.2	Provision for PF Fund	18.70	19.53	20.31
18.3	Pension Payments	-	-	-
18.4	Gratuity Payment	78.32	82.19	85.48
19	Unfunded past liabilities of pension & gratuity	-	-	-
20	Others	-	-	-
21	**Gross Employee Expenses**	**482.08**	**504.29**	**524.46**
22	Less: Expenses Capitalised			
23	**Net Employee Expenses**	**482.08**	**504.29**	**524.46**

TGGENCO
KTPS-VII
Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Rent Rates & Taxes	5.01	5.37	5.69
2	Insurance	-	-	-
3	Telephone & Postage, etc.	0.17	0.18	0.19
4	Legal charges & Audit fee	0.35	0.37	0.39
5	Professional, Consultancy, Technical fee	0.08	0.09	0.09
6	Conveyance & Travel	0.08	0.09	0.09
7	Electricity charges	6.87	7.24	7.67
8	Water charges	0.00	0.00	0.00
9	Security arrangements	8.53	9.14	9.69
10	Fees & subscription	0.45	0.49	0.51
11	Books & periodicals	0.00	0.00	0.00
12	Computer Stationery	-	-	-
13	Printing & Stationery	0.03	0.03	0.03
14	Advertisements	0.17	0.18	0.19
15	Purchase Related Advertisement Expenses	-	-	-
16	Contribution/Donations	-	-	-
17	License Fee and other related fee	-	-	-
18	Vehicle Running Expenses Truck / Delivery Van	0.04	0.04	0.04
19	Vehicle Hiring Expenses Truck / Delivery Van	2.02	2.13	2.25
20	Cost of services procured	-	-	-
21	Outsourcing of metering and billing system	-	-	-
22	Freight On Capital Equipments	0.09	0.09	0.10
23	V-sat, Internet and related charges	-	-	-
24	Training	0.08	0.09	0.09
25	Bank Charges	-	-	-
26	Miscellaneous Expenses	-	-	-
27	Office Expenses	0.02	0.02	0.02
28	Others	-2.22	0.11	0.12
29	**Gross A &G Expenses**	**21.78**	**25.67**	**27.21**
30	Less: Expenses Capitalised			
31	**Net A &G Expenses**	**21.78**	**25.67**	**27.21**

TGGENCO
KTPS-VII
Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Plant & Machinery	23.95	25.43	26.96
2	Buildings	7.43	7.89	8.36
3	Civil Works	-	-	-
4	Hydraulic Works	-	-	-
5	Lines & Cable Networks	0.92	0.97	1.03
6	Vehicles	0.09	0.09	0.10
7	Furniture & Fixtures	-	-	-
8	Office Equipment	0.49	0.52	0.55
9	**Gross R&M Expenses**	**32.88**	**34.91**	**37.00**
10	Gross Fixed Assets at beginning of year	**5109.13**	**5112.57**	**5112.57**
11	R&M Expenses as % of GFA at beginning of year	**0.64%**	**0.68%**	**0.72%**

TGGENCO
KTPS-VII
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	Opening Capital Works in Progress					0.00		0.00
2	Capital Expenditure during the year		3.44	3.44				4.97
3	Capitalisation during the year		**3.44**	**3.44**				**4.97**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

TGGENCO
KTPS-VII Stage
Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	2024-25									
1	2024-25	BTG	Power house Building -Main	0.19		0.19	buildings			PO No.4900043114
2			Plant & Machinery	2.98		2.98	Plant & Machinery			PO No. 5300000894
3			Other Civil Works	0.12		0.12				PO No. 4900011361
4			Furniture & Fixtures	0.08		0.08				PO NO. 4500031909
5			Office Equipement	0.02		0.02				
	Total					3.41				
1	2025-26	Civil Works	KTPS –Stage VII –Supply & Installation of Multi-Tier Shelving system with partitions of Godrej" or any Standard make in Storage Shed No.1 of KTPS- Stage VII, Paloncha, Bhadradri Kothagudem Dist.	4.97	2	0	Shelving system with partitions in Storage Shed No.1 of KTPS-Stage VII	Supply & Installation of Multi-Tier Shelving system with partitions of Godrej" or any Standard make in Storage Shed No.1 of KTPS-Stage VII	Clause No.22.3	Enclosed as Annexure
	2026-27				2.97	4.97				
	Total			4.97		4.97				
	Total									

* *Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

FORM-18 FOR THE FINANCIAL YEAR 2024-25 - UNIT CODE - 4110

.No	Asset	Asset description	PO NUMBER	OB	Cap.date	Acquisition	Transfer	CB
1	1100000401	Power House Building Main	4900043114	1975299348.26	26.12.2018	1925344.44	0.00	1977224692.70
		100110-BUILDINGS				**1925344.44**	**0.00**	
2	1200000154	Instrumentation & Control System	5300000894	1789292387.53	26.12.2018	1213023.60	0.00	1790505411.13
3	1300002490	Main Boiler	5300000298	9855330663.05	26.12.2018	22205754.98	0.00	9877536418.03
4	1300002537	Air-Conditioning Ventilation System	5300000596	76430013.81	26.12.2018	3306421.10	0.00	79736434.91
5	1300002563	Railway Siding & Marshalling Yard	4900043821	846224567.98	16.04.2020	1409783.95	0.00	847634351.93
6	1300002495	Coal Handling Plant	4900042368	4612558907.57	26.12.2018	1176511.43	-96025253.10	4517710165.90
7	1300002496	Switch Yard Main	5300001061	1116921396.47	26.12.2018	517488.92	0.00	1117438885.39
8	1300002771	800HP(TPP) Diesel Elect.Shunting Loco (3 Nos)	5300000608	0.00	01.04.2024	0.00	96025253.10	96025253.10
		100210-PLANT AND MACHINARY				**29828983.98**	**0.00**	
9	1600000339	Other Civil Works	4900011361	396911314.35	26.12.2018	1212851.72	0.00	398124166.07
		100410-OTHER CIVIL WORKS				**1212851.72**	**0.00**	
10	1800006008	ALMARAH,STOREWELL PLAIN;1981X916X486MM (20)	4500031909	0.00	19.07.2024	588069.70	0.00	588069.70
11	1800006005	ALMARAH,STOREWELL PLAIN;1981X916X486MM (6)	4500032822	0.00	07.08.2024	218731.14	0.00	218731.14
12	1800006007	CHAIR,EXECUTIVE,HIGHBACK,MDL:MARVEL	4500032824	0.00	22.08.2024	27516.24	0.00	27516.24
13	1800006009	SLOTTED ANGLE RACK,6X3FTX15",SHELF-18	4500032822	0.00	14.05.2024	0.00	54374.60	54374.60
		100510-FURNITURE AND FIXURES				**834317.08**	**54374.60**	
14	2100001735	Surveillance System (CC Cameras 6 Nos)	4500026793	288091.20	30.01.2023	99061.04	0.00	387152.24
15	2100001884	AIR COOLER,3 SPEED,250V/50HZ,W/STAND (8 Nos)	4500033546	0.00	04.03.2025	95005.16	0.00	95005.16
16	2100001881	Surveillance System with CC Cameras 6 Nos	4500033813	0.00	29.10.2024	49560.00	222947.73	272507.73
17	2100001833	WEIGHING SCALE, DOMESTIC, 0-125 KGS (2Nos)	4500029909	0.00	19.04.2024	2271.53	0.00	2271.53
18	2100001900	Surveillance System with CC Cameras 12 Nos	4500033813	0.00	26.03.2025	0.00	84075.00	84075.00
19	2100001922	Pebble Pro 15L Geyser		0.00	23.07.2024	9000.00	0.00	9000.00
		100960-OFFICE EQUIPMENT				**254897.73**	**307022.73**	
		GRAND TOTAL				**34056394.95**	**361397.33**	

17/06/2025

Dy.CHIEF CONTROLLER OF ACCOUNTS
KTPS - VII STAGE/PALONCHA

Justification to take up the work of "Supply & Installation of "Godrej" (or) any "Standard make" Multi-Tier Shelving system with partitions in Storage Shed No.1 of KTPS Stage VII (1x800MW), Paloncha, Bhadradri Kothagudem"

i) Due to space constraint in the KTPS-VII Stage (1x800 MW) premises, only '2' Nos. permanent storage sheds have been constructed against the requirement of '15' sheds for storing heavy materials and spares for the plant. The Shed No.1 is being used for storing medium- and lightweight materials/spares and Shed No.2 is intended for storing heavy materials. However, due to the absence of a shelving system in Shed No.1 of above Unit, only a small quantity of materials/spares are stored. As a result, most of the important materials/spares are kept in the existing old storage sheds in the KTPS (O&M) premises, which were constructed around '50' years ago and are now in a dilapidated condition due to ageing. The above sheds needs certain strengthening and rectification works.

ii) These old sheds are almost fully occupied with materials from both KTPS (O&M) and the new (1x800 MW) unit. Furthermore, a large quantity of spares/materials required for the new unit are being supplied by M/s. BHEL as per their contract.

iii) The Central Stores of the KTPS old plant contain rubber items, conveyor belts, various lubricants, cardboard, wood, and other materials that can accelerate the spread of flames, in case of fire accidents.

iv) The existing underground firefighting system at the Central Stores of the KTPS old plant is over 33 years old and operates at a pressure of 3 to 4 kg/cm^2. At present, water is being supplied from ICHP/KTPS-VII Stage at a pressure of 8 kg/cm^2. Due to this higher pressure, the pipes are frequently getting damaged, causing significant water leakages and resulting in a loss of pressure in the water supply to the KTPS-VII Stage yard area.

v) To minimize the risk of fire, the old sheds must be equipped with an effective fire prevention and protection system. Furthermore, to mitigate the above hazard, the materials stored at the Central Stores (old plant) should be shifted to the storage sheds at KTPS-VII Stage (1x800 MW), which would also help

eliminate the maintenance costs associated with the existing firefighting system at the Central Stores shed.

vi) Hence, it is proposed to install multi tier material storage shelves with partitions in Storage Shed No. 1, at an estimated cost of ₹ 4,97,08,680.00 (including GST), for storing important light- weight, medium-weight, and small spare materials for the KTPS-VII Stage (1x800MW).

vii) The TGGENCO Management constituted a committee comprising the Executive Director (Civil/Hydel), CE (O&M/KTPS-VII Stage), CE (Generation), and FA & CCA (Accounts) to study the requirement for the proposed shelving system in Storage Shed No. 1 of KTPS-VII Stage (1x800 MW).

viii) The Committee in its report dated 05.02.2024, has stated the following:

a) The committee inspected the old storage sheds on 11.10.2023, located in the premises of the closed/phased-out KTPS (O&M) plant, where materials are currently stored, as well as the newly constructed sheds at KTPS-VII Stage. The committee also visited the multi-tier storage system at M/s. Singareni Thermal Power Plant in Jaipur, Mancherial District, on 24.11.2023.

b) The Chief of Vigilance & Security, TGGENCO, also inspected the premises and submitted a report on 16.09.2023, proposing the shifting of materials from the old sheds of KTPS (O&M) to the new sheds at KTPS-VII Stage (1x800 MW).

c) There is a requirement for (15) sheds of size 15 m × 30 m with a height of 6 m for storing heavy-, medium-, and lightweight materials/spares for KTPS-VII Stage (1x800 MW).

d) However, due to space constraints in the new plant premises, only (2) permanent storage sheds of size 75 m × 25 m with a height of 12.5 m have been constructed.

e) Out of these two storage sheds, one is proposed exclusively for storing heavy materials, as it has been equipped with an EOT crane. Therefore, all

remaining materials must be stored in the 2nd shed. Additional space is also required for storing the large quantity of spares for KTPS-VII Stage being supplied by M/s. BHEL.

f) At present, all medium- and lightweight materials/spares for the KTPS-VII Stage (1x800 MW) plant are being stored in 20 old central storage sheds of the KTPS old plant, which were constructed around 50 years ago.

g) These sheds are in a dilapidated condition due to aging & heavy leakages observed in some sheds during the monsoon season. Further, additional security staff have become necessary to safeguard these materials, and extra expenditure is incurred for repairs to these sheds.

h) After inspecting the condition of the old sheds, the Chief of Vigilance & Security, TGGENCO, also opined that the sheds in the KTPS old plant premises are in poor condition and recommended for shifting the stored materials to the new storage sheds. This would allow the redeployment of the additional security personnel currently stationed at the old plant sheds to other plants, thereby reducing the monthly expenditure on security staff.

i) If material storage continues in the old sheds, it will require the construction of a new compound wall around them, the deployment of additional security staff, and further expenditure on repairs.

j) Providing a multi-tier shelving system would make it more convenient for plant maintenance engineers to access materials quickly, enabling faster restoration and bringing the unit back into operation and also avoiding duplicate security checks at two locations.

k) Installing multi-tier shelves would make it possible to reduce the strength of both stores staff and security personnel, as all materials could be stored in one shed at a single location, making access and stacking more efficient.

l) As such, the multi-tier shelving system is considered a cost-effective and long-term solution.

ix) Administrative approval was accorded by TGGENCO vide T.G.O.O.No.63/ CE/ C/Thermal/2025, Dt.18.07.2025, to take up the work of "KTPS-VII Stage (1x800MW) Supply & Installation of Multi-Tier Shelving system with partitions of Godrej' or any standard make in storage shed No.1 of (1x800MW) KTPS Stage VII, Paloncha, Bhadradri, Kothagudem Dist." for an amount of Rs.4,97,08,680.00 (Rupees Four Crore Ninety Seven Lakh Eight Thousand Six Hundred and Eighty Only) including GST and tendering process is in progress for the same.

x) A copy of the Committee report, along with the observations of the Vigilance & Security Wing/TGGENCO, the estimate proposals received from the Chief Engineer (O&M), KTPS-VII Stage, and the administrative approval accorded vide T.G.O.O. No. 63/CE/C/Thermal/2025, dated 18.07.2025, for the subject work, are enclosed herewith for reference.

xi) In view of the above, it is requested to consider the subject proposal amounting to ₹4,97,08,680.00 (including GST) and approval may be accorded for additional capitalization to Kothagudem Thermal Power Station Stage-VII (1x800 MW), Paloncha, Bhadradri Kothagudem District.

Justification for filing of True-up of FY 2024-25 of KTPS-VII Stage

S.No	Cost centre	Asset	Asset description	PO NUMBER	Cap.date	Acquisition	Transfer	Justification
1	41101103	1100000401	Power House Building Main	4900043114	26.12.2018	1925344.44	0.00	Providing of a storage shed for storage of various spares/ cables/ consumables etc., of EM and C&I Division for safeguard of the above materials
2	41101929	1200000154	Instrumentation & Control System	5300000894	26.12.2018	1213023.60	0.00	FDA System is still pending however there are lot minor works to be attended which are under persuence.
3	41101104	1300002490	Main Boiler	5300000298	26.12.2018	22205754.98	0.00	Main boiler is completed in all aspects,Except ALC's of Air preheaters pent house ,Ash leakages and failure of constant load hangers(CLHs) are rectify by M/s.BHEL
4	41101936	1300002537	Air-Conditioning Ventilation System	5300000596	26.12.2018	3306421.10	0.00	All the pending works are completed in Air conditioning ventilation system
5	41109901	1300002563	Railway Siding & Marshalling Yard	4900043821	16.04.2020	1409783.95	0.00	The balance works of realignment of line no.s 5,6,& 7 to its original alignment by terminating the temporary lines provided from KTPS V&VI stages to Marshalling yard to KTPS-VII Stage for movement of coal rakes at KTPS VII Stage.
6	41109901	1300002495	Coal Handling Plant	4900042368	26.12.2018	1176511.43	-96025253.10	The technological structures of underground conveyors 1A/B, 3A/B, 4A/B & 14 are eroded due to seepage of water in to tunnels. Hence, TGGENCO requested M/s BHEl for painting of under groung conveyors Technological structures to enhance the life of the conveyor structures. But M/s BHEL requested TGGENCO to take up the above work on back charge basis. In this regard, capital budget (vide WBS element No.T-0010.08.01) was sanctioned for an amount of 18,50,000/- to carry out the subject work. Hence, the above work was executed.
7	41101934	1300002496	Switch Yard Main	5300001061	26.12.2018	517488.92	0.00	Switch yard main works are completed.411 Bay tie auto reclosure not working properly,Soil sinking while hydra moment in Switchyard should be resolved, 220V DC &48V DC battery charger cards should be supplied,410FGD bay Y-Phase metering CT oil leak should be arrested and pending mandatory spares should be supplied.
8	41109901	1300002771	800HP(TPP) Diesel Elect.Shunting Loco (3 Nos)	5300000608	01.04.2024	0.00	96025253.10	Three No.s BHEL Locos available in MCP division are being utilized for shunting of Coal wagons i.e BOBR type loads at ICHP and VII Stage Track hopper, Box N type loads at Wagon tipplers 1 & 2 VII Stage and at ICHP. The locos are operated round the clock for 365 days to release the Coal racks within time to avoid Demurage Charges, for ensuring continuous & un-interrupted feeding to unit. So the Locos are to be kept in healthy and good running condition.
9	41109953	1600000339	Other Civil Works	4900011361	26.12.2018	1212851.72	0.00	Taking over of land Ac. 5-07 Gts in survey no 532 on rental basis for the purpose of fabrication yard, Material stock yard and for labour colony of M/s. BHEL for (1x800MW) KTPS-VII stage works, Paloncha
10	41109947	1800006008	ALMARAH,STOREWELL PLAIN;1981X916X486MM (20)	4500031909	19.07.2024	588069.70	0.00	Procurement of Iron Almirahs for utlization in O&M PRA's Prov.PRA, Artision PRA's , Pension, EPF & GPF, Cash Section, GAS & APS and General Sections at Central Office Accounts wing for safeguard of service registers of Employees.
11	41109945	1800006005	ALMARAH,STOREWELL PLAIN;1981X916X486MM (6)	4500032822	07.08.2024	218731.14	0.00	Procurement of Iron Almirahs for safeguard of procurement files, Purchase orders files,other correspondence files and for storing of sample materials that are received against the tenders in purchase division.
13	41109940	1800006009	SLOTTED ANGLE RACK,6X3FTX15",SHELF-18	4500032822	14.05.2024	0.00	54374.60	
12	41109945	1800006007	CHAIR,EXECUTIVE,HIGHBACK,MDL:MARVEL	4500032824	22.08.2024	27516.24	0.00	These chairs are required for utilization in the purchase division since existing chairs are very old, damaged and are in irrepairable condition . Due to this, it's becoming very difficult in performing the office work for long hours comfortably.
14	41109959	2100001735	Surveillance System (CC Cameras 6 Nos)	4500026793	30.01.2023	99061.04	0.00	The Procured material is required for Establishment of Surveillance system at different locations / areas along the boundary wall and other important locations in KTPS-VII Stage premises.
16	41109959	2100001881	Surveillance System with CC Cameras 6 Nos	4500033813	29.10.2024	49560.00	222947.73	
18	41109959	2100001900	Surveillance System with CC Cameras 12 Nos	4500033813	26.03.2025	0.00	84075.00	
15	41101928	2100001884	AIR COOLER,3 SPEED,250V/50HZ,W/STAND (8 Nos)	4500033546	04.03.2025	95005.16	0.00	In summer season, some of the shift locations near Bottom Ashing Area, ESP Hoppers Area, Mills area and oil& Grease rooms etc., will be too hot to work efficiently. The shift operators are not efficiently work in the work locations due to high ambient temperature. It is better to arrange Air coolers at the above specified locations for the sake of welfare of the emplyoees.In view of the above, it is proposed to procure 8 number of air coolers on emergency basis.
17	41109956	2100001833	WEIGHING SCALE, DOMESTIC, 0-125 KGS (2Nos)	4500029909	19.04.2024	2271.53	0.00	It is required for use in the Hospital
19	41109952	2100001922	Pebble Pro 15L Geyser		23.07.2024	9000.00	0.00	It is required for use in the Guest House
GRAND TOTAL						34056394.95	361397.33	

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
Chief Engineer
O&M, KTPS VII Stage
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-253902,253771,252973 Fax:08744-252973
ktps.dep1@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s SELFY TECHNOLOGIES
D.NO.42-663,SHIVA NAGAR,
ALWYN COLONY,KUKATPALLY,
HYDERABAD 500072, Telangana
Phone No:9000081705

Vendor Code : 114564
GSTIN : 36AQAPB0881C2ZG
PAN No.: AQAPB0881C

PO No: 4500026793 / CE/O&M/KTPS VII / DE/PUR I / K04 / 2021 - 22 / / DT. 29.03.2022

Sub: KTPS VII Stage # Adm # IT - Establishment of Surveillance system in Essential locations/Areas of KTPS(O&M) premises - Detailed Purchase Order -Issued - Regarding.

Ref :
1. T.O.E.T.No.246/2021-2022/CE(O&M),KTPS VII Stage/P12/IT-VII Stage
2. Your Quotation Received through e-procurement portal.
3. Lr.No.CE(O&M),KTPS VII Stage/P12/IT/E.T.No.246/21-22/D.No.3194/21-22, Dt.21/01/2022.
4. Your Lr Ref:Nil; Dt: 22/01/2022.
5. Lr.No.CE(O&M),KTPS VII Stage/P12/IT/E.T.No.246/21-22/D.No.4102/21-22,Dt.22/03/2022.
6. Your Lr Ref:Nil, Dt:23/03/2022.
7. T.O.Mail Dt:24/03/2022.
8. Your mail reply, Dt:24/03/2022 & Dt:25/03/2022.
9. T.O.Mail Dt:26/03/2022.
10. Your mail reply, Dt:26/03/2022.

1 **ACCEPTANCE :**
We are pleased to confirm our acceptance to your offer and subsequent correspondence referred to above. Kindly arrange to execute the order strictly as per specification and quantities as indicated in Annexure-I subject to the conditions specified herein. Our General Purchase Conditions, Dispatching & Invoicing Instruction enclosed. Kindly arrange to return duplicate copy of this order duly signed and stamped within 10 days in token of having received and accepted the order.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure - I
PO Amount : Rs. 2,312,514.10
In words : RUPEES TWENTYTHREE LAKH TWELVE THOUSAND FIVE HUNDRED FOURTEEN AND PAISE TEN ONLY

3 **PRICE BASIS :**
FOR: Stores/O&M/KTPS VII Stage/Paloncha.

4 **PACKING & FORWARDING CHARGES :**
Inclusive. The material shall be adequately & securely packed before dispatch to withstand rough handling

during transportation up to site and also prevent damage due to corrosion.

5 **CENTRAL SALES TAX /VAT/GST :**

a)For materials:GST Extra at actuals or as applicable at the time of dispatch of material.
b)For services:GST extra at actuals or as applicable at the time of completion of work.
The present rate of GST is 18%. Please mention GSTIN, PAN, HSN codes and SAC Code on the respective Invoices.

6 **VARIATION IN TAXES & DUTIES :**

(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO#s account, provided that the purchase order is executed within the Delivery period stipulated in Clause No.13.
(b). Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER#S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

7 **FREIGHT :**

Inclusive.

8 **TRANSIT INSURANCE :**

Inclusive.

9 **TERMS OF PAYMENT :**

a) 100% of all inclusive price of material supplied will be arranged with in 30 days from the date of receipt, verification & acceptance of the material in good condition at the Central Stores/KTPS(O&M), along with the relevant documents and invoice.
b) 100% of all inclusive price of Service portion charges will be paid with in 30 days from the date of successful completion of work at site and submission of invoice as per actual quantities. SE/Adm/KTPS-VII Stage shall issue satisfactory completion of work certificate in this regard. A separate Service Invoice with applicable Taxes Extra at that time shall be raised and submitted to the DE/IT/KTPS VII Stage.

10 **SECURITY DEPOSIT :**

Applicable, as per clause No. 2.5 of GPC i.e. 2.5% of PO value (Rs.57,813.00). Further, the EMD paid through online payment in the E-Procurement Portal against the e-tender 246/21-22 cited in ref(1) for an amount of Rs.14,934/- (payment ID:1357924) is converted as part payment towards SD. Hence, please furnish balance SD amount for Rs.42,879/- by way of DD drawn in favour of SAO-I/O&M/KTPS/Paloncha payable at SBI Paloncha (or) otherwise the same will be deducted from the bill only. The SD shall be released after successful execution of this PO on your application requesting for the release of Security Deposit.

11 **PERFORMANCE BANK GUARANTEE :**

Applicable as per GPC clause no.2.9 i.e. 10% of PO value.The BG shall be submitted along with material otherwise payment shall be released after retaining 10% value of PO as per the provision of P.O.The same shall be released as soon as BG is received and accepted.The BG shall be released after completion of Gurantee period.

12 **GUARANTEE PERIOD :**

(a)The material supplied by you against this order shall be guaranteed for satisfactory performance for a period of 12 months from the date of supply of material.
(b).The material supplied by you shall be free from all kinds of manufacturing defects, all such defects & any other defects noticed during the guarantee / warrantee period should be immediately rectified/ replaced by you free of cost.
(c) Guarantee Certificate covering the above Guarantee Period in respect of the subject material shall be furnished along with the material.
(d)Each of the scheduled job/work shall be guaranteed against all kinds of defects and poor workmanship for a period of one year from the date of completion of respective job/work.

13 **DELIVERY PERIOD :**

(a)All the Scheduled material shall be delivered in good condition at the Central stores/KTPS VII Stage/Paloncha with 6-8 weeks from the date of receipt of Purchase order.
(b) The firm shall depute its service personnel along with qualified technical supervisor within 7 days from the date of receipt of letter from SE/Adm/KTPS-VII Stage for commencing installation job.

(b) Installation & commissioning job shall be completed in all respects to the utmost satisfaction of the TSGENCO Engineers, within 90 days from the date of commencement of work at site.

14 LIQUIDATED DAMAGES :

Applicable, as per Clause No 2.8 of GPC. A sum equivalent to 0.5% of the value of delayed portion shall be deducted for each week of delay, subject to a maximum of 5% of the total value of the order.

15 CONSIGNEE : :

1.Assistant Divisional Engineer/CS-III/KTPS VII Stage(for supply of materials).
2.DE/IT/KTPS-VII Stage(for execution and commissioning of surveillance system at KTPS(O&M).

16 JURISDICTION. :

All and any disputes or differences, arising out of or touching this order, shall be decided only by Courts/Tribunals situated in Hyderabad or Secunderabad Cities.No suit or legal proceedings shall be instituted elsewhere.

17 TAX COLLECTED AT SOURCE (TCS) :

Statutory levies and taxes are extra at applicable rates. However, in case of TCS U/s 206C(1H), TCS will be paid on satisfactory verification of proof of required details i.e., The turnover of the vendor during preceding financial year has crossed Rs.10 crores and cumulative purchases of TSGENCO during the current fianacial year have exceeded the threshold limit of Rs.50lakhs (otherwise limits as prescribed by law). The providing of above required information is the responsibility of the vendor only.

18 FORCE MAJEURE :

1) The vendor shall not be liable for delay or failing to execute the purchase order for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes. Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.

2) The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify.

3) No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.

4) At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

19 SPECIAL INSTRUCTIONS :

(a) The material shall be supplied in the standard/sealed OEM packing along with the relevant literature.
(b) All Original documents i.e., Original Invoice for 100% of material value, consignee copy of L/R, guarantee certificate etc. shall be sent directly to Consignee ADE/CS-III for taking delivery of materials & arranging payment with a copy to this office.
(c)The firm shall furnish Guarantee/warrantee certificate for manageable switches and cameras issued by the OEM.
(d)Billing, for the service portion, will be done as per actuals after completion of work.
(e) The firm shall make its own arrangements for the stay [boarding & lodging] and local conveyance of its service personnel. No additional charges other than specified in this order will be paid.
(f)The firm shall arrange for transportation of the required material from stores to the work spot at its own cost.The balance materials shall be returned back in good condition after completion of the worksto the TSGENCO Engineer & shall be neatly stacked at specified location. Also, the removed materials, debris, scrap etc, if any generated / collected shall be transported to the stores or the site shown by the TSGENCO Engineerwithout causing any inconvenience to TSGENCO.
(g)The materials including consumables viz., welding electrodes, industrial gases, kerosene, T&P, special T&P including welding transformers, all hoists, slings, the general T&P like spanners, hammers, hacksaws, Ladders etc.,if any required in attending the work shall have to be arranged by the firm on its own.
(h) The work spot / area should be maintained neat & clean during the course of the work and shall be cleaned after completion of work, as per the directions of the concerned TSGENCO Engineer, without causing any inconvenience to TSGENCO.
(i) The TSGENCO Ltd, is not responsible for any accident to the workers engaged by the firm; the firm has to indemnify the TSGENCO Ltd from the obligation of paying any compensation what so ever during the period of contract. The firm is responsible for all the accidents and the consequences due to any accidents that take place inside or outside the premises to its workers. The TSGENCO Ltd will not pay compensation, if any accidents

occur to its workers while carrying out the work. Insurance against all types of risk for its workers during the period of execution of the work will have to be arranged by the firm at its own cost before commencement of work.
(j) The firm has to arrange qualified Technical supervisor during execution of the work at site.
(k) Installation and commissioning job shall be completed in all respects to the utmost satisfaction of the TSGENCO Engineers, within 90 days in different spells / one spell as per the site clearance after the commencement of the work.
(l) All PPE (Helmets, Safety shoe, Safety belts etc) should be provided to the staff engaged by the firm at its own cost.
(m) The firm has to follow all the labour laws and rules in force from time to time.
(n)The firm shall provide technical support for configuration and installation of ANPR Cameras as and when required.
(o) For information related to delivery of materials, you may contact ADE/CS-III/KTPS VII Stage at +919491088622 and for information related to status of payment, you may contact DyCCA at +919490153007.

20 **GENERAL TERMS :**

01.Place of Dispatch : Hyderabad
02.Place of Delivery : Stores/O&M/KTPS VII Stage/Paloncha
03.Mode of Dispatch :By Road preferably through our authorized transporter.
04.Inspection : CS-I/O&M/KTPS VII Stage/Paloncha
05.Bank Charges :DD Commission Charges & if any, to your account.
06.Price Variation. : Firm & fixed, till the absolute execution of this order.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:
DY.CCA (Audit)/TSGENCO/VS/Hyderabad.
Chief Engineer/Elecy/Generation/Vidyut Soudha/Hyd.
Audit Officer/TSGENCO/KTPS.
Chief Engineer/O&M/KTPP.
Chief Engineer/KTPS.V&VI Stages.
Superintending Engineer/Adm/KTPS-VII Stage
DyCCA/KTPS-VII Stage
Divisional Engineer/IT/KTPS-VII Stage - Please pursue with the firm till receipt of material at stores.
Divisional Engineer/S&S/KTPS(O&M)/VII Stage.
Asst. Divisional Engineer/CS-III/KTPS.
Asst. Divisional Engineer/CS-I/KTPS.
Asst. Engineer/Transport/KTPS.

Annexure - 1

PO No: 4500026793 / CE/O&M/KTPS VII / DE/PUR I / K04 / 2021 - 22 / / DT.29.03.2022

Sub: KTPS VII Stage # Adm # IT - Establishment of Surveillance system in Essential locations/Areas of KTPS(O&M) premises - Detailed Purchase Order -Issued - Regarding.

S.No	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	300001084 (852580) 64 CHANNEL NVR(NETWORK VIDEO RECORDER), MODEL:DS-9664NI-I8,Make:Hikvision	NO	1	76245.00 INR	1	76245.00
2	200026235 (847170) 6 TB SURVEILLANCE HARD DISK compatible to above NVR, Make: Seagate	NO	8	12190.00 INR	1	97520.00
3	200025844 (852580) Camera 4MP N/W IR Bullet.IR range:upto40m,Lens 4MM, make:Hikvision; Model:DS-2CD3045G0-I.	NO	70	7532.50 INR	1	527275.00
4	300001083 (852580) (AUTOMATIC NUMBER PLATE RECOGNITION)ANPR CAMERA,2MP, LENS:5.3-13 MM,Make:Hikvision, MODEL: DS-TCM203-A/5313	NO	6	41975.00 INR	1	251850.00
5	200029664 (900110) 6CORE ARMOURED SINGLE MODE OFC Make:Finolex/D-Link	M	10000	21.46 INR	1	214600.00
6	200026123 (853690) Industrial and outdoor use FRP (Fiber glass reinforced polythene) enclosure/ Junction box;IP65,Insulated,440hX440wX155d mm; With mounting palte and Lugs. Make: Sumip Subox	NO	35	6673.50 INR	1	233572.50
7	100171954 (851762) Switch,Industrial,Managable with 8PORT 10/100MBPS AND 2No.s S.M GIGABIT SFP PORTS. Model:RS30 Rail switch Make:D-Link	NO	5	6902.00 INR	1	34510.00
8	300000027 (851762) 1GBPS single mode SFP LX/LC TRANSCEIVER modules Suitable for above switches supports up to 20km distance. Make:D-link	NO	10	1487.50 INR	1	14875.00
9	200013719 (851762) 8 PORT UNMANAGEABLE SWITCHES with speed 1GBPS TP Link	NO	30	1261.40 INR	1	37842.00
10	300000166 (851762) MEDIA CONVERTER,LX TO TX ETHERNET SINGLE MODE;	NO	60	2708.50 INR	1	162510.00

	connector:SC;Speed: 1 GBPS;Supports up to 20 KM distance. Make:Netfox.						
11	200028810 Fiber optic,Compact 8-PORT,Fully loaded, Metallic patch panel with splice tray(8 Nos. SM Pigtails&Fiber adaptors).	(853710)	NO	35	3570.00 INR	1	124950.00
12	100033784 4 Channel SMPS,INPUT:110-240V AC,OUTPUT:12V DC,10A, 4 Channel;Compact Size; Make:ERD	(850440)	NO	20	773.50 INR	1	15470.00
13	100133204 SMPS,INPUT:110-240V AC,OUTPUT:12V DC,2A, COMPACT SIZE, Make:ERD.	(850440)	NO	20	249.90 INR	1	4998.00
14	200025786 SMPS,INPUT:110-240V AC,OUTPUT:24V DC,2A, Compact size,Make:ERD.	(850440)	NO	6	553.35 INR	1	3320.10
15	200006692 CABLE,CAT6 UTP (305 METER COIL ROLL). Make: D-Link.	(85444999)	NO	2	7199.50 INR	1	14399.00
16	200013716 STP(Sheilded Twisted pair) 305M CAT6 CABLE BOX. Make:D-Link.	(854449)	NO	8	13090.00 INR	1	104720.00
17	200006683 TWO CORE COPPER Unarmoured POWER CABLE OF 1.5 SQ MM (As per ISI Standards).	(854449)	M	1000	61.80 INR	1	61800.00
18	200028809 JACK,RJ45,WITH METALLIC SHIELD, FOR CAT-6 STP, MODULAR PLUG.	(853669)	NO	300	59.50 INR	1	17850.00
19	100044237 CIRCUIT BREAKER,MINIATURE;RATED CURRENT:2 A;RATED VOLTAGE:240 VAC (As per ISI Standards) Type-C.	(853620)	NO	35	654.50 INR	1	22907.50

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(995469)					
1		M3	150.000	100.00	1	15,000.00
	Excavation of earth with size 0.5mtr width*400 mtr length*0.75mtr depth					
2		M3	150.000	50.00	1	7,500.00
	Refilling of trench of size 0.5 mtr width*400mtr length*0.75 depth with excavated hard soil					
3		M	14,050.000	12.00	1	168,600.00
	Laying of OFC/cat-6/power cable in the cable trays / existing trenches / excavated trenches /PVC pipes / HDPE pipes after carefully unwinding the cable from cable drum including transport					
4		NO	5.000	500.00	1	2,500.00
	Fixing of racks					

5	Fixing or removing cameras	NO	66.000	200.00	1	13,200.00
6	OFC splicing(fiber termination and testing)	NO	280.000	200.00	1	56,000.00
7	Excavation of pit, fabrication and erection of pole	NO	30.000	950.00	1	28,500.00
				Total Amount :		**Rs. 2,312,514.10**

Total Amount in Words : RUPEES TWENTYTHREE LAKH TWELVE THOUSAND FIVE HUNDRED FOURTEEN AND PAISE TEN ONLY

CHIEF ENGINEER/O&M/KTPS VII Stg

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
Chief Engineer
O&M, KTPS VII Stage
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-253902,253771,252973 Fax:08744-252973
ktps.dep2@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s SNB ASSOCIATES
#D.NO:9-1-51, TEACHERS COLONY

NEW PALONCHA 507115, Telangana
Phone No:9959585454

Vendor Code : 107491
GSTIN : 36ACHFS0493G1ZZ
PAN No.: ACHFS0493G

PO No: 4500031909 / CE/O&M/KTPS VII / DE/PUR I / K09 / 2023 - 24 / / DT. 13.03.2024

Sub: KTPS VII Stage # Accounts - Supply of Almairahs - Detailed purchase order - Issued - Regarding.

Ref : 1. T.No.84/23-24/CE/O&M/KTPS VIIstage/PUR/P42/Almairah.
2. Your bid received through e-procurement SNBA/KTPS VII/ Accounts/Almairah/230860, dtd.12.08.2023.
3. Lr.No.CE/O&M/KTPS VII Stage/DE/PUR/P42/T.No.84/23-24/D.No.2366/ 23-24, Dt.05/10/2023.
4. Your mail reply received, dtd.06.10.2023.
5. T.O.mail, Dtd.01/03/2024.
6. Your reply through mail, Dtd.02/03/2024.

1 **ACCEPTANCE :**
We are pleased to confirm our acceptance to your offer and subsequent correspondence referred to above. Kindly arrange to execute the supplies strictly as per specification and quantities as indicated in Annexure-I subject to the conditions specified herein. Our General Purchase Conditions, Dispatching & Invoicing Instruction enclosed. Kindly arrange to return duplicate copy of this order duly signed and stamped within 10 days in token of having received and accepted the order.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure - I of PO.
PO Amount : Rs. 498,400.00
In words : RUPEES FOUR LAKH NINETYEIGHT THOUSAND FOUR HUNDRED ONLY

3 **PRICE BASIS :**
FOR:Stores/O&M/KTPS VII Stage/Paloncha.

4 **PACKING & FORWARDING CHARGES :**
Inclusive. The material shall be adequately & securely packed before dispatch to withstand rough handling during transportation up to site and also prevent damage due to corrosion.

5 **FREIGHT :**
Inclusive.

6 **TRANSIT INSURANCE :**
Inclusive.

7 **CENTRAL SALES TAX /VAT/GST :**
GST Extra at actuals or as applicable at the time of dispatch of material. The present rate is GST extra @ 18%. Please mention GSTIN, PAN and HSN codes on the Invoice.

8 **VARIATION IN TAXES & DUTIES :**

(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO#s account, provided that the material are dispatched within the Delivery period stipulated in Clause No.10.
(b). Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER#S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

9 TAX COLLECTED AT SOURCE (TCS) :
Statutory levies and taxes are extra at applicable rates. However, in case of TCS U/s 206C(1H), TCS will be paid on satisfactory verification of proof of required details i.e., The turnover of the vendor during preceding financial year has crossed Rs.10 crores and cumulative purchases of TSGENCO during the current fianacial year have exceeded the threshold limit of Rs.50lakhs (otherwise limits as prescribed by law). The providing of above required information is the responsibility of the vendor only.

10 DELIVERY PERIOD :
The scheduled materials shall be delivered in good condition at Central Stores/O&M/KTPS VII Stage with in 10-12 weeks from the date of receipt of this purchase order.

11 GUARANTEE PERIOD :
The material shall be guaranteed for a period of 12 months from the date of supply of material against any manufacturing defects or poor workmanship of materials. Defective supply made if any shall be replaced at free of cost. Please furnish Guarantee certificate in duplicate along with material with a copy to Dy.CCA/KTPS VII Stage.

12 TERMS OF PAYMENT :
100% payment inclusive of all taxes will be arranged within 30 days on receipt and acceptance of material in good condition and on receipt of bills in triplicate along with Delivery Challan/LR duly certified by the consignee.The payment shall be made through RTGS to the following account.

1. Title of the Account : SNB Associates
2. Account Number for RTGS :4811115000000193
3. IFSC- code (Indian Financial System Code) :KVBL0004811
4. Name, Branch and Address of the Payee's Bank: Karur Vysya Bank, Palwancha branch

13 SECURITY DEPOSIT :
Exempted as the firm is a regular supplier.

14 PERFORMANCE BANK GUARANTEE :
Not applicable.

15 CONSIGNEE : :
Assistant Divisional Engineer/CS-III/O&M/KTPS VII Stage.

16 SPECIAL INSTRUCTIONS :
1)The supplies shall be made from latest batch of manufacture only.
2)All original documents i.e original invoice for 100% value (duly indicating GSTIN no. and HSN Codes), consignee copy of L/R, guarantee certificate etc. shall be sent in a separate courier/post directly to consignee i.e ADE/CS-III/O&M/KTPS VII Stage/Paloncha for taking delivery of material and regularizing transaction.
3)The materials shall be supplied in the standard/sealed OEM pack along with relevant literature/catalogue, if any.
4) For information related to delivery of materials, you may contact ADE/CS-III/O&M/KTPS VII Stage at +917382608103 (email id: ktps.destores@tsgenco.co.in) and for information related to status of payment, you may contact Dy.CCA/KTPS at +919490612562 (email id: ktps.dycca@tsgenco.co.in).
5) The full dispatch particulars, name of transporters shall be furnished to consignee and to this office by mail ktps.dep1@tsgenco.co.in.
6)Risk Purchase clause: In case the material is not supplied as per delivery period then TSGENCO reserves the right to purchase the total quantity/balance quantity from open market and recover the extra expenditure thus increased from the supplier.

17 LIQUIDATED DAMAGES :
Applicable, as per Clause No 2.8 of GPC. A sum equivalent to 0.5% of the value of delayed materials shall be deducted for each week of delay, subject to a maximum of 5% of the total value of the order.

18 FORCE MAJEURE :
1) The supplier shall not be liable for delay or failing to supply the materials/ equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes. Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.
2) The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify.
3) No price variation shall be allowed during the period of force majeure and liquidated damages would not be

levied for this period.

4) At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

19 GENERAL TERMS :

01.Place of Dispatch : Paloncha
02.Place of Delivery : Stores/O&M/KTPS VII Stage/Paloncha
03.Mode of Dispatch : By Road preferably through our authorized transporter.
04.Inspection : Central Stores/O&M/KTPS VII Stage/ Paloncha
05.Price Variation : Firm & fixed, till the absolute execution of this order.

20 JURISDICTION. :

All and any disputes or differences, arising out of or touching this order, shall be decided only by Courts/Tribunals situated in Hyderabad or Secunderabad Cities.No suit or legal proceedings shall be instituted elsewhere.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:

DY.CCA (Audit)/TSGENCO/VS/Hyderabad.
Chief Engineer/Elecy/Generation/Vidyut Soudha/Hyd.
Asst. Audit Officer/TSGENCO/KTPS.
Chief Engineer/KTPS.V Stage/PALONCHA.
Dy.CCA/KTPS(O&M)& VII Stage.
Senior Accounts Officer-I/Accounts/KTPS/VII Stage - Please persue with the firm till the receipt of material at stores and obtain T&P estimate sanction before drawing the material from the central stores.
Diviaional Engineer/S&S/KTPS VIIstage - Please obtain T&P estimate sanction copy before issuing the material.
Asst. Divisional Engineer/CS-III/KTPS VII Stage.
Asst. Divisional Engineer/CS-I/KTPS VII Stage.
Asst. Engineer/Transport/KTPS VII Stage.

Annexure - 1

PO No: 4500031909 / CE/O&M/KTPS VII / DE/PUR I / K09 / 2023 - 24 / / DT.13.03.2024

Sub: KTPS VII Stage # Accounts - Supply of Almairahs - Detailed purchase order - Issued - Regarding.

S.No.	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	600002429 (940310) ALMARAH - STOREWELL PLAIN SIZE:1981X916X486MM, MAKE: GODREJ	NO	20	24920.00 INR	1	498400.00

Total Amount : Rs. 498,400.00

Total Amount in Words : RUPEES FOUR LAKH NINETYEIGHT THOUSAND FOUR HUNDRED ONLY

CHIEF ENGINEER/O&M/KTPS VII Stg

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
Chief Engineer
O&M, KTPS VII Stage
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-253902,253771,252973 Fax:08744-252973
ktps.dep2@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s BHAGYALAXMI ENTERPRISES
10-2-370 KOKALA RESIDENCY
WEST MAREDPALLY,, NEAR MCH PARK
500026, Telangana
Phone No:9849914216

Vendor Code : 115617
GSTIN : 36AAPFB6000L1ZE
PAN No.: AAPFB6000L

PO No: 4500032824 / CE/O&M/KTPS VII / DE/PUR I / K09 / 2023 - 24 / / DT. 23.02.2024

Sub: KTPS # VII Stage-Adm/Purchase- Supply of Furniture # Detailed Purchase Order # Issued - Reg.

Ref : 1. T.O.Enq.No.150/23-24/CE/O&M/KTPS-VII Stage/DE/Pur/P42/Furniture.
2. Your Qtn uploaded through e-procurement platform.
3. T.O.Lr.No.CE/O&M/KTPS-VII Stage/Adm/S&S/P42/E.T.No.150/23-24/ D.No.3739/23-24,Dt.24/1/2024.
4. Your reply through mail, Dt:01.02.2024.
5. T.O.mail, Dtd.08/02/2024.
6. Your reply through mail, Dt:08.02.2024.

1 **ACCEPTANCE :**
We are pleased to confirm our acceptance to your offer and subsequent correspondence referred to above. Kindly arrange to execute the supplies strictly as per specification and quantities as indicated in Annexure-I subject to the conditions specified herein. Our General Purchase Conditions, Dispatching & Invoicing Instruction enclosed. Kindly arrange to return duplicate copy of this order duly signed and stamped within 10 days in token of having received and accepted the order.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure-I .
PO Amount : Rs. 23,318.00
In words : RUPEES TWENTYTHREE THOUSAND THREE HUNDRED EIGHTEEN ONLY

3 **PRICE BASIS :**
FOR: Stores/KTPS-VII stage/Paloncha.

4 **PACKING & FORWARDING CHARGES :**
Inclusive. All the material shall be securely packed in such a manner to withstand rough handling during transport upto site. All the above material shall be adequately protected before dispatch to prevent damage and entrance of foreign matter.

5 **FREIGHT :**
Inclusive.

6 **TRANSIT INSURANCE :**
Inclusive.

7 **CENTRAL SALES TAX /VAT/GST :**
GST Extra as appplicable at the time of dispatch. Present rate of GST is 18% Extra. Please mention HSN Code, GSTIN and PAN on your invoice.

8 **VARIATION IN TAXES & DUTIES :**

(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO#s account, provided that the material are dispatched within the Delivery period stipulated in Clause No.10.
(b) Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER#S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

9 TAX COLLECTED AT SOURCE (TCS) :
Statutory levies and taxes are extra at applicable rates. However, in case of TCS U/s 206C(1H), TCS will be paid on satisfactory verification of proof of required details i.e., The turnover of the vendor during preceding financial year has crossed Rs.10 crores and cumulative purchases of TSGENCO during the current fianacial year have exceeded the threshold limit of Rs.50lakhs (otherwise limits as prescribed by law). The providing of above required information is the responsibility of the vendor only.

10 DELIVERY PERIOD :
The material shall be delivered within 6-8 weeks from the date of receipt of Purchase Order. However you are requested to compress the delivery period.

11 GUARANTEE PERIOD :
The material shall be guaranteed for satisfactory performance for a period of 12 months from the date of supply against manufacturing defects. If, during the period of the guarantee it is found defective of workmanship of material and/or fails in operation due to defects, such material shall be replaced by you free of cost to the TSGENCO, within a reasonable time as per the site requirement. A certificate (guarantee certificate) to this effect shall be submitted along with material.

12 TERMS OF PAYMENT :
100% payment inclusive of taxes will be arranged within 30 days after receipt and acceptance of material at stores in good condition and after receipt of bills in triplicate duly certified by the consignee. The payment shall be made through RTGS to the following account.

1. Title of the Account : Bhagyalaxmi Enterprises
2. Account Number for RTGS : 6389268768
3. IFSC- code (Indian Financial System Code) : IDIB000M256
4. Name, Branch and Address of the Payee's Bank: Indian Bank, Plot No.231 A, Opp.St Anns School, Konda Reddy Street,West MArredpally,Secunderabad-500003

13 SECURITY DEPOSIT :
Not Applicable

14 PERFORMANCE BANK GUARANTEE :
Not Applicable.

15 CONSIGNEE : :
Asst. Divisional Engineer/CS-III/KTPS-VII Stage.

16 SPECIAL INSTRUCTIONS :
1) All original documents i.e original invoice (duly indicating GSTIN no. and 6 digit HSN Codes), consigne copy of L/R,Guarantee Certificate etc. shall be sent in a separate courier/post directly to consignee i.e ADE/CS-III/O&M/KTPS VII Stage/Paloncha for taking delivery of material and regularizing transaction.

2)The materials shall be supplied from the latest batch of manufacturing only.

3) For information related to delivery of materials, you may contact ADE/CS-III/O&M/KTPS VII Stage at +917382608103 (email id: ktps.destores@tsgenco.co.in) and for information related to status of payment, you may contact DyCCA/KTPS at +919490612562 (email id: ktps.dycca@tsgenco.co.in).

4)RISK PURCHASE: In case of supplier who has not adhered to supply the material as per delivery period then TSGENCO reserves the right to purchase the total quantity/ balance quantity from the open market and recover the extra expenditure thus incurred from the supplier.

17 LIQUIDATED DAMAGES :
Applicable, as per Clause No 2.8 of GPC. A sum equivalent to 0.5% of the value of delayed materials shall be deducted for each week of delay, subject to a maximum of 5% of the total value of the order.

18 FORCE MAJEURE :

1)The supplier shall not be liable for delay or failing to supply the materials/ equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes. Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.

2)The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify.

3)No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.

4)At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

19 GENERAL TERMS :

1. Place of Despatch : Secunderabad.
2. Place of Delivery : Stores/O&M/KTPS-VII Stage/Paloncha.
3. Mode of Dispatch : By Road
4. Inspection : At Stores/O&M/KTPS-VII Stage/Paloncha..
5. Price Variation. : Firm and fixed without any variation till complete execution of order in all respects.

20 JURISDICTION. :

All and any disputes or differences, arising out of or touching this order, shall be decided only by Courts/Tribunals situated in Hyderabad or Secunderabad Cities.No suit or legal proceedings shall be instituted else where.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

DY.CCA (Audit)/TSGENCO/VS/Hyderabad.
Chief Engineer/Elecy/Generation/Vidyut Soudha/Hyd.
Audit Officer/TSGENCO/KTPS.
Chief Engineer/KTPS.V&VI Stages.
Superintending Engineer/Adm/KTPS-VII Stage
Dy.CCA/KTPS-VII Stage-The bank details received from the firm are herewith enclosed for processing of payment.
Divisional Engineer/Purchase/KTPS-VII Stage - Please pursue with the firm till receipt of material
Divisional Engineer/S&S/KTPS-VII Stage-It is requested to obtain necessary T&P estimate sanction before issue of material
Asst. Divisional Engineer/CS-III/KTPS-VII Stage.
Asst. Divisional Engineer/CS-I/KTPS-VII Stage.
Asst. Engineer/Transport/KTPS-VII Stage.

Annexure - 1

PO No: 4500032824 / CE/O&M/KTPS VII / DE/PUR I / K09 / 2023 - 24 / / DT.23.02.2024

Sub: KTPS # VII Stage-Adm/Purchase- Supply of Furniture # Detailed Purchase Order # Issued - Reg.

S.No.	Material Code / Description	(HSN)	UOM	Qty	Unit Price	Per	Total Value
1	300001153	(940130)	NO	1	23318.00 INR	1	23318.00
	EXECUTIVE CHAIR OF HIGH BACK MODEL:MARVEL,COLOUR:CARBON BLACK MAKE:GODREJ (Leatherette)						

Total Amount : Rs. 23,318.00

Total Amount in Words : RUPEES TWENTYTHREE THOUSAND THREE HUNDRED EIGHTEEN ONLY

CHIEF ENGINEER/O&M/KTPS VII Stg

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
Chief Engineer
O&M, KTPS VII Stage
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-253902,253771,252973 Fax:08744-252973
ktps.dep1@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s TEAM ELECTRICALS
16-3-33, SHANTI NAGAR, KAREEMABAD ROAD

WARANGAL 506002, Telangana
Phone No:9177748880

Vendor Code : 113064
GSTIN : 36CPLPP0684R1ZW
PAN No.: CPLPP0684R

PO No: 4500033546 / CE/O&M/KTPS VII / DE/PUR I / K06 / 2024 - 25 / / DT. 15.05.2024

Sub: KTPS VII Stage - O&M - Gen - Supply of air coolers - Detailed Purchase Order - Issued - Reg.

Ref : 1. T.O. Enq.No.M100018066/24-25/CE(O&M),KTPS VII Stg/DE/PUR/K06/Gen Div/D.No.226/24-25,Dt:27.04.2024.
2. Your ref No.TE/09/2024-25,Dt: 27.04.2024
3.T.O mail Dtd: 02.05.2024
4.Your mail reply, dtd.03.02.2024.
5. Lr.No.CE(O&M), KTPS #VII Stage/P32/Gen /E.No M100018066/D.No.339 /24-25, Dt:07/05/2024.
6. Your neg reply ref: Nil, dtd:07.05.2024

1 **ACCEPTANCE :**
We are pleased to confirm our acceptance to your offer and subsequent correspondence referred to above. Kindly arrange to execute the supplies strictly as per specifications and quantities as indicated in Annexure-I subject to the conditions specified herein. Our General Purchase Conditions, Dispatching & Invoicing Instructions enclosed. Kindly arrange to return duplicate copy of this order duly signed and stamped within 10 days in token of having received and accepted the order.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure - I of PO.
PO Amount : Rs. 80,512.00
In words : RUPEES EIGHTY THOUSAND FIVE HUNDRED TWELVE ONLY

3 **PRICE BASIS :**
FOR:Stores/KTPS(O&M)/VII Stage/Paloncha.

4 **PACKING & FORWARDING CHARGES :**
Inclusive. The material shall be adequately & securely packed before dispatch to withstand rough handling during transportation up to site and also prevent damage due to corrosion.

5 **FREIGHT :**
Inclusive.

6 **TRANSIT INSURANCE :**
Inclusive.

7 **CENTRAL SALES TAX /VAT/GST :**
GST Extra at actuals or as applicable at the time of dispatch of material. The present rate is GST extra @ 18%.

Please mention GSTIN, PAN and HSN codes on the Invoice.

8 VARIATION IN TAXES & DUTIES :

(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO#s account, provided that the material are dispatched within the Delivery period stipulated in Clause No.10.

(b). Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER#S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

9 TAX COLLECTED AT SOURCE (TCS) :

Statutory levies and taxes are extra at applicable rates. However, in case of TCS U/s 206C(1H), TCS will be paid on satisfactory verification of proof of required details i.e., The turnover of the vendor during preceding financial year has crossed Rs.10 crores and cumulative purchases of TSGENCO during the current fianacial year have exceeded the threshold limit of Rs.50lakhs (otherwise limits as prescribed by law). The providing of above required information is the responsibility of the vendor only.

10 DELIVERY PERIOD :

The scheduled materials shall be delivered in good condition at Central Stores/O&M/KTPS VII Stage within 10 days from the date of receipt of this purchase order.

11 GUARANTEE PERIOD :

The guarantee period is 12 months from the date of supply. Defective supply made if any shall be replaced at free of cost. Please furnish Guarantee certificate in duplicate along with material with a copy to Dy.CCA/KTPS VII Stage.

12 TERMS OF PAYMENT :

100% payment inclusive of all taxes will be made within 30 days after receipt and acceptance of material at stores in good condition and after receipt of bills in triplicate duly certified by the consignee.
Payment will be made through RTGS mode against the following details:

1. Bank Account Name / Title of the Account : M/S TEAM ELECTRICALS
2. Bank Account Number :38110522352
3. Name of the Bank:STATE BANK OF INDIA
4. IFSC code:SBIN0020777
5. Branch of the Bank :SHIVANAGAR,WARANGAL.

13 SECURITY DEPOSIT :

Not Applicable.

14 PERFORMANCE BANK GUARANTEE :

Not applicable.

15 CONSIGNEE : :

Assistant Divisional Engineer/CS-III/O&M/KTPS VII Stage.

16 SPECIAL INSTRUCTIONS :

1) The materials shall be supplied from the latest batch of manufacture only.
2)All original documents i.e., original invoice for 100% value (duly indicating GSTIN no. and HSN Codes), consignee copy of L/R, guarantee certificate etc. shall be sent in a separate courier/post directly to consignee i.e ADE/CS-III/O&M/KTPS VII Stage/Paloncha for taking delivery of material and regularizing transaction.
3)The materials shall be supplied in the standard/sealed OEM pack along with relevant literature/catalogue, if any.
4) For information related to delivery of materials, you may contact ADE/CS-III/O&M/KTPS VII Stage at +917382608103 (email id: ktps.destores@tsgenco.co.in) and for information related to status of payment, you may contact Dy.CCA/KTPS at +919490612562 (email id: ktps.dycca@tsgenco.co.in).
5) The full dispatch particulars, name of transporters shall be furnished to consignee and to this office by mail ktps.dep1@tsgenco.co.in and ktps.destores@tsgenco.co.in(9490612572).
6)RISK PURCHASE:In case of supplier who has not adhered to supply the material as per delivery period then TSGENCO reserves the right to purchase the total quantity/ balance quantity from the open market and recover the extra expenditure thus incurred from the supplier.

17 LIQUIDATED DAMAGES :

Applicable, as per Clause No 2.8 of GPC. A sum equivalent to 0.5% of the value of delayed materials shall be deducted for each week of delay, subject to a maximum of 5% of the total value of the order.

18 FORCE MAJEURE :

1) The supplier shall not be liable for delay or failing to supply the materials/ equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes. Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.
2) The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the

cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify.
3) No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.
4) At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

19 **GENERAL TERMS :**

1. Place of Dispatch : Warangal
2. Place of Delivery : Stores/(O&M)/ KTPS VII Stage
3. Mode of Dispatch : By Road through authorized transporters.
4. Price Variation. : Firm & fixed without any variation till complete execution of order in all respects
5. Inspection : At KTPS/O&M/VII Stage Stores/Paloncha.

20 **JURISDICTION. :**

All and any disputes or differences, arising out of or touching this order, shall be decided only by Courts/Tribunals situated in Hyderabad or Secunderabad Cities.No suit or legal proceedings shall be instituted elsewhere.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

DY.CCA (Audit)/TSGENCO/VS/Hyderabad.
Chief Engineer/Elecy/Generation/Vidyut Soudha/Hyd.
Asst. Audit Officer/TSGENCO/KTPS.
Chief Engineer/KTPS.V Stage/PALONCHA.
Superintending Engineer/O&M/KTPS-VII Stage.
Dy.CCA/KTPS(O&M)& VII Stage- The bank details received from the firm are here with enclosed for processing of payment.
Divisional Engineer/Gen /KTPS-VII Stage. # Please persue with the firm till the receipt of material at stores.
Divisional Engineer/S&S/KTPS-VII Stage-----It is instructed to obtain necessary T&P estimate sanction copy before issuance of material to the concerned engineers.
Asst. Divisional Engineer/CS-III/KTPS VII Stage.
Asst. Divisional Engineer/CS-I/KTPS VII Stage.
Asst. Engineer/Transport/KTPS VII Stage.

Annexure - 1

PO No: 4500033546 / CE/O&M/KTPS VII / DE/PUR I / K06 / 2024 - 25 / / DT.15.05.2024

Sub: KTPS VII Stage - O&M - Gen - Supply of air coolers - Detailed Purchase Order - Issued - Reg.

S No.	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	600003248 (847960) AIR COOLER , SYMPHONY JUMBO 70, 155 WATTS, WITH STAND MAKE:SYMPHONY (As per enquiry : AIR COOLER,70 LITERS CAPACITY, POWER RATING 185-200W, SPEED 1350-1450 RPM, 3 SPEED CONTROL,250V/50HZ,WITH STAND)	NO	8	10064.00 INR	1	80512.00

Total Amount : Rs. 80,512.00

Total Amount in Words : RUPEES EIGHTY THOUSAND FIVE HUNDRED TWELVE ONLY

CHIEF ENGINEER/O&M/KTPS VII Stg

-153-

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

O/o. Dy.CCA/KTPS
CE/O&M/KTPS-VII Stage
Inward No.
Dt:

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045,
Hyderabad
Telangana
Phone :040-23840266 Fax:040-23849004
E Mail:cgmerp@tggenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

Chief Engineer (O&M) No. 1648 01 JUL 2024

To :
M/s SUNSHINE TECHNOLOGIES,
#404, KALANJALI CLASSIC,
SCIENTIST COLONY, HAISIGUDA,
SECUNDERABAD 500007, Telangana,
Phone No:040-64440004

Vendor Code : 112556
GSTIN : 36ACKFS4315E1ZZ
PAN No.: ACKFS4315E

AO - I
AO - II
AO - III
AAO - IV
AAO

02/07/2024

Office of the CE/O&M/KTPS-VII Stg.
No. 2818
Date 27/6/24

JS
SE/ Adm
DE/
Dy.CCA

CE/O&M/KTPS-VII Stg.

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT. 13.06.2024

Sub: TGGENCO - IS&ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Detailed Purchase Order - Issued.

Ref :
1. Tender Specification No:17/23-24/GM(ERP)/TSGENCO, Dated:10.02.2024(Tender ID:496553).
2. Your offer submitted on e-Procurement platform.
3. Lr.No:CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ/D.No:142/24,Dt:10.05.2024.
4. Your lr.No.SST/TSGENCO/ERP/24-25,Dt.21.05.2024.

1 **ACCEPTANCE :**
Saving for, on behalf of, and by the order and your direction of Telangana State Power Generation Corporation Limited (herein after called 'TGGENCO'), accept your offer vide ref(2), submitted against this office tender cited at ref(1), and subsequent correspondance at ref(3) & (4)cited, for Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants subject to the Terms & Conditions set out in this Order.

2 **SCOPE OF CONTRACT/ORDER :**
The scope of this contract covers Supply of subject material and services, as per the Annexure -1 & 2 of this Purchase Order.

3 **SCHEDULE OF MATERIALS & PRICES :**
As per the Annexure-1 enclosed.

PO Amount : Rs. 3,578,300.00
In words : Rupees Thirtyfive Lakh Seventyeight Thousand Three Hundred Only

4 **PRICE BASIS :**
The Prices accepted are on FOR destination to the consignee address. The Price shall remain firm and is not subject to variations on any grounds, till execution of the order.

5 **PACKING & FORWARDING CHARGES :**
The Prices are inclusive of Packing & Forwarding charges. The material shall be adequately & securely packed before despatch, to withstand rough handling during transport up to site and also to prevent damage, corrosion & entrance of foreign matter.

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6 **FREIGHT :**
The prices accepted are inclusive of freight charges. Material shall be dispatched on freight paid basis.

7 **TRANSIT INSURANCE :**
The Supplier shall be fully responsible for the delivery of the material in good condition as per Annexure-1 & to the Consignees and shall therefore ensure that the consignment(s) are duly insured to cover any risk in transport. Charges for providing transit insurance cover for the consignment(s) shall be to the Suppliers account only. The Supplier shall be solely responsible for settlement of insurance claims, if any, and for replacement of damaged material.

8 **CENTRAL SALES TAX /VAT/GST :**
The prices accepted are exclusive of GST applicable at the time of dispatch. The present applicable GST is 18%.

9 **VARIATION IN TAXES & DUTIES :**
Any variations, either upward or downward, in Goods and Services Taxes (GST) or any new introduction of Taxes/Duties/Levies etc, will be to TGGENCO's account, provided that the supplier adheres to the delivery period as indicated.

In case the Supplier fails to adhere to the stipulated delivery Schedule, up-ward variation in GST or new taxes/duties/levies etc., imposed, if any, beyond the agreed delivery period, shall be to the Supplier's account and if there is any downward variation in GST, the benefit shall be passed on to TGGENCO.

Any reduction in rate of tax on any supply of goods or services, the benefit of input tax credit shall be passed on to TSGENCO by way of commensurate reduction in prices vide section 171 of GST antiprofiteering measure.

10 **DELIVERY PERIOD :**
Delivery of the Material & Services as per Annexure-2 shall be made within 6 weeks from the date of receipt of the Purchase Order.

11 **GUARANTEE PERIOD :**
The supplied equipment, should have COMPREHENSIVE ON-SITE MAINTENANCE WARRANTY & SUPPORT, for a total period of One year from the date of Supply & Configuration of the equipment at respective locations as per Annexure-2. A certificate to this effect shall be submitted along with the Bills.

During this warranty period, the supplier shall be responsible for the following:

a. Repair/replacement of parts/components at free of cost.
b. In the event of the equipment failure, maintenance support shall be provided at site at the earliest.
c. In case of necessity of removal and sending any component/equipment to the manufacturers for repair /replacement, stand-by shall be provided within 72 hours so as to ensure uninterrupted use of the equipment.

After repairs/replacements if any, the material shall be delivered free of charge to the site and if the Supplier is not able to execute the same in time, TGGENCO may at its option, to do so at Supplier's risk and expenses and recover the full cost from the Supplier.

12 **TERMS OF PAYMENT :**
a) 100% payment will be made within 30 days after satisfactory completion of Supply of ordered material and on issue and acceptance of Performance Bank Guarantee as per Clause No.(11) & (14) of this order.

b) For making 100% payment, the following documents are to be submitted by the supplier to the respective consignees.

i) Invoice in Quadruplicate.
ii) Advance stamped receipt.
iii) Letter of Acceptance of Bank Guarantee submitted towards Performance Guarantee of the supplied material & services, issued by the Chief General Manager(IS&ERP), Room No.201, ERP Competency Centre,GTS Colony, Kalyan Nagar, Hyderabad-500045.

13 **SECURITY DEPOSIT :**
a) SECURITY DEPOSIT (SD), for 2.5% of the Order Value, i.e., for an amount of Rs.89,458/-(Rupees Eighty Nine Thousand Four Hundred and Fifty Eight Only), shall be submitted, within 7 days from the date of receipt of this Purchase Order,in the form of a DD/BC,drawn in favour of "Pay Officer,TSGENCO,Vidyut Soudha,

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Hyderabad".

(b) Submission of Security Deposit is must for release of the payment. The SD will be refunded / returned, on application, after ensuring receipt of MATERIALS at site in good condition and Configuration of the MATERIALS in all respects and settlement of any/all pending claims.

14 **PERFORMANCE BANK GUARANTEE :**
Bank Guarantee for an amount equivalent to 10% of the total value of this Order, i.e., Rs.3,57,830/-(Rupees Three Lakhs Fifty Seven Thousand Eight Hundred and Thirty Only) shall be submitted to this Office, as security towards satisfactory performance of the material supplied, as per the requirements of this Order. The Performance Bank Guarantee shall be issued by any Scheduled Bank / Nationalized Bank on non-judicial stamp paper(s) of value Rs.100/-, in TGGENCO standard format as per Annexure-5 with validity for a period covering the guarantee period. Claim period shall be for an additional six months over and above the Validity Period.

Approval of Performance Bank Guarantee is essential for arranging payment. It is advised to submit the BG well in advance to enable us to get authenticity confirmation from the Banker and then accept/process bills. However, in the event of non-submission/non-approval of Performance Bank Guarantee, by the time the payment becomes due, an equivalent amount will be deducted from the bills, while arranging payment.

The Performance Bank Guarantee, or the amount deducted in lieu of the Performance Bank Guarantee, will be returned/refunded, on application, after expiry of the Guarantee Period, after ensuring settlement of any/ all claims.

15 **PAYING OFFICER : :**
The invoices shall be drawn in favour of Paying Officers of respective Stations as per Annexure-2.

16 **CONSIGNEE : :**
The material shall be consigned to the following:

1. The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/ Manuguru/Bhadradri Kothagudem for material.

2.The Assistant Divisional Engineer/Stores/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for material.

3.The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ TGGENCO/Palvancha/Bhadradri Kothagudem(Dist) for material.

4. The Assistant Divisional Engineer/Stores/KTPS-VII Stage/ TGGENCO/Palvancha/Bhadradri Kothagudem(Dist.) for material.

5. The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.

6.The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.

7.The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.

8. The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

17 **LIQUIDATED DAMAGES :**
The delivery schedule mentioned in this Purchase Order shall be deemed to be the essence of this contract. In case of delay in delivery of materials / Services whatever may be the reason, TGGENCO may at its option to demand and recover from the supplier an amount equivalent half percent (0.5%) of value of undelivered quantity for every week of delay, subject to a maximum of 5% of total contract value. Date of supply & configuration of material will be treated as date of delivery for penalty calculations.

This right of TGGENCO shall be without prejudice to its rights under the law including the right to cancel the contract, forfeit the deposits recover the damages for breach of contract.

18 **LOSS OR DAMAGE :**
External damages, or shortages, if any, will be intimated to the supplier, within one month from the date of receipt of the material at site. Internal defects, damages or shortages of any integral parts, which cannot

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ordinarily be detected on a superficial visual examination, will be intimated within two months from the date of receipt of the materials at site. In either case, the defective or damaged items shall be replaced and the short shall be made good, by the Supplier, free of cost, within a reasonable period, irrespective of settlement Insurance Claims, if any.

19 **FORCE MAJEURE :**
The Supplier shall not be liable for delay or failing to supply the materials/equipment for reasons of Force Majeure such as Act of God, Act of War,Act of Public Enemy,Naturalcalamites,Fires,Floods,Frosts, Strikes Lockouts etc., Only those causes which have a duration of more than 7 days shall be considered for Force Majeure.

The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts to justify. No price variation shall be allowed during the period of Force Majeure and liquidated damages would not be levied for this period.

At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

20. **ACKNOWLEDGEMENT :**
Please acknowledge the receipt of this order with your confirmation of its acceptance, by you and additional copy enclosed may please be returned with your signature in token of your acceptance.

21 **CORRESPONDENCE :**
i. All general and technical correspondence should be addressed to Chief General Manager(IS & ERP), Room No.201,ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

ii. All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Consignee at clause(16). Copies shall also be submitted to this office.

iii. A copy of delivery challan/slip and Installation/Configuration reports should invariably be sent to this office for information and future reference.

22 **JURISDICTION. :**
All or any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad & Secunderabad Cities only. No suit or other legal proceedings shall be instituted elsewhere.

23 **CANCELLATION OF ORDER :**
The Corporation reserves the right to cancel the order in part or in full by giving two weeks notice thereof if:
- The supplier fails to comply with any of the terms of the order.
- The supplier becomes bankrupt or goes into liquidation,
- The supplier makes general assignment for the benefit of the creditors and
- Any Receiver is appointed for the property owned by the supplier.

Enclosures:
Annexure-01- Schedule of Materials & Prices.
Annexure-02- Plant wise Allocation Schedule.
Annexure-03- Detailed Technical Specifications.
Annexure-04- Location of cameras to be installed at BTPS,KTPP,KTPS-V&VI Stages and KTPS-VII Stage.
Annexure-05- Proforma for Performance Bank Guarantee.

For & On behalf of TGGENCO

13/6/16

Chief General Manager (IS&ERP)

12/16

Document Dispatch Details:

Dispatch No: Date : LOA Payment

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We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S AUTHORISED REPRESENTATIVE

Copy to:
The Chief Engineer(Construction)/BTPS(4x270MW)/TGGENCO/Manuguru.
The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The Chief Engineer/KTPS-VII stage/TGGENCO/Palvancha /Bhadradri Kothagudem District - 507115.
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad.
The Dy.CCA/BTPS/TGGENCO/Manuguru.
The DYCCA/KTPP/TSGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)
The Senior Accounts Officer/KTPS-VII Stage/TGGENCO/palvancha/Bhadradri Kothagudem District-507115.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad.
The Pay officer/TGGENCO/Vidyut Soudha/Hyderabad
The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/Manuguru.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/ Ghanpur(M)/Jayashankar Bhupalpally(D).
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ Palvancha/Bhadradri Kothagudem(D).
The Assistant Divisional Engineer/Stores/KTPS-VII stage/ Palvancha/Bhadradri Kothagudem Dist.
The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.
The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.
The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.
The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

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PO No:4500033813

Annexure - 1

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

Sub: TGGENCO - IS&ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Detailed Purchase Order - Issued.

S.No	Material Code (HSN) / Description	UOM	Qty	Unit Price	Per	Total Value
1	200026016 (85258020) 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	NO	34	42000.00 INR	1	1428000.00
2	100183020 (85219090) 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	NO	3	23705.00 INR	1	71115.00
3	200026015 (84717020) SURVEILLANCE HARDDISK 10TB, SEAGATE	NO	12	13035.00 INR	1	156420.00
4	200026387 (8525) 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	NO	27	3450.00 INR	1	93150.00
5	200031573 (85235220) 256 GB SD Card, SANDISK	NO	21	1430.00 INR	1	30030.00
6	200006683 (854449) Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	M	1000	60.00 INR	1	60000.00
7	200028810 (854470) Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	NO	10	3457.00 INR	1	34570.00
8	100123872 (39259090) Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	NO	16	3950.00 INR	1	63200.00
9	200025946 (85176290) SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	NO	32	3155.00 INR	1	100960.00
10	100178302 (853610) Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	NO	10	300.00 INR	1	3000.00
11	100182856 (85219090) 8 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7708NI	NO	1	12640.00 INR	1	12640.00

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	(Detailed Technical Specifications as per Annexure-3)						
12	200026026 (8525) NO 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO		1	5431.00 INR	1	5431.00	

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	EA	13.000	54,278.00	1	705,614.00
2	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	EA	3.000	54,278.00	1	162,834.00
3	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)	EA	7.000	54,278.00	1	379,946.00
4	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)	EA	5.000	54,278.00	1	271,390.00
				Total Amount :		Rs. 3,578,300.00

Total Amount in Words : Rupees Thirtyfive Lakh Seventyeight Thousand Three Hundred Only

13/6/16

Chief General Manager (IS&ERP)

13/6/16

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Annexure - 2

Plant wise Allocation Schedule

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	6.000	NO	KTPS (O&M)
2	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS (O&M)
3	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS (O&M)
4	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	3.000	NO	KTPS (O&M)
5	200031573 256 GB SD Card, SANDISK	6.000	NO	KTPS (O&M)
6	1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)	5.000	EA	KTPS (O&M)
7	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	9.000	NO	KTPS-V & VI
8	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS-V & VI
9	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS-V & VI
10	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	8.000	NO	KTPS-V & VI
11	200031573 256 GB SD Card, SANDISK	9.000	NO	KTPS-V & VI
12	1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)	7.000	EA	KTPS-V & VI
13	200026016	3.000	NO	KTPP(O&M)

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Annexure - 2

Plant wise Allocation Schedule

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
	2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPP(O&M)
14	100182856 8 CH NETWORK VIDEO RECORDER, HIKIVISION DS-778NI (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPP(O&M)
15	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	16.000	NO	KTPP(O&M)
16	200025946 SINGLE MODE MEDIA CONVERTER; NETFOX/D-LINK	1.000	NO	KTPP(O&M)
17	200026026 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	3.000	EA	KTPP(O&M)
18	1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	16.000	NO	BTPS (O&M)
19	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	1.000	NO	BTPS (O&M)
20	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	3.000	NO	BTPS (O&M)
21	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	16.000	NO	BTPS (O&M)
22	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	6.000	NO	BTPS (O&M)
23	200031573 256 GB SD Card, SANDISK	1,000.000	M	BTPS (O&M)
24	200006683 Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	10.000	NO	BTPS (O&M)
25	200028810 Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK			

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Annexure - 2

Plant wise Allocation Schedule

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

S No.	Mat. Code/Description	Qty	UOM	Station Name
26	100123872 Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX165d mm; with mounting plate and lugs	16.000	NO	BTPS (O&M)
27	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	BTPS (O&M)
28	100178302 Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10.000	NO	BTPS (O&M)
29	1 TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	BTPS (O&M)

13/6/24

Chief General Manager (IS&ERP)

L1 & L4

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Annexure-3 to PO No.4500033813/Dt: .06.2024.
Detailed Technical Specifications

S.No	Description	Make & Model
A	Material	
1	**2 MP Full HD IP PTZ Camera with IT (Night Vision)** **STANDARD:** ONVIF PROFILE S Complaint; **Integration with existing online system:** Industry has to ensure integration with existing online monitoring system of the State Board/State Data centre. **Certification:** UL,CE/B1s, FCC and RoHS **FDGE STORE:** micro SD/ micro SDHC/micro SDZC slot supporting memory card for min 128GB (min CLASS 10 or higher card to be included). In the event of failure of connectivity to the network storage the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically merged with the network storage recording such that no manual intervention is required to transfer the SD card based recordings to network storage. The industry shall have feed storage capacity of atleast 3 months. **DATA CONNECTIVITY:** WIRE AND WIRELESS BOTH **IMAGE SENSOR:** 1/2.8" CMOS ORor better; **Resolution:** 2MP (min 1920 x 1080) at 25FPS or better **COMPRESSION:** H.264, H.265, MJPEG, MPEG4; **PROTOCOL:** IPV4/V6, TCP/IP,UDP, RTP, RTSP, RTCP,HTTP, HTTPS, SSL, ICMP,FTP,SMTP,DHCP,PPPOE, UPNP, IGMP, SNMP,V2CC/V3 CONJOUR, DNS, DDNS, QOS, NTP, NFS; **Auto Exposure:** Automatic Level Control/Electronic Level Control, **Operating Condition:** It shall be operable over the all ambient conditions of temp., wind speed, humidity, pressure etc., **PANNING RANGE AND SPEED:** 0 DEG TO 360 DEG.,0.2 deg/S - 160 deg/S; **TILTING RANGE AND SPEED:** 180 degree, 0.2 degree/S - 120 degree/S, **PRESETS:** 100 PRESETS OR HIGHER, **AUTO APD SUPPORT FOR RECORDING PLAY BACK:** YES	Hikvision, DS-2DE7A225IW-AEB (T5)

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2	**16 CH NETWORK VIDEO RECORDER,** SATA Ports:4 SATA interfaces Serial interface: RS-485 (half-duplex), 1 RS-232 Capacity: Up to 10 TB capacity for each HDD USB interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 Power supply: 100 to 240 VAC, 50 to 60 Hz Supported standard: IEEE 802.3 af/at Interface: 8 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface Network protocol: TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS Decoding format: H.265/H.265+/H.264/H.264+/MPEG4 IP video input: IP video Input: 16-ch up to 12 MP resolution, 32 MP and 24 MP is only, available for channel 1 when ultra HD resolution mode is enabled. HDMI output: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA output: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz Video output mode: HDMI1/VGA simultaneous output, HDMI2/VGA independent output	HIKIVISION, DS-7716NI-K4 16CH
3	**8 CH NETWORK VIDEO RECORDER,** SATA Ports:4 SATA interfaces Serial interface: 2 RS-485 (half-duplex), 1 RS-232 Capacity: Up to 10 TB capacity for each disk USB interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 Power supply: 100 to 240 VAC, 50 to 60Hz Supported standard: IEEE 802.3 af/at Interface: 8 RJ-45 10/100 Mbps self-adaptive Ethernet interface Network protocol: TCP/IP, DHCP, IPv4, Hik-Connect , DNS, DDNS, NTP,RTSP,SADP, SMTP, SNMP, NFS,iSCSI, ISUP,UPnP#, HTTP, HTTPS Decoding format: H.265/H.265+/H.264/H.264+ IP video input: 8-ch Up to 12 MP resolution Incoming bandwidth: 80 Mbps HDMI output: 1-ch, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz,1920 x 1080/60 Hz, 1600 x 1200/60 Hz,1280 x 1024/60 Hz,1280 x 720/60 Hz, 1024 x 768/60Hz VGA output: 1-ch, 1920 × 1080/60 Hz, 1280 ×1024/60 Hz, 1280 × 720/60Hz, 1024 x 768/60Hz Video output mode: HDMI/VGA independent output	HIKVISION, DS-778NI 8CH
4	SUVEILLANCE HARDDISK 10TB	SEAGATE

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5	5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	TP-Link /D-Link/ Hikivision
6	256GB Micro SD Card	Sandisk
7	Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	
8	Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters)	D-Link
9	Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	
10	SINGLE MODE,MEDIA CONVERTER	Netfox/D-Link
11	Single Pole 2 Amp MCB; Type-C	Anchor/Legrand
12	4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	
B	SERVICES	
13	TSPCB server connectivity charges for cameras with 1 Year AMC. Scope of work as below: 1. Router configurations 2. RTSP Links Generating 3.Server Link generation after router every configuration 4.Online support for data download support 5.TSPCB device add-on payments 6. Online support for upkeep and maintenance of online connectivity. 7. Connectivity Problem analysis and advice on resolution 8. Email / SMS configuration on TSPCB server. 9. Free UI (User Interface) upgrades and essential Upgrades if any released during AMC period. 10. Software re-installation and configuration in event of software corruption. 11.Configuration of IP camera # s in the event of change in Public IP address)	

13/6/24

Chief General Manager(IS&ERP)

(15/16)

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i) Tools and tackles required for handling and installation of equipment.

ii) Protection required for the equipment from rain, dust storm etc. during transportation such as provision of polyethylene cover/tarpaulin etc.

iii) Auto fittings, unit assemblies, accessories, hardware items, termination lugs for electrical connections, cable glands, end termination boxes, interface units, splitters and misc. materials or accessories or items of works which are useful and necessary for efficient assembly and installation of the equipment, shall be deemed to be included in the tender within the rates quoted, unless otherwise specifically indicated in the tender.

iv) No tools and tackles either for unloading or for shifting the equipment for erection purpose would be made available by the department. The successful tenderer shall make own arrangement for all these facilities.

B. **Location of cameras to be installed at BTPS,KTPP,KTPS-V&VI Stages and KTPS-VII Stage:**

i) **At BTPS**

Sl.No	Camera Placing Location	Camera Type	Qty
1	Stacks of units – 1 to 4	PTZ Cameras	1 No
2	ETP effluent discharge point		1 No
3	Effluent discharge point of STP in BTPS plant		1 No
4	Effluent discharge point of STP in BTPS township area		1 No
5	Near the end of BTPS plant effluent drain near culvert at Peddavagu		1 No
6	Dust prone areas: Ash silos, Wagon tippler, 5 Nos TPs and crusher house		8 Nos
7	Ash ponds 1 & 2 areas		3 Nos
		Total	16 Nos

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ii) **At KTPP**

Sl.No	Camera Placing Location	Camera Type	Qty
1	Near switchyard area to view 2 Nos chimneys to witness the stack emission	PTZ Cameras	1 No
2	On stage-II Chimney for industry view		1 No
3	ETP discharge view		1 No
			3 Nos

iii) **At KTPS-V&VI stages**

Sl.No	Camera Placing Location	Camera Type	Qty
1	Chimney V stage	PTZ Cameras	1 No
2	Chimney VI stage		1 No
3	Dozor shed		1 No
4	SILO – V Stage		1 No
5	SILO – VI Stage		1 No
6	Intermediate SILO		1 No
7	Sedimentation tank		1 No
8	Spare		2 Nos
		Total	9 Nos

iv) **At KTPS-VII stage**

Sl.No	Camera Placing Location	Camera Type	Qty
1	SILO area	PTZ Cameras	1 No
2	Coal Plant		1 No
3	Stack/Chimney		1 No
4	ETP		1 No
5	Main drain		1 No
6	Spare		1 No
		Total	6 Nos

13/6/24

Chief General Manager(IS&ERP)

(16/16)

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O

PO No: 4500033813

TELANGANA POWER GENERATION CORPORATION LIMITED

(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
TELANGANA
Phone :040-23840266/23722599 Fax:040-23849004
E Mail:cgmerp@tggenco.com
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)

To :
M/s SUNSHINE TECHNOLOGIES
#404, KALANJALI CLASSICSCIENTIST COLONY,
HABSIGUDA
SECUNDERABAD 500007, Telangana
Phone No:040-64440004

Vendor Code : 112556
GSTIN : 36ACKFS4315E1Z7

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

AMENDMENT No (1)

Sir / Madam

Sub : TGGENCO - IS & ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Amendment No.(1) - Issued.

Ref :
1 PO.No:4500033813/CGM(IS&ERP)/GM(ERP)/DE/P/N02/2024-25, Dt:13.06.2024.
2. M/s Sunshine Technologies, Hyderabad, letter ref:SST/TGGENCO/ 2028, Dt:17.06.2024.
3. M/s Prama Hikvision India Pvt. Ltd., Hyderabad, letter dt:17.06.2024.
4. Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ Cameras/D.No.310/24, Dt.02.07.2024.
5. M/s Sunshine Technologies, Hyderabad letter Dt.04.07.2024.
6. Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ Cameras/D.No.331/24, Dt.09.07.2024.
7. M/s Sunshine Technologies, Hyderabad mail Dt.11.07.2024.

With reference to the correspondence cited at ref(2) to (7), Ammendment-1 to the Purchase Order at ref(1) cited is issued as follows:

i. The item(11) in Annexure-1 of Purchase Order is deleted.

ii. The Material Description, Quantity, Unit Price and Amount of item(2) in Annexure-1 of the Purchase Prder is to be read as follows:
16 CH NETWORK VIDEO RECORDER(HIKVISION DS-7716NXI-K4) -04 Nos., - Rs.20,938.75 per unit - Amount Rs.83,755.00

iii. The Material Description of item(2), (8), (14) & (20) in Annexure-2 of the Purchase Order is to be read as follows:
16 CH NETWORK VIDEO RECORDER (HIKVISION DS-7716NXI-K4)

iv. The Technical Specifications at Annexure-3 of Purchase Order is revised and to be read as enclosed.

All other Clauses and Terms & Conditions of the Purchase Order remains unaltered.

Yours faithfully

Chief General Manager (IS&ERP)

The Chief Engineer(Construction)/BTPS(4x270MW)/TGGENCO/Manuguru.
The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The Chief Engineer/KTPS-VII stage/TGGENCO/Palvancha /Bhadradri Kothagudem District - 507115.
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad.
The Dy.CCA/BTPS/TGGENCO/Manuguru.
The DYCCA/KTPP/TSGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)
The Senior Accounts Officer/KTPS-VII Stage/TGGENCO/palvancha/Bhadradri Kothagudem District-507115.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad.
The Pay officer/TGGENCO/Vidyut Soudha/Hyderabad
The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/Manuguru.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/ Ghanpur(M)/Jayashankar Bhupalpally(D).
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ Palvancha/Bhadradri Kothagudem(D).
The Assistant Divisional Engineer/Stores/KTPS-VII stage/ Palvancha/Bhadradri Kothagudem Dist.
The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.
The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.
The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.
The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

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Annexure - 1

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

S.No.	Material Code (HSN) Description	Qty	UOM	Unit Price	Per	Total Value
1	**200026016** (85258020) 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	34	NO	42000.00 INR	1	1428000.00
2	**100183020** (85219090) 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	4	NO	20938.75 INR	1	83755.00
3	**200026015** (84717020) SURVEILLANCE HARDDISK 10TB, SEAGATE	12	NO	13035.00 INR	1	156420.00
4	**200026387** (8525) 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	27	NO	3450.00 INR	1	93150.00
5	**200031573** (85235220) 256 GB SD Card, SANDISK	21	NO	1430.00 INR	1	30030.00
6	**200006683** (854449) Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1000	M	60.00 INR	1	60000.00
7	**200028810** (854470) Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10	NO	3457.00 INR	1	34570.00
8	**100123872** (39259090) Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16	NO	3950.00 INR	1	63200.00
9	**200025946** (85176290) SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	32	NO	3155.00 INR	1	100960.00
10	**100178302** (853610) Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10	NO	300.00 INR	1	3000.00
11	**200026026** (8525) 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1	NO	5431.00 INR	1	5431.00

S.No.	Service Code (SAC) Description	Qty	UOM	Unit Price	Per	Total Value
1	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	54,278.00	1	705,614.00
2	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	3.000	EA	54,278.00	1	162,834.00
3	(998714) 1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages.	7.000	EA	54,278.00	1	379,946.00

	(Detailed Scope of work as per Annexure-3)					
4	(998714)					
1		5.000	EA	54,278.00	1	271,390.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)					
				Total Amount		**:Rs. 3,578,300.00**

Total Amount in Words : RUPEES THIRTYFIVE LAKH SEVENTYEIGHT THOUSAND THREE HUNDRED ONLY

Chief General Manager (IS&ERP)

Annexure - 2

Delivery Schedule

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1				KTPS (O&M)
1		5.000	EA	
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)			
2	200031573 256 GB SD Card, SANDISK	6.000	NO	KTPS (O&M)
3	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	3.000	NO	KTPS (O&M)
4	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS (O&M)
5	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS (O&M)
6	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	6.000	NO	KTPS (O&M)
7				KTPS-V & VI
1		7.000	EA	
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)			
8	200031573 256 GB SD Card, SANDISK	9.000	NO	KTPS-V & VI
9	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	8.000	NO	KTPS-V & VI
10	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS-V & VI
11	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS-V & VI
12	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	9.000	NO	KTPS-V & VI
13	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	KTPP(O&M)

S No.	Mat. Code//Description	Qty	UOM	Station Name
14	200026026 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1.000	NO	KTPP(O&M)
15	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	1.000	NO	KTPP(O&M)
16	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	3.000	NO	KTPP(O&M)
17 1	 TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	3.000	EA	KTPP(O&M)
18	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPP(O&M)
19	100178302 Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10.000	NO	BTPS (O&M)
20	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	BTPS (O&M)
21	100123872 Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16.000	NO	BTPS (O&M)
22	200028810 Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10.000	NO	BTPS (O&M)
23	200006683 Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1,000.000	M	BTPS (O&M)
24	200031573 256 GB SD Card, SANDISK	6.000	NO	BTPS (O&M)
25	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	16.000	NO	BTPS (O&M)
26	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	3.000	NO	BTPS (O&M)
27 1	 TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	BTPS (O&M)

S No.	Mat. Code//Description	Qty	UOM	Station Name
28	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	BTPS (O&M)
29	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	16.000	NO	BTPS (O&M)

Chief General Manager (IS&ERP)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tggenco.com

From :
Superintending Engineer/O&M-II
KTPS-VII Stage (1X800MW)
Paloncha-507 115
Bhadradri Kothagudem (Dt)
Telangana

To :
M/s K. PRASAD CONTRACTOR
H.NO.20-2-261
INDIRA COLONY
PALONCHA 507115, Telangana
Phone No:9010069129

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

Vendor Code : 200973
GSTIN : 36BPWPK6497M1ZM
PAN No.: BPWPK6497M

PO No: 4900042368 E / SE/O&M-II / KTPS-VII STG(1X800MW / K34 / 2024 - 25 / / DT. 28.09.2024

Sub: KTPS-VII Stage-CHP-MM -Painting of the BC 1A/B, 3A/B, 4A/B & 14 underground Conveyor Technological structures in Coal Handling Plant-Service P.O Issued-Reg.

Ref : 1.Memo.No.CE/O&M/SE/CHP/KTPS VII/1600002060/D.No.731/23-24 ,Dt:30.01.2024
2.EPT.No.09/24-25 of CE/SE/CHP/KTPS VII Stage
3.Price Bid Opening Dt:04.06.2024
4.Lr.No.SE/O&M-II/CHP/KTPS VII Stage/F.No.ASD/D.No.74/ 2024;Dt:04.06.2024
5.Memo.No.CE/O&M/KTPS/VII STAGE/T3/F-RA/D.No.424/24-25 ,Dt:27.06.2024
6.Lr.No.SE/O&M-II/CHP/KTPS VII Stage/F.No.dkt/D.No.61/2024; Dt:03.07.2024
7.Firm Letter Dt:06.07.2024

1 **ACCEPTANCE :**
In continuation to the PLOI cited at ref(6),I acting for and on behalf of TSGENCO,accept the rate of Rs.3,59,000.00 (Rupees Three Lakhs Fifty Nine Thousand Only)[excl. statutory obligations]for the above work as per the detailed schedule of work enclosed herewith.The prices are firm till satisfactory completion of the scheduled work in all respects.

2 **SCHEDULE OF WORK & PRICES :**
As per the separate sheet(s) enclosed.

3 **PRICE BASIS :**
The rates mentioned in the schedule of work are firm through out the period of contract and in the event of hike in any costs of spares,tyres,lubricants,labor charges etc,the TGGENCO will not accept/compensate the same except GST.

4 **VARIATION IN TAXES & DUTIES :**
Cost of Living Allowance shall be paid as per the CLA points applicable and Goods & services tax shall be paid extra as applicable on total work charges:the present rate of GST is 18%

5 **GST/SERVICE TAX AND CESS ON ST :**
GST shall be admitted extra as applicable as per the prevailing norms from time to time (within the contractual period of work),on production of proof of GSTIN registration Number subject to /limited to the provision available towards this work. However, any other relevant documents deem to be customary from time to time shall be produced whenever demanded for necessary verification.For this work the applicable GST is @18%.

6 **DELIVERY PERIOD :**
The contract shall be valid upto 31.03.2025(or) till the exhaustion of quantities without causing any inconvenience to TGGENCO. However, the contract can be terminated earlier by giving 7 days notice by TSGENCO according to the requirement or if the performance of the contractor is not satisfactory.

7 **GUARANTEE PERIOD :**

The work done shall be guaranteed by the contractor for satisfactory service for a period of Six months from the date of completion of work.

8 TERMS OF PAYMENT :

a)Payment of due price will be paid with in 90 days time after satisfactory completion of work.
b)Payment of work done will be made by cheque on the State Bank of India, Paloncha branch
c)Exchange admission for issue of bank draft will be to the account of the contractor.
d)Bank commission charges shall be to the contractor account.

9 SECURITY DEPOSIT :

The firm has paid an amount of Rs.41,783.00 vidE DD.No: 603144,Dt:21.06.2024 towards the payment of Additional Security Deposit which is 5% of estimate contract value.Further, Security Deposit is the 5% of the value of work and the Contractor should deposit for the proper fulfillment of the contract , which is Rs.23,981.00 (Rupees Twenty Three Thousand Nine Hundred and Eighty One Only)and the same will be recovered from first and part bill as per the firm request vide reference (7) cited above.

10 COMPLETENESS OF CONTRACT/PO :

(a)The work shall be carried out to the utmost satisfaction of the concerned TGGENCO Engineer(s), without causing any inconvenience to TGGENCO duly following all the terms & conditions specified herein.
(b)TGGENCO reserves the right to cancel this order in part or in full without assigning any reason what so ever by giving 7 days notice there by; in such case, no correspondence will be entertained under any circumstances. The orders of SE/CHP/KTPS-VII stage, are the final and binding on the contractor.
(c)The retention amount, if any recovered from the part bills shall be released along with the final bill.

11 INVOICING INSTRUCTIONS :

You have to furnish the Invoice,Along with GST Registration No,SAC NO & PAN No after completion of work.

12 INSURANCE & LABOUR LICENSE :

Contractor is responsible for all the accidents and the consequences due to any accidents that take place inside or outside the premises to their workers. The TGGENCO Ltd will pay no compensation if any, accidents occur to his workers while carrying out the work.Insurance against all types of risk for the contractor#s workers during the period of execution of the work will have to be arranged by the contractor at his own cost before commencement of work.

13 LIQUIDATED DAMAGES :

In the event of any delay in execution of this order beyond the stipulated period / Schedule TGGENCO reserves the right to recover from your bills, a sum equivalent to 0.5% of the total value of the work for each week of delay and part there of subject to maximum of 5% of the total value of the order.

14 LOSS OR DAMAGE :

If there is any loss or damage on the Corporation property due to negligence of workers of you, the same shall be made good by you as assessed by concerned DE and Corporation is not responsible for any accident to the labor employed by you.

15 GENERAL TERMS :

1.All the labor and transportation charges should be borne by the contractor.
2.The contractor should follow the labour laws in vogue.All the Labour engaged on work shall be covered under G.I at the rate 6.08% and evidence shall be submitted before commencement of work.
3.The estimated quantities are anticipated & tentative;Billing will be done as per the actual quantity of work done.
4.The work should be carried out as and when required in spells /at a time during this financial year as per the instructions of the section officer.
5.The working area should be cleaned after completion of work.
6.The contractor should follow the instructions of the TGGENCO Engineers from time to time.
7.The work should be completed before**(31-03-2025)** days after handing over of equipment/site to the contractor for carrying the work.
8.Any damage done to the TGGENCO equipment during the execution of work is the responsibility of the contractor and he has to bear the cost of damages.
9.Payment for 100% of work executed duly deducting statutory Income-tax as per rules will be arranged within (90) days after completion of work on production of invoice to **DE/MM/CHP**, sales tax also will be deducted at source @4% on material cost borne by the contractor.
10.Penalty will be levied for any poor progress in the execution of work in case of delay in completion of work, whatever be the reason, TGGENCO may at its option demand recover from the contractor an amount equivalent to ½% of the value of works remaining unexecuted as on due date of completion per week delay or part there of subject to a maximum of 5% of the total contract value.
11.The contractor should issue safety appliances to his contract workers i.e. Safety shoe, safety helmet, nose filters and ear plugs etc. The safety belts should be issued to his Worker if the worker is working at height exceeding 2 meters.
12.The contractor should provide a supervisor for the entire period of as mentioned below.

1. From Rs. 50,000 to 1, 00,000 1 No. ITI Candidate.
2. From Rs. 1, 00,001 to 5, 00,000 1 No. Diploma Holder.

In case of failure of the contractor to employee Technical staff as above the Recovery will be made as shown below.

1. From Rs.50,000 to 1,00,000 Rs. 500/per Month
2. From Rs.1,00,001 to 5,00,000 Rs. 1000/per Month

13.Before starting the work the supervisor should confirm whether LC is issued.
14.The contractor should assist the factory manager or safety officer, O&M, KTPS in giving all types of information if any accident occurred during execution of work.
15.If any of the work done not to the satisfaction of the field Engineers, the work has to be redone by the contractor at free of cost.
16.The safety of the labor engaged by the Contractor is the responsibility of the Contractor only.
17.The Income tax and other statutory taxes if any as per rates applicable will be deducted.
18.The work procedures that are to be used during the execution of work shall be those, which minimize fire hazards to the extent practicable.Combustible material, combustible waste and rubbish shall be collected and removed from the site at least once in a day.
19.The contractor should pay minimum wages to the Labour engaged.
20.The retention amount which is recovered in part bills will be released along with the final bill.
21.In Case of failure of any contractor to comply above mentioned payments to the CL's engaged by him at the time of execution of work awarded, the amount so arrived will be recovered from the amounts payable to him or from the bills raised in any other work either in the same plant or in any other power generating station.
22.Before engaging the contract labour, the contractor should ascertain that the labour does not involve in any criminal and theft case. After engaging if the contract labour involved in any theft case the gate pass of the concern will be seased with immediate effect.
23.The Chief Engineer/O&M/KTPS VII Stage reserve the right to cancel/alter the agreement partly or fully with out assigning any reason what's ever.

16 ACKNOWLEDGEMENT :

Please acknowledge the receipt of this order by attending at the O/o SE/CHP/KTPS-VII Stage., during the working hours/days along with the non-judicial stamp paper of worth Rs.100.00 and relevant documents, in order to enter /conclude the agreement. Please note that, the agreement shall be concluded within 30 working days from the date of issue of this order, failing which this order is liable for cancellation at your own risk & cost; and suitable action will be initiated against your firm as per the norms of TGGENCO.

17 CORRESPONDENCE :

All the correspondence related to this order shall be addressed to the SE/CHP/KTPS#VII Stage;Paloncha-507115; Phone:08744# 259900/258800,E-mail:ktps7.seo&m2@tggenco.com.

For & On behalf of TGGENCO

Superintending Engineer/O&M-II

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:
Copy to the Divisional Engineer/MM/CHP/KTPS VII Stage.
Copy to the DyCCA/O&M/KTPS VII Stage.

Annexure - 1

PO No: 4900042368 E / SE/O&M-II / KTPS-VII STG(1X800MW / K34 / 2024 - 25 / / DT.28.09.2024

Sub: KTPS-VII Stage-CHP-MM -Painting of the BC 1A/B, 3A/B, 4A/B & 14 underground Conveyor Technological structures in Coal Handling Plant-Service P.O Issued-Reg.

S.No	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(995473)					
1		DAY	50.000	1,500.00	1	75,000.00
	Labour charges for cleaning the technological structures like beams, channels , angles etc for painting.					
2		M2	3,000.000	88.00	1	264,000.00
	Labour charges for spray/brush painting of the BC 1A/B, 3A/B, 4A/B and 14 underground conveyor technological structures & WTs etc with one coat red oxide and 2 coats of anti corrosive paint.					
3		LS	1.000	20,000.00	1	20,000.00
	Supply of Various consumables like wire brushes, cleaning agents etc.					
2	(995473)					
1	CLA=((BL*0.1176%)* 921(for Sl.No1)	LS	1.000	73,847.45	1	73,847.45
2	EPF((BL+CLA)*13.00 %	LS	1.000	52,783.81	1	52,783.81
3	GI((BL+CLA)*3.65%)	LS	1.000	14,820.07	1	14,820.07
				Total Amount :		**Rs. 500,451.33**

Total Amount in Words : RUPEES FIVE LAKH FOUR HUNDRED FIFTYONE AND PAISE THIRTYTHREE ONLY

Superintending Engineer/O&M-II

-179-

By Regd. Post With Ack | In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tggenco.com

From :
Superintending Engineer/Civil
KTPS-VII Stage (1X800MW)
Paloncha-507 115
Bhadradri Kothagudem (Dt)
Telangana

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s VINAYAK ENTERPRISES
H.NO:20-5-37,CONTRACTORS COLONY

PALONCHA 507115, Telangana
Phone No:08744-252102
Mobile No:9493334496

Vendor Code : 105203
GSTIN : 36AHSPG9696H2ZF
PAN No.: AHSPG9696H

PO No: 4900043114 / SE/O&M/CIVIL / KTPS VII / K36 / 2024 - 25 / / DT. 12.11.2024

Sub: KTPS-VII Stage (1x800MW) - Construction of shed for storage of various spares/cables/ consumables etc., of EM and C&I Division at back side of MCC-I in Coal Handling plant area of KTPS Stage-VII, Paloncha, Bhadradri-Kothagudem Dist. - Lowest tender accepted # Service Purchase Order # Issued.

Ref : 1. Enquiry/IFB/T.N.No. EPT-e-09/2023-24/CE/O&M/SE/Civil/Stage-VII/ KTPS/ Paloncha.
2. Your price bid opened on 14.09.2023.
3. Lr.No.SE/Civil/Stage-VII/KTPS/F.dkt/D.No. 1299/2023-24, Dt: 20.09.2023.
4. PLOI. Lr.No.SE/Civil/Stage-VII/KTPS/F.dkt/D.No. 1300/2023-24, Dt: 20.09.2023.
5. LOI. Lr.No.SE/Civil/Stage-VII/KTPS/F.dkt/D.No. 2702/2023-24, Dt: 07.03.2024.
6. Your Lr.No. Nil, Dated: 14.10.2024, received on: 18.10.2024

1 ACCEPTANCE :
I acting for and on behalf of TGGENCO, accept your negotiated rates for a total amount of Rs. 8,03,422.92 (Rupees Eight Lakh Three Thousand Four Hundred Twenty Two and Paise Ninety Two Only), for the above work as per the detailed schedule of work enclosed herewith. The prices are firm till satisfactory completion of the scheduled work in all the respects.

2 SCOPE OF CONTRACT/ORDER :
Construction of shed for storage of various spares/ cables/ consumables etc., of EM and C&I Division at back side of MCC-I in Coal Handling plant area of KTPS Stage-VII, Paloncha, Bhadradri-Kothagudem Dist.

3 SCHEDULE OF MATERIALS & PRICES :
As per Annexure-I enclosed.
PO Amount : Rs. 922,818.48
In words : RUPEES NINE LAKH TWENTYTWO THOUSAND EIGHT HUNDRED EIGHTEEN AND PAISE FORTYEIGHT ONLY

4 WORKS CONTRACT TAX :
GST as applicable shall be paid extra at time of billing. GST as applicable as on date shall be indicated separately in each invoice and remit the same to the concerned department.

5 DELIVERY PERIOD :
The work shall be completed within 03 (Three) months from the date of handing over of site. Penalty will be levied as per clause No#s 60 &61 of P.S. to APSS if you fail to complete the work within 03 (Three) months.

6 GUARANTEE PERIOD :
The Security deposit will be refunded to the contractor after satisfactory completion of 12 months performance guarantee period as all defects shall have been made good according to the true intent and meaning thereof. These amounts will not bear any interest.

7 TERMS OF PAYMENT :

100% payment for the work executed will be arranged within 30 days after satisfactory completion of work in addition to the receovery of 5% retention amount subject to production of GST invoice and other required documents to the concerned TGGENCO Officials. Please note that the income tax and any other statutory levy etc., will be deducted from the bills as per applicable norms. The retention amount will be released only after satisfactory completion of the work/ after completion of the performance Guarantee period, if applicable.

Further, the RTGS Details of the Vendor:
Name of the A/c Holder: VINAYAK E/P, PROP: G KRISHNA
A/c. No. 52108388574
Name of the Bank: STATE BANK OF INDIA
Name of the Branch: PALONCHA BRANCH
IFSC Code: SBIN0020165

8 SECURITY DEPOSIT :
The Security Deposit of Rs. 40,500.00 (Rupees Forty Thousand Five Hundred Only) paid against Rs. 40,200.00 (Rupees Forty Thousand Two Hundred Only) vide DD. No. 604768, Dt: 18.10.2024 drawn at State Bank of India, Paloncha Branch, Paloncha under reference your letter 6th cited is accepted.

9 PAYING OFFICER : :
Senior Accounts Officer/ Stage-VII/ KTPS /Paloncha.

10 CONSIGNEE : :
Executive Engineer/Civil/O&M-I/Stage-VII/KTPS/Paloncha.

11 INVOICING INSTRUCTIONS :
Please furnish Invoice along with the details of GST No., SAC No. & PAN No. after completion of work.

12 SPECIAL INSTRUCTIONS :
Penalty will be levied as per clause No; 60 & 61 of PS to A.P.S.S; if you fail to complete the work within the stipulated period.

13 LOSS OR DAMAGE :
Any loss or damage caused to the properties of TGGENCO during the course of execution of subject work by you, the same shall be made good to the satisfaction of TGGENCO at your cost, failing so necessary recovery will be effected in your bills.

14 ACKNOWLEDGEMENT :
Please acknowledge the receipt of this order by attending at the O/o SE/Civil/KTPS-VII Stage, during the working hours/days along with the non-judicial stamp paper of worth Rs.100.00 and relevant documents, in order to enter /conclude the agreement. Please note that, the agreement shall be concluded within 30 working days from the date of issue of this order, failing which this order is liable for cancellation at your own risk & cost; and suitable action will be initiated against your firm as per the norms of TGGENCO.

For & On behalf of TGGENCO

Superintending Engineer/Civil/KTPS-VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:
Copy submitted to the Chief Engineer/O&M/Stage-VII/KTPS for favour of information.
Copy transmitted to the Dy. Chief Controller of Accounts/ Stage-VII/KTPS for information and necessary action.
Copy to the Executive Engineer/Civil/O&M-I/Stage-VII/KTPS. It is directed to ensure the payment towards EPF contribution and ESI/GIS to the concern departments.
Copy to the Senior Accounts Officer/O&M/Stage-VII/KTPS for information.
Copy to the Assistant Executive Engineer/Civil/SD-II/O&M-I/Stage-VII/KTPS for necessary action.

Annexure - 1

PO No: 4900043114 / SE/O&M/CIVIL / KTPS VII / K36 / 2024 - 25 / / DT.12.11.2024

Sub: KTPS-VII Stage (1x800MW) - Construction of shed for storage of various spares/cables/ consumables etc., of EM and C&I Division at back side of MCC-I in Coal Handling plant area of KTPS Stage-VII, Paloncha, Bhadradri-Kothagudem Dist. - Lowest tender accepted # Service Purchase Order # Issued.

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(995419)					
1		M3	47.000	83.36	1	3,917.97
	Earth work excavation by mechanical means for foundations upto a depth of 3m and depositing on bank for all lifts and with an initial lead of 10M including all operational, incidental, labour charges etc. Complete for finished item of work as directed by Engineer in charge.					
2		M3	116.000	126.92	1	14,722.60
	Filling with useful available excavated earth (excluding rock) in trenches and basement with initial lead in layers not exceeding 15cm thick, consolidating each deposited layer by watering and ramming including all operational, incidental, labour charges, hire charges of T&P etc. Complete for finished item of work as directed by the Engineer-in-charge.					
3		M3	16.000	2,333.36	1	37,333.71
	Laying PCC(1:4:8) by manual means using 20 mm size HBG metal for leveling course with concrete mixture including cost and conveyance of all materials, placing, compacting, curing, all leads and lifts etc., (but excluding cost of cement & seigniorahge charges). Complete for finished item of work as directed by the Engineer in charge. (Necessary cement will be issued by the deparment at free of cost at departmental stores).					
4		MT	2.450	11,388.91	1	27,902.84
	Cutting, bending, placing in position and tying of reinforcement steel of all sizes for all RCC works in all heights including cost of binding wire and conveyance of reinforcement steel from department stores to site, labour charges etc. Complete for finished item of work as directed by the Engineer-in-charge. (Reinforcement steel will be issued by the Department at free of cost.)					
5		M3	4.500	4,665.96	1	20,996.83
	Laying RCC M-20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 10mm to 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials to site, all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., (but excluding cost of cement and Seigniorage charges). Complete for finished item of work. (Cement will be issued by department at free of cost at department stores). (A) Footings					
6		M3	5.000	6,564.49	1	32,822.45
	Laying RCC M-20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 10mm to 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials to site, all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., (but excluding cost of cement and Seigniorage charges). Complete for finished item of work. (Cement will be issued by department at free of cost at department stores). (B) Plinth Beams					
7		M3	4.100	6,499.15	1	26,646.53
	Laying RCC M-20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 10mm to 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials to site, all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., (but excluding cost of cement and Seigniorage charges). Complete for finished item of work. (Cement will be issued by department at free of cost at department stores). (C) Columns					
8		M3	0.500	6,488.64	1	3,244.32
	Laying RCC M-20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 10mm to 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials to site, all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., (but excluding cost of cement and Seigniorage charges). Complete for finished item of work. (Cement will be issued by department at free of cost at department stores). (D) Lintel Beam					
9		M3	1.200	8,406.69	1	10,088.03
	Laying RCC M-20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 10mm to 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including					

	cost and conveyance of all materials to site, all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., (but excluding cost of cement and Seigniorage charges). Complete for finished item of work. (Cement will be issued by department at free of cost at department stores). (E) Sunshades & Chajjas					
10		M3	16.000	4,144.02	1	66,304.29
	Laying RCC M-20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 10mm to 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials to site, all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., (but excluding cost of cement and Seigniorage charges). Complete for finished item of work. (Cement will be issued by department at free of cost at department stores). (F) Grade Slab					
11		M3	65.000	3,496.66	1	227,282.64
	Brick Masonry in CM(1:6) using cured FLY ASH BRICKS of size 230 mmx 110 mm x70 mm and 75 kg/cm2 compressive strength including cost and conveyance of all materials, labour charges, curing, scaffolding charges and all leads & lifts etc., (but excluding cost of cement & Seigniorage charges). Complete for finished item of work as directed by the Engineer-in-Charge at site. (Necessary cement will be issued by the department at free of cost at department stores).					
12		M2	280.000	92.37	1	25,864.44
	Plastering in CM (1:4), 12 mm thick for even surfaces of inner brick walls and ceiling including cost and conveyance of all materials , scaffolding, mixing, curing, all labour charges with all leads and lifts and incidental charges etc., (but excluding cost of cement & Seigniorage charges). Complete for finished item of work and as directed by the Engineer in charge. (Cement will be issued by department at department stores).					
13		M2	205.000	144.19	1	29,559.36
	Plastering with CM (1:4) in 20mm thick for external wall plastering including cost and conveyance of all materials and labour charges, cost of curing etc., (but excluding cost of cement & Seigniorage charges). Complete for finished item of work as directed by the Engineer-in-charge. (Cement will be issued by the department at free of cost at Dept Stores).					
14		MT	1.000	19,037.85	1	19,037.85
	Fabrication and erection of structural steel including painting with Synthetic enamel paint over red oxide, cost and conveyance of all materials, fabrication charges, cost of all consumables like gas, electrodes, hire charges of all equipment and T&P required for the work and all other incidental charges, all labour charges for working at all heights, all leads and lifts etc. (excluding cost of Structural Steel). Complete for finished item of work as directed by the Engineer-in charge at site. (Necessary Structural steel will be supplied by the department at free of cost at department stores).					
15		M2	14.400	5,232.97	1	75,354.74
	Providing and fixing of Casement/ Openable Windows made of pre-painted steel as per IS513 of 0.58 mm thick galvanized as per IS 277, finish painted with a polyester paint and section for outer frame of 48 x 50 mm, centre mullion of 48x 50 mm, section for shutter of 48 x 25 mm and the fixed glass beading section should be 12 x 12mm and the outer frame and mullions to have rebate for glazed shutter with a 20 mm provision for guard bars/ grills, handle, stay, 2 nos. of stainless steel heavy duty pivot hinges provided per shutter and windows fitted with 5 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/ masonry wall by means of self expanding screws, including 10mm Square guard bars with 6# (152.4mm) pitch etc. Complete Double shutter Window with vertical mullion for sizes 3#0# x 4#0# (914.4mm x 1219.2mm) and 4#0# x 4#0# (1219.2mmx1219.2mm) for finished item of work as directed by Engineer in Charge at site.					
16		M2	125.000	545.98	1	68,247.12
	Supplying and laying of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top):18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours for roofing at all heights by taking all precautionary measures including cost of self drilling screws, rubber washers, bolts and nuts , all leads and lifts etc., & cost of conveyance of all materials, all labour charges, T&P. Complete for finished item of work as directed by Engineer-in charge.					
17		RMT	20.000	283.88	1	5,677.56
	Supply and fixing of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.50 mm thick, Width: 0.585, Length: Maximum 2½ Meters including labour charges for fixing, cost of riges, conveyance charges, T&P etc. Complete for finished item of work and as directed by the Engineer in charge.					
18		M2	82.000	451.35	1	37,010.78
	Providing and fixing Thermocol False ceiling in true horizontal level 600 mm x 600 mm using 19 mm thick Thermocole sheet anodised Aluminium Tee sections of size 24.50 mm x 24.0 mm x 2.4 mm in grid with cross tee of size 24 x 24.5 mm at every 600 mm c/c and anodised aluminium wall angle of size 24 x 24 mm fixed to periphery of the wall and the above grid is suspended at every 1200 mm c/c in both directions using 2.0 mm thick GI Wire for finished of size 600 x					

	600 mm including Cost & conveyance of all materials and labour charges such as cutting, fixing of standing of frame work exposing roof making. Complete for finished item of work. and complete for finished item of work as directed by the Engineer-in charge at site.						
19			M2	280.000	126.92	1	35,537.32
	PPainting to the walls with 2 coats of acrylic emulsion paint interior grade of approved brand and shade over a base coat of approved cement primer grade I making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. Complete for finished item of work as per standard specifications and as directed by the Engineer in charge						
20			M2	205.000	174.98	1	35,871.51
	Painting to new walls with 2 coats of Exterior (Asian Apex make) Emulsion Paint of approved colour and shade over a base coat of exterior emulsion primer (Asian make), making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. Complete for finished item of work for external walls at all heights in all floors as directed by the Engineer-in-charge at site.						
2	(995419)						
1	Provision towards EPF @ 13.00%		LS	58,765.000	1.00	1	58,765.00
2	Provision towards ESI @ 3.25%		LS	14,692.000	1.00	1	14,692.00
3	Towards (Labour cess) BOCWW Cess @ 1%		LS	8,035.000	1.00	1	8,035.00
4	Provision towards Seigniorage		LS	9,433.000	1.00	1	9,433.00
5	Provision towards SMET		LS	189.000	1.00	1	189.00
3	(99)						
1	Provision towards NAC @ 0.1%		LS	804.000	1.00	1	804.00
4	(995419)						
1	Brick Masonry in CM(1:6)		M3	2.610	3,496.66	1	9,126.28
2	Fabrication and Erection		MT	0.540	19,037.85	1	10,280.44
3	Painting to the walls with 2 coats		M2	63.590	126.92	1	8,070.84
					Total Amount :		**Rs. 922,818.48**

Total Amount in Words : RUPEES NINE LAKH TWENTYTWO THOUSAND EIGHT HUNDRED EIGHTEEN AND PAISE FORTYEIGHT ONLY

Superintending Engineer/Civil/KTPS-VII Stg

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tggenco.com

From :
Superintending Engineer/Civil
KTPS-VII Stage (1X800MW)
Paloncha-507 115
Bhadradri Kothagudem (Dt)
Telangana

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
Mr. K. SURESH BABU
H.NO: 9-1-9
ODDUGUDEM
PALONCHA 507115, Telangana
Phone No:9959585606

Vendor Code : 200979
GSTIN : 36BKBPS0224A1ZT
PAN No.: BKBPS0224A

PO No: 4900043821 / SE/O&M/CIVIL / KTPS VII / K36 / 2024 - 25 / / DT. 04.03.2025

Sub: KTPS-VII Stage (1x800MW)-Balance works of -Removing of temporary lines and Realignment of line Nos.5, 6 & 7 including points & crossings in Marshalling yard of KTPS VII Stage, Paloncha, Bhadradri-Kothagudem. Dist.Lowest tender accepted-Service Purchase Order/ Letter of Intent # Issued.

Ref : 1) Enquiry/IFB/T.N.No.EPT-28/2024-25 of CE/O&M/SE/Civil/Stage-VII/KTPS/Paloncha.
2) Tender Opened on 17.02.2025.
3) Lr.No.SE/Civil/Stage-VII/KTPS/F.Dkt/D.No.2549/2024-25,Dt:19.02.2025.
4) Your Lr.No.Nil, Dated:19.02.2025, Received on:19.02.2025.
5) Lr.No.SE/Civil/Stage-VII/KTPS/F.Dkt/D.No.2561/2024-25,Dated:21.02.2025.
6)Your Lr.No.Nil, Dated:21.02.2025, Received on:21.02.2025.
7)PLOI Lr.No.SE/Civil/Stage-VII/KTPSF.Dkt/D.No.2566/2024-25,Dated:21.02.2025.

1 **ACCEPTANCE :**
I acting for and on behalf of TGGENCO, accept your negotiated rates for a total amount of Rs.5,58,019.28(Rupees Five Lakh Fifty Eight Thousand Nineteen and Paise Twenty Eight Only), for the above work as per the detailed schedule of work enclosed herewith. The prices are firm till satisfactory completion of the scheduled work in all the respects.

2 **SCOPE OF CONTRACT/ORDER :**
Removing of temporary lines and Realignment of line Nos.5, 6 & 7 including points & crossings in Marshalling yard of KTPS VII Stage, Paloncha, Bhadradri-Kothagudem Dist.

3 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure-I enclosed
PO Amount : Rs. 618,749.64
In words : RUPEES SIX LAKH EIGHTEEN THOUSAND SEVEN HUNDRED FORTYNINE AND PAISE SIXTYFOUR ONLY

4 **WORKS CONTRACT TAX :**
GST as applicable shall be paid extra at time of billing. GST as applicable as on date shall be indicated separately in each invoice and remit the same to the concerned department.

5 **DELIVERY PERIOD :**
The work shall be completed within 01 (One) month from the date of handing over of site. Penalty will be levied as per clause No#s 60 &61 of P.S. to APSS if you fail to complete the work within 01 (One) month.

6 **GUARANTEE PERIOD :**
The Security deposit will be refunded to the contractor after satisfactory completion of 24(Twenty Four) months performance guarantee period as all defects shall have been made good according to the true intent and meaning thereof. These amounts will not bear any interest.

7 **TERMS OF PAYMENT :**
100% payment for the work executed will be arranged within 30 days after satisfactory completion of work in addition to the receovery of 5% retention amount subject to production of GST invoice and other required documents to the concerned TGGENCO Officials. Please note that the income tax and any other statutory levy etc., will be deducted from the bills as per applicable norms. The retention amount will be released only after satisfactory completion of the work/ after completion of the performance Guarantee period, if applicable.Further The RTGS Details of the Vendor:
Name of the A/c Holder:KADIYALA SURESH BABU
A/c. No.32425578277
Name of the Bank: STATE BANK OF INDIA
Name of the Branch: SASTRY ROAD, PALONCHA
IFSC Code:SBIN0020165.

8 **SECURITY DEPOSIT :**
The Security Deposit of Rs.27,950.000 (Rupees Twenty Seven Thousand Nine Hundred and Fifty Only) paid vide D.D. No. 330603, dated: 21.02.2025 drawn on State Bank of India, Sastry Road Branch, Paloncha under reference your letter 6th cited is accepted.

9 **PAYING OFFICER : :**
Senior Accounts Officer/O&M/Stage-VII/ KTPS /Paloncha.

10 **CONSIGNEE : :**
Executive Engineer/Civil/O&M-III/Stage-VII/KTPS/Paloncha.

11 **INVOICING INSTRUCTIONS :**
Please furnish Invoice along with the details of GST No., SAC No. & PAN No. after completion of work.

12 **SPECIAL INSTRUCTIONS :**
Penalty will be levied as per clause No; 60 & 61 of PS to A.P.S.S; if you fail to complete the work within the stipulated period.

13 **LOSS OR DAMAGE :**
Any loss or damage caused to the properties of TGGENCO during the course of execution of subject work by you, the same shall be made good to the satisfaction of TGGENCO at your cost, failing so necessary recovery will be effected in your bills.

14 **ACKNOWLEDGEMENT :**
Please acknowledge the receipt of this order by attending at the O/o SE/Civil/KTPS-VII Stage, during the working hours/days along with the non-judicial stamp paper of worth Rs.100.00 and relevant documents, in order to enter /conclude the agreement. Please note that, the agreement shall be concluded within 30 working days from the date of issue of this order, failing which this order is liable for cancellation at your own risk & cost; and suitable action will be initiated against your firm as per the norms of TGGENCO.

For & On behalf of TGGENCO

Superintending Engineer/Civil/KTPS-VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:
Copy submitted to the Chief Engineer/O&M/Stage-VII/KTPS for favour of information.
Copy transmitted to the Dy. Chief Controller of Accounts/Stage-VII/KTPS for information and necessary action.
Copy to the Executive Engineer/Civil/O&M-III/Stage-VII/KTPS.It is directed to ensure the payment towards EPF contribution and ESI/GIS to the concern departments.
Copy to the Senior Accounts Officer/O&M/Stage-VII/KTPS for information.
Copy to the Assistant Executive Engineer/Civil/Marshalling Yard/O&M-III/Stage-VII/KTPS for necessary action.

Annexure - 1

PO No: 4900043821 / SE/O&M/CIVIL / KTPS VII / K36 / 2024 - 25 / / DT.04.03.2025

Sub: KTPS-VII Stage (1x800MW)-Balance works of -Removing of temporary lines and Realignment of line Nos.5, 6 & 7 including points & crossings in Marshalling yard of KTPS VII Stage, Paloncha, Bhadradri-Kothagudem. Dist.Lowest tender accepted-Service Purchase Order/ Letter of Intent # Issued.

S.No.	Service Code (SAC) / Description	UOM	Qty	Unit Price	Per	Total Value
1	(996739)					
1		RMT	411.000	309.34	1	127,137.87
	Dismantling existing track laid with 60kg/52 Kg/90R rail including SEJ and Glued joints with all types of sleepers, having any sleeper density with fitting and fastenings including dismantling of rails, sleepers, fittings, cutting of bolts & nuts by gas cutter if necessary , classification of material to be released vy paint marks, making joint inventory with site engineer before dismantling, leading to the nearest station or manned level crossing or road loading point as directed by the engineer and stacking materials in different stacks as per classification. Cutting of rails, if required shall be done by abrasive disc cutter / rail cutting machine (gas cutting not allowed)					
2		SET	3.000	23,864.22	1	71,592.67
	Dismantling of existing BG turnouts and trap switches with all types of rails on other than PSC sleeper layout, removing fish plates & fastenings, leveling of ballast to correct profile & stacking all the released materials, sleepers, fastenings, rails, switches & crossing including segregating & stacking at specified locations in a neat & countable manner, as directed by Engineer in-charge: 1 in 8½ Turnout-Under Conditions not requiring Traffic Block-071037					
3		M3	235.000	148.22	1	34,832.87
	Spreading of ballast i.e Running out/Putting of railway's stone ballast from existing stacks available along alignment either on top of cutting or on formation or at toe of bank by head leads or by any other means up to avg lead of 150m and spreading to the required profile with contractor's labour, tools & plants as directed by Engineer-in-charge.{Payment shall be made based on ballast stack measurement} Ballast will be issued by the department at free of cost.					
4		NO	667.000	80.85	1	53,926.95
	Spreading of New / SH PSC sleepers along track on either side manually or mechanically including loading, unloading & transportation, if required with lead 500M and all lifts with contractor's labour, tools & plants, as directed by Engineer in-charge					
5		RMT	453.000	195.39	1	88,510.54
	Linking of BG track on prepared formation to correct gauge & alignment with Railway's track materials including spreading sleepers at specified spacing, squaring, pairing & fixing rails to sleepers with all types of rail fittings & fastenings including their lubrication as per IRPWM standards. Rate is inclusive of kutcha packing to make track fit for 20 kmph speed with contractor's labour, tools & plants, as directed by Engineer in-charge. : (NOTE: Rail cutting and Hole drilling shall be paid seperately)-For sleeper density of 1660 sleepers per km					
6		NO	14.000	324.36	1	4,541.07
	Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails upto 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2007) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2007)-Running Line-161015-60Kg-110UTS.					
7		NO	290.000	57.75	1	16,747.50
	Drilling holes of 16 mm to 32 mm dia. with Rail Drilling machine in all types of rail section with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Rail Drilling Machine will be as per RDSO Specification No. TM/SM/3, dated 24.04.1991 for - On Out Side Track					
8		MT	16.000	391.74	1	6,267.80
	Loading, unloading and hauling of 52Kg / 60Kg rail more than 13 metre length by contractors Rail Dolly / Dip Lorry to the nominated location under traffic upto 1KM and all lift upro 5meter, rate includes all labour charges,hire charges, T&P required complete for finished item of work as directed by Engineer-in -Charge					
9		M3	205.000	106.84	1	21,901.69
	Leading and loading Railway's Ballast collected at yard / depot / mid-section into Railway's covered wagon, using any approved method with all ascents, descents, taxes etc. with lead of 250m & all lifts complete, as per specifications and as directed by Engineer in-charge					

10		RMT	787.000	95.29	1	74,991.26
	First or Second Through Packing of track for all sleeper density including giving a general lift, as desired to eliminate sag after Deep Screening work, as described in Para-238 of Indian Railways Permanent Way Manual {Notes : (1) Rate is for track laid to 1540 sleepers/km density; (2) 10% extra to the rate shall be paid in case of 1660 sleepers/km density; (3) Only 80% of the rate shall be paid in case of 1340 sleepers/km density} - 4) General lift is normally 25 mm and isolated lift may be upto 50 mm					
11		RMT	787.000	73.15	1	57,569.05
	Third or subsequent Through Packing of track for all sleeper density including picking of slacks, as required after second through packing, subsequent to Deep Screening work, as described in Para-238 of Indian Railways Permanent Way Manual Notes : (1) Rate is for track laid to 1540 sleepers/km density; (2) 10% extra to the rate shall be paid in case of 1660 sleepers/km density; (3) Only 80% of the rate shall be paid in case of 1340 sleepers/km density} - 4) General lift is normally 25 mm and isolated lift may be upto 50 mm					
2	(996739)					
1	Towards EPF@13.00% on Labour	LS	43,482.000	1.00	1	43,482.00
2	Towards ESI @3.25%/GIS on Labour	LS	10,871.000	1.00	1	10,871.00
3	Towards Labour Cess @1% on ECV	LS	5,797.600	1.00	1	5,797.60
4	Towards Corpus Fund to NAC @0.1% on ECV	LS	579.760	1.00	1	579.76

Total Amount : Rs. 618,749.64

Total Amount in Words : RUPEES SIX LAKH EIGHTEEN THOUSAND SEVEN HUNDRED FORTYNINE AND PAISE SIXTYFOUR ONLY

Superintending Engineer/Civil/KTPS-VII Stg

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Thermal Projects Construction)
3rd floor, A- Block, TGGENCO, Vidyut Soudha
Hyderabad-500082
Telangana

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI
620014, Tamilnadu
Phone No:04312577547

GSTIN .:
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

Vendor Code : 107440
GSTIN : 33AAACB4146P2ZL

PO No: 5300000298 CE/TPC / SE/TPC I / EME I / D51 / 2015 - 16 / / DT. 21.07.2015

Kind Attn: Sri. Balakrishna S/ Senior Manager/Comml (FB)

Sir,

Sub: Kothagudem TPS- Stage-VII-Unit-12 (1x800 MW) - Unit-12- Revised Billing Break Up (Rev.06) for supply of Boiler components - Under the scope of M/s BHEL / Trichy - Reg

Ref: 1. Contract No 30000000003, Dt: 30.12.2014.
2. Contract No 30000000004, Dt: 30.12.2014
3. Lr NO:CE/TPC/SE/TPC1/EME1/F.Broad BBU/D.No.173/18, Dt.06.10.2018(Broad BBU Rev.14)
4. BHEL/Try letter SL:11496/U:005, dated 11.10.2018

As per the Broad Billing Break up Rev.14 approved vide reference 3rd cited, the revise supply Billing Break up Rev.06 pertaining to Trichy scope of supplies furnished vide ref.letter 4th cited has been reviewed and approved as per Annexure-I enclosed subject to the terms and conditions mentioned hereunder:

(i) The Taxes and duties shall be paid as per the Purchase Orders.
(ii) The detailed BBU is issued subject to the terms & conditions as mentioned in Annexure-VII of the Purchase Orders 1st & 2nd cited.
(iii) Delivery Note and Invoice submitted by M/s BHEL must contain Contract No.3000000003 for Supply and Contract No 3000000004 for Freight, Erection & Commissioning), Release P.O Number (BBU P.O), P.O Line Item Numbers, P.O Material Number as per Annexure-1 of Release P.O, for speedy processing of invoices and payments.
(iv) To arrange to submit the O&M Manuals of equipments in hard copies and in the form of CDs as per the distribution schedule at least (3) three months prior to commissioning of the unit.
(v) To arrange to dispatch the materials in sequential manner to suit the erection programme.

Encl: Annexure-1

Yours faithfully,

Chief Engineer/TPC

Copy to:
1. The Chief Engineer/O&M/KTPS/Paloncha/Bhadrari Kothagudem Dist.-507 115.
2. The FA & CCA(Res) & CFO/TSGENCO/Vidyut Soudha/Hyderabad-082
3. The FA & CCA(Accounts) /TSGENCO/Vidyut Soudha/Hyderabad-082
4. The Superintending Engineer/E&M-I/KTPS Stage-VII/Paloncha/ Bhadrari Kothagudem Dist.- 507 115.
5. The Superintending Engineer/E&M-II/KTPS Stage-VII/Paloncha/ Bhadrari Kothagudem Dist.- 507 115.

6. The Dy.CCA/KTPS (O&M)/Paloncha/Bhadrari Kothagudem Dist.- 507 115.
7. The Senior Accounts Officer-II/KTPS (O&M)/Paloncha/Bhadrari Kothagudem Dist.-507 115.
8. The Senior Accounts Officer/Pay & Accounts/TSGENCO/Vidyut Soudha/Hyderabad - 500 082
9. Sri S.C. Varma, Sr. DGM/ PS-Mktg-BHEL House, Sri Fort, New Delhi - 1100049

Annexure - 1

PO No: 5300000298 CE/TPC / SE/TPC I / EME I / D51 / 2015 - 16 / / DT.21.07.2015

Contract No: 3000000003 Item No: 20

S.No	Material Code (HSN Code) Description	Vendor Material BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
10	500009061	1	4214928.763	KG	296.53	1249852826.09
	Trichy Supplies (Excisable)					
20	500009062	2	9579572.09	KG	85.00	814263627.65
	Away Centre Fabrication (ACF) Supplies Excisable					
30	500009063	3	828779.745	KG	299.34	248086928.87
	DTS SUpplies(Direct to site/BOI Items) Non Excisable					
60	500009062	2	5610607.65	KG	65.00	364689497.25
	AwayCentreFabrication(ACF)supp Excisable					
70	500009061	1	8173903.243	KG	230.00	1879997745.89
	Trichy Supplies (Excisable)					
80	500009062	2	5158696.481	KG	55.00	283728306.46
	AwayCentreFabrication(ACF)supp .Excisable					
90	500009063	3	265704.363	KG	265.00	70411656.20
	DTS Supplies (Direct to site/BOI)					
100	500009061	1	344398.816	KG	915.23	315204128.37
	Trichy Supplies (Excisable)					
110	500009062	2	563598.982	KG	60.00	33815938.92
	AwayCentreFabrication(ACF)supp Excisable					
120	500009063	3	371447.905	KG	147.23	54688275.05
	DTS Supplies (Direct to site/BOI)					
130	500009061	1	154920.231	KG	915.23	141787643.02
	Trichy Supplies (Excisable)					
140	500009062	2	116028.366	KG	60.00	6961701.96
	AwayCentreFabrication(ACF)supp Excisable					
150	500009063	3	68460.678	KG	128.16	8773920.49
	DTS Supplies (Direct to site/BOI)					
160	500009063	3	20039	KG	129.20	2589038.80
	DTS Supplies (Direct to site/BOI)					
170	500009063	3	1651077.558	KG	131.28	216753461.81
	DTS Supplies (Direct to site/BOI)					
180	500009061	1	9772.772	KG	915.23	8944334.12
	Trichy Supplies (Excisable)					
Contract No: 3000000003 Item No: 20						

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
40	Taxes & Duties on ACF supplies					
40.1	ED @12.36% & CST @2% for ACF Supplies	2	177,066,316.640	AU	1.00	177,066,316.64

Contract No: 3000000004 Item No: 60

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
50	Freight					
50.1	Freight for Excisable supplies		7,738,157.000	KG	3.94	30,488,338.58
50.2	Freight for balance to be billed		8,038,365.000	KG	3.70	29,741,950.50
50.3	Freight for balance to be billed rev.03		18,055,670.000	KG	2.54	45,861,401.80
50.4	Freight_ For _ balance to be billed		1,279,445.700	KG	2.49	3,185,819.79

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
190	freight					
190.1	Freight		1,970,660.643	KG	2.49	4,906,945.00

Total Amount : Rs. 5,991,799,803.26

Total Amount in Words : RUPEES FIVE HUNDRED NINETYNINE CRORE SEVENTEEN LAKH NINETYNINE THOUSAND EIGHT HUNDRED THREE AND PAISE TWENTYSIX ONLY

Chief Engineer (Thermal Projects Construction)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Thermal Projects Construction)
3rd floor, A- Block, TGGENCO,Vidyut Soudha
Hyderabad-500082
Telangana

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR SOUTHERN REGION
BHEL INTEGRATED OFFICE COMPLEX
TNEB ROAD, PALLIKARANAI
CHENNAI 600100, Tamilnadu
Phone No:044-28286888

GSTIN .:
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

Vendor Code : 113041
GSTIN : 33AAACB4146P2ZL

PO No: 5300000596 CE/TPC / SE/TPC I / EME I / D51 / 2017 - 18 / / DT. 01.05.2017

Kind Attention Sri Maloth Prasad/ Dy. Manager/Comml.
Sir,
Sub: KTPS#Stage VII (1X800MW) # Broad Billing Break up for Supply of Mandatory Spares of Balance of Plant equipment PSSR Scope of supplies - Rev.04-Approval -Issued # Reg.

Ref:1. Contract No 30000000003, Dt: 30.12.2014.
2. Contract No 30000000004, Dt: 30.12.2014.
3. Lr NO:CE/TPC/SE/TPC1/EME-I/F.Broad BBU/D.No.86/19, Dt:01.06.2019(Broad BBU Rev.16)
4. BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:28.11.2019.
5. BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:12.12.2019.
6. BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:02.01.2020.
7. BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:07.01.2020.
8. TSGENCO Email dated 20.04.2020.
9. TSGENCO Email dated 30.04.2020.
10. BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:28.09.2020.
11. BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:12.10.2020.
12.BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:19.10.2020.
13.BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:10.11.2020.
14.BHEL Lr : BHEL:PSSR:CML:1049/B, Dt:30.07.2020 & 28.12.2020.

* * * * *

As per the revised Broad Billing Break-Up (Rev-16) approved vide this office letter 3rd cited above, the detailed Billing Break up (Rev.04) of Mandatory Spares furnished by M/s BHEL/PSSR/Chennai vide ref. 14th cited above has been reviewed and approved as per Annexure-I enclosed subject to the terms and conditions mentioned hereunder:

i. The Taxes and duties shall be paid as per the Purchase Orders.
ii. The detailed BBU is issued subject to the terms & conditions as mentioned in Annexure - VII of the purchase orders 1st & 2nd cited.
iii) Delivery Note and Invoice submitted by M/s BHEL must contain Contract No.3000000003 for Supply and Contract No 3000000004 for Freight, Erection & Commissioning), Release P.O Number (BBU P.O), P.O Line Item Numbers, P.O Material Number as per Annexure-1 of Release P.O, for speedy processing of invoices and payments.
(iv) To arrange to submit the O&M Manuals of equipments in hard copies and in the form of CDs as per the distribution schedule at least (3) three months prior to commissioning of the unit.
(v) To arrange to dispatch the materials in sequential manner to suit the erection programme.
Encl: Annexure-1

Yours faithfully,

Chief Engineer/TPC

Copy to:

1. The Chief Engineer/O&M/KTPS Stage-VII/Paloncha/Bhadradri Kothagudem Dist.-507 115.
2. The FA & CCA (Res) & CFO/TSGENCO/Vidyut Soudha/Hyderabad-082
3. The FA & CCA (Accounts) /TSGENCO/Vidyut Soudha/Hyderabad-082
4. The Superintending Engineer/O&M-I/KTPS Stage-VII/Paloncha/ Bhadradri Kothagudem Dist.- 507 115.
5. The Superintending Engineer/O&M-II/KTPS Stage-VII/Paloncha/ Bhadradri Kothagudem Dist.- 507 115.
6. The Dy.CCA/KTPS (O&M)/Paloncha/Bhadradri Kothagudem Dist.- 507 115.
7. The Senior Accounts Officer-II/KTPS (O&M)/Paloncha/Bhadradri Kothagudem Dist.-507 115.
8. The Senior Accounts Officer/Pay & Accounts/TSGENCO/Vidyut Soudha/Hyderabad - 500 082
9. Sri S.C. Verma, Sr. DGM/ PS-Mktg-BHEL House, Siri Fort, New Delhi - 1100049
10. The Divisional Engineer/Stores/O&M and KTPS-VII/Paloncha/Bhadradri kothagudem Dist-507 115

Annexure - 1

PO No: 5300000596 CE/TPC / SE/TPC I / EME I / D51 / 2017 - 18 / / DT.01.05.2017

Contract No: 3000000003 Item No: 20

S.No	Material Code (HSN Code) Description	Vendor Material BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
110	500022493	3.01.01	16	NO	3857.00	61712.00
	EOT_TG Hall Axle bearings (Long Travel Unit)					
120	500022494	3.01.02.01	2	NO	737.00	1474.00
	Model / Size 6209 (Gearbox bearings with sleeves)					
130	500022495	3.01.02.02	2	NO	807.00	1614.00
	Model / Size 6308 (Gearbox bearings with sleeves)					
140	500022496	3.01.02.03	2	NO	843.00	1686.00
	Model / Size 6311 (Gearbox bearings with sleeves)					
150	500022497	3.01.02.04	2	NO	692.00	1384.00
	Model / Size 6018 (Gearbox bearings with sleeves)					
160	500022498	3.01.03.01	1	NO	437.00	437.00
	Model / Size 90X110X12 (Seals for travel Gearbox)					
170	500022499	3.01.03.02	2	NO	397.00	794.00
	Model / Size 45X60X10 (Seals for travel Gearbox)					
180	500022500	3.01.04	16	NO	1416.00	22656.00
	Long travel brake shoes lining with rivets					
190	500022501	3.01.05	1	NO	12931.00	12931.00
	Motor (Long Travel Unit)					
200	500022502	3.02.01	8	NO	2848.00	22784.00
	Axle bearings_Cross Travel Unit					
210	500022503	3.02.02.01	2	NO	224.00	448.00
	Model / Size 6208 (Gearbox bearings with sleeves)					
220	500022504	3.02.02.02	2	NO	295.00	590.00
	Model / Size 6309 (Gearbox bearings with sleeves)					
230	500022505	3.02.02.03	2	NO	812.00	1624.00
	Model / Size 6311 (Gearbox bearings with sleeves)					
240	500022506	3.02.02.04	2	NO	209.00	418.00
	Model / Size 33018 (Gearbox bearings with sleeves)					
250	500022507	3.02.03.01	2	NO	146.00	292.00
	Model /Size 80X100X10 (Seals for Gearbox)					
260	500022508	3.02.03.02	2	NO	162.00	324.00
	Model /Size 40X60X10 (Seals for Gearbox)					
270	500022509	3.02.04	8	NO	1416.00	11328.00
	Cross travel brake shoes lining					
280	500022510	3.02.05	1	NO	12931.00	12931.00
	Motor (Cross Travel Unit)					
290	500022511	3.03.01	28	NO	2441.00	68348.00
	Main Hoist Pulley bearings					
300	500022512	3.03.02.01	2	NO	4691.00	9382.00
	Model / Size 21310 (Bearings for Gear Box)					
310	500022513	3.03.02.02	2	NO	5037.00	10074.00
	Model / Size 22215 (Bearings for Gear Box)					
320	500022514	3.03.02.03	2	NO	5575.00	11150.00
	Model / Size 22222 (Bearings for Gear Box)					

330	500022515	3.03.02.04	2	NO	6925.00	13850.00
	Model / Size 23032 (Bearings for Gear Box)					
340	500022516	3.03.02.05	2	NO	7330.00	14660.00
	Model / Size 23940 (Bearings for Gear Box)					
350	500022517	3.03.03.01	1	NO	409.00	409.00
	Model / Size 200X230X15 (Seals for Gear Box)					
360	500022518	3.03.03.02	2	NO	411.00	822.00
	Model / Size 48X62X8 (Seals for Gear Box)					
370	500022519	3.03.04.01	2	NO	1767.00	3534.00
	Model / Size 22211 (Aux. Hoist Gearbox bearings)					
380	500022520	3.03.04.02	2	NO	2919.00	5838.00
	Model / Size 22212 (Aux. Hoist Gearbox bearings)					
390	500022521	3.03.04.03	2	NO	3484.00	6968.00
	Model / Size 22216 (Aux. Hoist Gearbox bearings)					
400	500022522	3.03.04.04	2	NO	4145.00	8290.00
	Model / Size 22222 (Aux. Hoist Gearbox bearings)					
410	500022523	3.03.05.01	1	NO	479.00	479.00
	Model / Size 120X140X12 (Aux. Hoist Gearbox seals)					
420	500022524	3.03.05.02	2	NO	376.00	752.00
	Model / Size 55X75X10 (Aux. Hoist Gearbox seals)					
430	500022525	3.03.06.01	8	NO	1704.00	13632.00
	For brake size 300 mm dia EHT (For MH) (Main and Aux. Hoist Brake shoes)					
440	500022526	3.03.06.02	8	NO	1560.00	12480.00
	For brake size 250 mm dia EHT (For AH) (Main and Aux. Hoist Brake shoes)					
450	500022527	3.03.07.01	4	NO	616.00	2464.00
	For brake size 300 mm dia EHT (For MH) (Main and Aux. Hoist Brake springs)					
460	500022528	3.03.07.02	4	NO	616.00	2464.00
	For brake size 250 mm dia EHT (For AH) (Main and Aux. Hoist Brake springs)					
470	500022529	3.03.08.01	16	NO	1701.00	27216.00
	For brake size 300 mm dia EHT (For MH) (Main and Aux. Hoist Brake shoe liners)					
480	500022530	3.03.08.02	16	NO	1562.00	24992.00
	For brake size 250 mm dia EHT (For AH) (Main and Aux. Hoist Brake shoe liners)					
490	500022531	3.03.09.01	1	NO	77576.00	77576.00
	MH motor (Motor for Main Hoist and Auxiliary Hoist)					
500	500022532	3.03.09.02	1	NO	60976.00	60976.00
	AH motor (Motor for Main Hoist and Auxiliary Hoist)					
510	500022533	3.04.01.01	2	NO	2333.00	4666.00
	Elec. Control Panels Power Contactor (A093010110) (Fixed + Moving + spring contactors)					
520	500022534	3.04.01.02	2	NO	2278.00	4556.00
	Power Contactor (ZL145) (Fixed + Moving + spring contactors)					
530	500022535	3.04.01.03	2	NO	2205.00	4410.00
	Control Contactor (N31E) (Fixed + Moving + spring contactors)					
540	500022536	3.04.01.04	2	NO	2420.00	4840.00
	Control Contactor (N22E) (Fixed + Moving + spring contactors)					
550	500022537	3.04.02.01	2	NO	30901.00	61802.00
	For MH drive - 45kW (Control Module)					
560	500022538	3.04.02.02	2	NO	30980.00	61960.00

	For AH drive - 30 kW (Control Module)					
570	500022539	3.04.02.03	2	NO	31544.00	63088.00
	For CT drive - 7.5 kW (Control Module)					
580	500022540	3.04.02.04	2	NO	32813.00	65626.00
	For LT drive - 15 kW (Control Module)					
590	500022541	3.04.03.01	2	NO	8129.00	16258.00
	For MH drive - 45kW (Thyristor Stack)					
600	500022542	3.04.03.02	2	NO	8129.00	16258.00
	For AH drive - 30 kW (Thyristor Stack)					
610	500022543	3.04.03.03	2	NO	8129.00	16258.00
	For CT drive - 7.5 kW (Thyristor Stack)					
620	500022544	3.04.03.04	2	NO	8129.00	16258.00
	For LT drive - 15 kW (Thyristor Stack)					
630	500022545	3.04.04	2	NO	8126.00	16252.00
	Speed setting module					
640	500022546	3.05.01.01.01	5	NO	391.00	1955.00
	Control Panel/ Desk Mounted Items_Mushroom actuator (Complete Assembly)					
650	500022547	3.05.01.01.02	5	NO	397.00	1985.00
	Normal actuator - Green (Complete Assembly)					
660	500022548	3.05.01.01.03	5	NO	443.00	2215.00
	Normal actuator - Black (Complete Assembly)					
670	500022549	3.05.01.02.01	20	NO	105.00	2100.00
	1NO (CA5-10) (Contact element (1NO + 1NC) block)					
680	500022550	3.05.01.02.02	20	NO	80.00	1600.00
	1NC (CA5-01) (Contact element (1NO + 1NC) block)					
690	500022551	3.05.02	10	NO	431.00	4310.00
	Selector switch					
700	500022552	3.05.03.01	1	NO	924.00	924.00
	Ammeter (Meter (Analog or Digital))					
710	500022553	3.05.03.02	1	NO	924.00	924.00
	Voltmeter (Meter (Analog or Digital))					
720	500022554	3.05.04.01	10	NO	258.00	2580.00
	Indicating lamp Red (Indicating lamps Complete assembly)					
730	500022555	3.05.04.02	10	NO	256.00	2560.00
	Indicating lamp Yellow (Indicating lamps Complete assembly)					
740	500022556	3.05.04.03	10	NO	256.00	2560.00
	Indicating lamp Blue (Indicating lamps Complete assembly)					
750	500022557	3.05.04.04	10	NO	256.00	2560.00
	LED lamp Red (Indicating lamps Complete assembly)					
760	500022558	3.05.04.05	10	NO	256.00	2560.00
	LED lamp Yellow (Indicating lamps Complete assembly)					
770	500022559	3.05.05.06	10	NO	256.00	2560.00
	LED lamp Blue (Indicating lamps Complete assembly)					
780	500022560	3.05.05.01	2	NO	700.00	1400.00
	MCB_Type S273, 3 pole, 4 amp					
790	500022561	3.05.05.02	2	NO	699.00	1398.00
	MCB_Type S272, 2 pole, 10 amp					
800	500022562	3.05.05.03	2	NO	699.00	1398.00
	MCB_Type S272, 2 pole, 16 amp					
810	500022563	3.05.05.04	2	NO	699.00	1398.00
	MCB_Type S272, 2 pole, 20 amp					
820	500022564	3.05.05.05	2	NO	699.00	1398.00

	MCB_Type S272, 2 pole, 6 amp					
830	500022565	3.05.05.06	2	NO	720.00	1440.00
	MCB_Type S271, 1 pole, 6 amp					
840	500022566	3.05.05.07	2	NO	710.00	1420.00
	MCB_Type S273, 3 pole, 10 amp					
850	500022567	3.05.06	2	NO	307.00	614.00
	Door limit switch					
860	500022568	3.05.07	1	NO	5850.00	5850.00
	Hooter					
870	500022569	3.05.08	1	NO	128233.00	128233.00
	PCB (for non-PLC driven system)					
880	500022570	3.06.01	1	NO	10530.00	10530.00
	End Shield Cover Driving end for MH motor (415 V motor (Above 30 kW rating)					
890	500022571	3.06.01.01	1	NO	10530.00	10530.00
	End Shield Cover Non-Driving end for MH motor(415 V motor (Above 30 kW rating)					
900	500022572	3.06.02.01	1	NO	1786.00	1786.00
	Drive end bearing for MH motor					
910	500022573	3.06.02.02	1	NO	1786.00	1786.00
	Non-drive end bearing for MH motor					
920	500022574	3.06.03	1	NO	3079.00	3079.00
	Cooling Fan for MH motor					
930	500022575	3.06.04	1	NO	3079.00	3079.00
	Motor space heater for MH motor					
940	500022576	3.06.05	1	NO	4618.00	4618.00
	Motor terminal block for MH motor					
950	500022577	3.06.06	1	NO	98565.00	98565.00
	Complete set of coupling for MH motor					
960	500022578	3.07.01.01	3	NO	902.00	2706.00
	Drive end bearing for AH motor (415 V motor (Upto 30 kW rating))					
970	500022579	3.07.01.02	3	NO	902.00	2706.00
	Non-drive end bearing for AH motor(415 V motor (Upto 30 kW rating)					
980	500022580	3.07.01.03	3	NO	902.00	2706.00
	Drive end bearing for CT motor (415 V motor (Upto 30 kW rating))					
990	500022581	3.07.01.04	3	NO	904.00	2712.00
	Non-drive end bearing for CT motor (415 V motor (Upto 30 kW rating)					
1000	500022582	3.07.01.05	3	NO	904.00	2712.00
	Drive end bearing for LT motor(415 V motor (Upto 30 kW rating))					
1010	500022583	3.07.01.06	3	NO	904.00	2712.00
	Non-drive end bearing for LT motor (415 V motor (Upto 30 kW rating))					
1020	500022584	3.07.02.01	2	NO	4108.00	8216.00
	Cooling fan for AH motor					
1030	500022585	3.07.02.02	2	NO	4104.00	8208.00
	Cooling fan for CT motor					
1040	500022586	3.07.02.03	2	NO	4104.00	8208.00
	Cooling fan for LT motor					
1050	500022587	3.07.03.01	5	NO	3242.00	16210.00
	Terminal block for AH motor					
1060	500022588	3.07.03.02	5	NO	3243.00	16215.00
	Terminal block for CT motor					
1070	500022589	3.07.03.03	5	NO	3244.00	16220.00

	Terminal block for LT motor					
1080	500022590	3.07.04.01	1	NO	32846.00	32846.00
	Mechanical coupling between AH motor and gearbox (Complete set of Coupling)					
1090	500022591	3.07.04.02	1	NO	32846.00	32846.00
	Mechanical coupling between CT motor and gearbox(Complete set of Coupling)					
1100	500022592	3.07.04.03	1	NO	32847.00	32847.00
	Mechanical coupling between LT motor and gearbox (Complete set of Coupling)					
1110	500051793	100.01.01	1	SET	24434.00	24434.00
	MRS-415 Volt motor -End Shield Cover Driving & Non-Driving End (110 KW)					
1120	500051794	100.01.02	1	SET	20360.00	20360.00
	MRS-415 Volt motor -Driving End and Non-Driving End Bearing (110 KW)					
1130	500051795	100.01.03	1	NO	9773.00	9773.00
	MRS-415 Volt motor -Cooling Fan (110 KW)					
1140	500051796	100.01.04	1	NO	4887.00	4887.00
	MRS-415 Volt motor -Motor Space Heater (110 KW)					
1150	500051797	100.01.05	1	NO	6515.00	6515.00
	MRS-415 Volt motor -Motor Terminal Block (110 KW)					
1160	500051798	100.01.06	1	SET	8144.00	8144.00
	MRS-415 Volt motor -Coupling (110 KW)					
1170	500051799	100.02.01	2	NO	489.00	978.00
	MRS-Field Instruments - 150 mm Dial pressure gauge (0 - 10 Kg/cm2), Gas filled					
1180	500051800	100.02.02	2	NO	489.00	978.00
	MRS-Field Instruments - 150 mm Dial pressure gauge (0 - 6 Kg/cm2), Gas filled					
1190	500051801	100.02.03	2	NO	489.00	978.00
	MRS-Field Instruments - 150 mm Dial pressure gauge (0 - 10 Kg/cm2), Glycerine filled					
1200	500051802	100.02.04	2	NO	489.00	978.00
	MRS-Field Instruments - 100 mm Dial pressure gauge (0 - 10 Kg/cm2), Gas filled					
1210	500051803	100.02.05	2	NO	1466.00	2932.00
	MRS-Field Instruments - Temperatue Gauge (0 - 120 deg C), Gas filled					
1220	500051804	100.02.06	2	NO	1466.00	2932.00
	MRS-Field Instruments - Pressure Switches (1 - 10 Kg/cm2)					
1230	500051805	100.02.07	2	NO	1466.00	2932.00
	MRS-Field Instruments - Pressure Switches (0 - 6 Kg/cm2)					
1240	500051806	100.02.08	2	NO	1466.00	2932.00
	MRS-Field Instruments - Pressure Switches (0 - 4 Kg/cm2)					
1250	500051807	100.02.09	2	NO	1466.00	2932.00
	MRS-Field Instruments - Differential Pressure Switch (-0.9 - 1.5 bar)					
1260	500051808	100.02.10	2	NO	1466.00	2932.00
	MRS-Field Instruments - RF type level switches - 350 mm					
1270	500051809	100.02.11	2	NO	1466.00	2932.00
	MRS-Field Instruments - Radar level transmitter for Silo					
1280	500051810	100.02.12	5	NO	4887.00	24435.00
	MRS-Field Instruments - Temperature element (RTD) for Pyrite Hopper					
1290	500051811	100.03.01.01	4	NO	16288.00	65152.00
	MRS-Solenoid valves-5/2 Single coil Solenoid Valve					

1300	500051812	100.03.01.02	1	NO	8144.00	8144.00
	MRS-Solenoid valves-5/2 Double coil Solenoid Valve					
1310	500051813	100.03.01.03	1	NO	8144.00	8144.00
	MRS-Solenoid valves-3/2 Single Solenoid Valve					
1320	500051814	100.03.01.04	1	NO	8144.00	8144.00
	MRS-Solenoid valves-2/2 Single Solenoid Valve					
1330	500051815	100.03.02	1	NO	16288.00	16288.00
	MRS-Solenoid valves-Manifold for 5/2 Single & Double Coil Solenoid Valve					
1340	500051816	100.03.03.01	1	NO	407.00	407.00
	MRS-Process Connection Piping_Fittings -1/2" SS Male Connector for 10 mm OD SS tube					
1350	500051817	100.03.03.02	8	NO	814.00	6512.00
	MRS-Process Connection Piping_Fittings -1/2" SS Male Connector for 8 mm OD SS tube					
1360	500051818	100.03.03.03	2	NO	610.00	1220.00
	MRS-Process Connection Piping_Fittings -1/4" SS Male Connector for 8 mm OD SS tube					
1370	500051819	100.03.04.01	1	NO	11673.00	11673.00
	MRS-Process Connection Piping_Filter Regulators -1" Air Filter Regulator					
1380	500051820	100.03.04.02	2	NO	7574.00	15148.00
	MRS-Process Connection Piping_Filter Regulators -1/2" FL unit					
1390	500051821	100.04.01	2	NO	32577.00	65154.00
	MRS-Junction Box-Junction Box					
1400	500051822	100.04.02	10	NO	2442.00	24420.00
	MRS-Junction Box-2.5 sqmm screw driven terminal blocks					
1410	500051823	100.05.01	3	SET	570.00	1710.00
	MRS-Sump Motor-Driving End & Non-Driving End Bearing					
1420	500051824	100.05.02	2	NO	180.00	360.00
	MRS-Sump Motor-Cooling Fan					
1430	500051825	100.05.03	5	NO	440.00	2200.00
	MRS-Sump Motor-Motor Terminal Block					
1440	500051826	100.05.04	1	SET	340.00	340.00
	MRS-Sump Motor-Complete Set of Coupling					
1450	500051604	5.1.A.I	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Horizontal Centrifugal Pumps_Acid unloading pumps -Shaft					
1460	500051605	5.1.A.II	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Acid unloading pumps -Shaft Sleeve					
1470	500051606	5.1.A.III	1	NO	9408.00	9408.00
	Condensate Polishing Unit -Acid unloading pumps -Impeller					
1480	500051607	5.1.A.VII	4	NO	1882.00	7528.00
	Condensate Polishing Unit -Acid unloading pumps -Oil Seal					
1490	500051608	5.1.A.XII	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Acid unloading pumps -Mech Seal Assembly					
1500	500051609	5.1.A.XIII	3	SET	1882.00	5646.00
	Condensate Polishing Unit -Acid unloading pumps -Stationary/Carbon Packing and O-ring for Mechanical Seal					
1510	500051610	5.1.A.XV	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Acid unloading pumps -Coupling					
1520	500051611	5.1.A.XVII	2	SET	941.00	1882.00
	Condensate Polishing Unit -Acid unloading pumps -O Rings					

1530	500051612	5.1.A.XVIII	3	NO	11289.00	33867.00
	Condensate Polishing Unit -Acid unloading pumps -Suction Strainers Element					
1540	500051613	5.1.A.XIX	2	SET	4704.00	9408.00
	Condensate Polishing Unit -Acid unloading pumps -Bearing for Pump Motor					
1550	500051614	5.1.B.I	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Alkali unloading pump - Shaft					
1560	500051615	5.1.B.II	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Alkali unloading pump - Shaft Sleeve					
1570	500051616	5.1.B.III	1	NO	9408.00	9408.00
	Condensate Polishing Unit -Alkali unloading pump - Impeller					
1580	500051617	5.1.B.IV	4	NO	3763.00	15052.00
	Condensate Polishing Unit -Alkali unloading pump - Impeller locking Nut & Bolt					
1590	500051618	5.1.B.VII	4	NO	1882.00	7528.00
	Condensate Polishing Unit -Alkali unloading pump - Oil Seal					
1600	500051619	5.1.B.VIII	3	NO	941.00	2823.00
	Condensate Polishing Unit -Alkali unloading pump - Oil Deflector					
1610	500051620	5.1.B.IX	3	NO	1882.00	5646.00
	Condensate Polishing Unit -Alkali unloading pump - Oil Ring					
1620	500051621	5.1.B.XII	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Alkali unloading pump - Mech Seal Assembly					
1630	500051622	5.1.B.XIII	3	SET	1882.00	5646.00
	Condensate Polishing Unit -Alkali unloading pump - Stationary/Carbon Packing and O-ring for Mechanical Seal					
1640	500051623	5.1.B.XIV	3	NO	9408.00	28224.00
	Condensate Polishing Unit -Alkali unloading pump - Oil Level Gauge					
1650	500051624	5.1.B.XV	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Alkali unloading pump - Coupling					
1660	500051625	5.1.B.XVI	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Alkali unloading pump - Rubber Bush For Coupling					
1670	500051626	5.1.B.XVII	2	SET	3763.00	7526.00
	Condensate Polishing Unit -Alkali unloading pump - O Rings					
1680	500051627	5.1.B.XVIII	3	NO	11289.00	33867.00
	Condensate Polishing Unit -Alkali unloading pump - Suction Strainers Element					
1690	500051628	5.1.B.XIX	2	SET	4704.00	9408.00
	Condensate Polishing Unit -Alkali unloading pump - Bearing for Pump Motor					
1700	500051629	5.1.C.I	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Alkali transfer pump - Shaft					
1710	500051630	5.1.C.II	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Alkali transfer pump - Shaft Sleeve					
1720	500051631	5.1.C.III	1	NO	9408.00	9408.00
	Condensate Polishing Unit -Alkali transfer pump - Impeller					
1730	500051632	5.1.C.IV	4	NO	3763.00	15052.00
	Condensate Polishing Unit -Alkali transfer pump - Impeller locking Nut & Bolt					
1740	500051633	5.1.C.VII	4	NO	1882.00	7528.00
	Condensate Polishing Unit -Alkali transfer pump - Oil Seal					
1750	500051634	5.1.C.VIII	3	NO	941.00	2823.00

	Condensate Polishing Unit -Alkali transfer pump - Oil Deflector					
1760	500051635	5.1.C.IX	3	NO	1882.00	5646.00
	Condensate Polishing Unit -Alkali transfer pump - Oil Ring					
1770	500051636	5.1.C.XII	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Alkali transfer pump - Mech Seal Assembly					
1780	500051637	5.1.C.XIII	3	SET	1882.00	5646.00
	Condensate Polishing Unit -Alkali transfer pump - Stationary/Carbon Packing and O-ring for Mechanical Seal					
1790	500051638	5.1.C.XIV	3	NO	9408.00	28224.00
	Condensate Polishing Unit -Alkali transfer pump - Oil Level Gauge					
1800	500051639	5.1.C.XV	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Alkali transfer pump - Coupling					
1810	500051640	5.1.C.XVI	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Alkali transfer pump - Rubber Bush For Coupling					
1820	500051641	5.1.C.XVII	2	SET	3763.00	7526.00
	Condensate Polishing Unit -Alkali transfer pump - O Rings					
1830	500051642	5.1.C.XVIII	3	NO	11289.00	33867.00
	Condensate Polishing Unit -Alkali transfer pump - Suction Strainers Element					
1840	500051643	5.1.C.XIX	2	SET	4704.00	9408.00
	Condensate Polishing Unit -Alkali transfer pump - Bearing for Pump Motor					
1850	500051644	5.1.D.I	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Rinse recycle pump - Shaft					
1860	500051645	5.1.D.II	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Rinse recycle pump - Shaft Sleeve					
1870	500051646	5.1.D.III	1	NO	9408.00	9408.00
	Condensate Polishing Unit -Rinse recycle pump - Impeller					
1880	500051647	5.1.D.IV	4	NO	3763.00	15052.00
	Condensate Polishing Unit -Rinse recycle pump - Impeller locking Nut & Bolt					
1890	500051648	5.1.D.V	4	NO	941.00	3764.00
	Condensate Polishing Unit -Rinse recycle pump - Impeller Wear Ring					
1900	500051649	5.1.D.VI	4	NO	941.00	3764.00
	Condensate Polishing Unit -Rinse recycle pump - Casing Wear Ring					
1910	500051650	5.1.D.VII	4	NO	1882.00	7528.00
	Condensate Polishing Unit -Rinse recycle pump - Oil Seal					
1920	500051651	5.1.D.VIII	3	NO	1882.00	5646.00
	Condensate Polishing Unit -Rinse recycle pump - Oil Deflector					
1930	500051652	5.1.D.IX	3	NO	941.00	2823.00
	Condensate Polishing Unit -Rinse recycle pump - Oil Ring					
1940	500051653	5.1.D.XII	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Rinse recycle pump - Mech Seal Assembly					
1950	500051654	5.1.D.XIII	3	SET	1882.00	5646.00
	Condensate Polishing Unit -Rinse recycle pump - Stationary/Carbon Packing and O-ring for Mechanical Seal					
1960	500051655	5.1.D.XIV	3	NO	1882.00	5646.00
	Condensate Polishing Unit -Rinse recycle pump - Oil Level Gauge					
1970	500051656	5.1.D.XV	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Rinse recycle pump - Coupling					
1980	500051657	5.1.D.XVI	3	NO	1882.00	5646.00
	Condensate Polishing Unit -Rinse recycle pump - Rubber Bush For					

	Coupling					
1990	500051658	5.1.D.XVII	2	SET	1882.00	3764.00
	Condensate Polishing Unit -Rinse recycle pump - O Rings					
2000	500051659	5.1.D.XIX	2	SET	4704.00	9408.00
	Condensate Polishing Unit -Rinse recycle pump - Bearing for Pump Motor					
2010	500051660	5.1.E.I	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Resin transfer pump - Shaft					
2020	500051661	5.1.E.II	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Resin transfer pump - Shaft Sleeve					
2030	500051662	5.1.E.III	1	NO	9408.00	9408.00
	Condensate Polishing Unit -Resin transfer pump - Impeller •					
2040	500051663	5.1.E.VI	4	NO	941.00	3764.00
	Condensate Polishing Unit -Resin transfer pump - Casing Wear Ring					
2050	500051664	5.1.E.VII	4	NO	941.00	3764.00
	Condensate Polishing Unit -Resin transfer pump - Oil Seal					
2060	500051665	5.1.E.VIII	3	NO	941.00	2823.00
	Condensate Polishing Unit -Resin transfer pump - Oil Deflector					
2070	500051666	5.1.E.XII	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Resin transfer pump - Mech Seal Assembly					
2080	500051667	5.1.E.XIII	3	SET	3763.00	11289.00
	Condensate Polishing Unit -Resin transfer pump - Stationary/Carbon Packing and O-ring for Mechanical Seal					
2090	500051668	5.1.E.XV	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Resin transfer pump - Coupling					
2100	500051669	5.1.E.XVI	2	NO	1882.00	3764.00
	Condensate Polishing Unit -Resin transfer pump - Rubber Bush For Coupling					
2110	500051670	5.1.E.XVII	2	SET	3763.00	7526.00
	Condensate Polishing Unit -Resin transfer pump - O Rings					
2120	500051671	5.1.E.XIX	2	SET	9408.00	18816.00
	Condensate Polishing Unit -Resin transfer pump - Bearing for Pump Motor					
2130	500051672	5.2.A.I	1	SET	18815.00	18815.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Complete Bowl assembly					
2140	500051673	5.2.A.II	1	SET	9408.00	9408.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Impellers					
2150	500051674	5.2.A.III	1	SET	18815.00	18815.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Shafts					
2160	500051675	5.2.A.IV	1	SET	3763.00	3763.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - casing wearings					
2170	500051676	5.2.F.VI	2	SET	1882.00	3764.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Shaft Sleevss					
2180	500051677	5.2.F.VII	1	SET	3763.00	3763.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Shaft Couplings					
2190	500051678	5.2.F.VIII	1	SET	1882.00	1882.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Shaft Nuts & Keys					

2200	500051679	5.2.F.IX	1	SET	1419.00	1419.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Lantern Rings					
2210	500051680	5.2.F.XI	1	SET	9408.00	9408.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Bearings					
2220	500051681	5.2.F.XII	1	SET	9408.00	9408.00
	Condensate Polishing Unit -Vertical type centrifugal pump (At N-Pit) - Pump Motor Coupling					
2230	500051682	5.3.A.I	1	NO	18815.00	18815.00
	Condensate Polishing Unit -Agitators (Alkali Preparation tank, Alkali Day Tank & Alkali Measuring Tank for N-Pit - Gear Box Unit Complete					
2240	500051683	5.3.A.II	1	SET	3763.00	3763.00
	Condensate Polishing Unit -Agitators (Alkali Preparation tank, Alkali Day Tank & Alkali Measuring Tank for N-Pit - Bearing for Gearing box unit					
2250	500051684	5.3.F.VI	4	SET	1882.00	7528.00
	Condensate Polishing Unit -Agitators (Alkali Preparation tank, Alkali Day Tank & Alkali Measuring Tank for N-Pit - Oil Seals					
2260	500051685	5.4.A.I-1	6	NO	3763.00	22578.00
	Condensate Polishing Unit -Valves -Diaphragm valve - 25 NB					
2270	500051686	5.4.A.I-2	4	NO	4704.00	18816.00
	Condensate Polishing Unit -Valves -Diaphragm valve - 40 NB					
2280	500051687	5.4.A.I-3	4	NO	5645.00	22580.00
	Condensate Polishing Unit -Valves -Diaphragm valve - 50 NB					
2290	500051688	5.4.A.I-4	2	NO	6585.00	13170.00
	Condensate Polishing Unit -Valves -Diaphragm valve - 80 NB					
2300	500051689	5.4.B.I-1	6	NO	941.00	5646.00
	Condensate Polishing Unit -Diaphragm for 25 NB					
2310	500051690	5.4.B.I-2	4	NO	941.00	3764.00
	Condensate Polishing Unit -Diaphragm for 40 NB					
2320	500051691	5.4.B.I-3	4	NO	1129.00	4516.00
	Condensate Polishing Unit -Diaphragm for 50 NB					
2330	500051692	5.4.B.I-4	2	NO	1505.00	3010.00
	Condensate Polishing Unit -Diaphragm for 80 NB					
2340	500051693	5.4.C.I-1	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Non Return Valve - 25NB					
2350	500051694	5.4.C.I-2	2	NO	11289.00	22578.00
	Condensate Polishing Unit -Non Return Valve - 40NB					
2360	500051695	5.4.C.I-3	2	NO	15052.00	30104.00
	Condensate Polishing Unit -Non Return Valve - 50NB					
2370	500051696	5.4.C.I-4	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Non Return Valve - 65NB					
2380	500051697	5.4.C.I-5	2	NO	11289.00	22578.00
	Condensate Polishing Unit -Non Return Valve - 100NB					
2390	500051698	5.4.C.I-5	2	NO	11289.00	22578.00
	Condensate Polishing Unit -Non Return Valve - 150NB					
2400	500051699	5.4.D.I-1	2	NO	3763.00	7526.00
	Condensate Polishing Unit - Non Return Valve -Flap for - 25NB					
2410	500051700	5.4.D.I-2	2	NO	3763.00	7526.00
	Condensate Polishing Unit-Non Return Valve -Flap for - 40NB					
2420	500051701	5.4.D.I-3	2	NO	5645.00	11290.00
	Condensate Polishing Unit -Non Return Valve -Flap for - 100NB					

2430	500051702	5.4.E.I.-1A	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Ball Valve - 25 NB					
2440	500051703	5.4.E.I.-1B	2	NO	3763.00	7526.00
	Condensate Polishing Unit -Ball Valve - 40 NB					
2450	500051704	5.4.E.I.-1C	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Ball Valve - 50 NB					
2460	500051705	5.4.E.I.-1D	2	NO	11289.00	22578.00
	Condensate Polishing Unit -Ball Valve - 80 NB					
2470	500051706	5.4.F.I-1A	2	NO	18815.00	37630.00
	Condensate Polishing Unit -Butterfly Valve - 65 NB (Body-SGI, Disc-SS)					
2480	500051707	5.4.F.I-1B	2	NO	20105.00	40210.00
	Condensate Polishing Unit -Butterfly Valve - 80 NB (Body-SGI, Disc-SS)					
2490	500051708	5.4.F.I-1B	2	NO	20105.00	40210.00
	Condensate Polishing Unit -Butterfly Valve - 80 NB (Body-CS, Disc-SS)					
2500	500051709	5.4.F.I-1B	2	NO	20105.00	40210.00
	Condensate Polishing Unit -Butterfly Valve - 80 NB (Body-SS, Disc-SS)					
2510	500051710	5.4.F.I-1C	2	NO	18815.00	37630.00
	Condensate Polishing Unit -Butterfly Valve - 100 NB (Body-SGI, Disc-SS)					
2520	500051711	5.4.F.I-1C	2	NO	18815.00	37630.00
	Condensate Polishing Unit -Butterfly Valve - 100 NB (Body-SS, Disc-SS)					
2530	500051712	5.4.F.I-2A	1	NO	47039.00	47039.00
	Condensate Polishing Unit -Butterfly Valve - 150 NB (Body-SGI, Disc-SS)					
2540	500051713	5.4.F.I-2A	1	NO	47039.00	47039.00
	Condensate Polishing Unit -Butterfly Valve - 150 NB (Body-SS, Disc-SS)					
2550	500051714	5.4.F.I-2B	1	NO	47039.00	47039.00
	Condensate Polishing Unit -Butterfly Valve - 300 NB (Body-CS, Disc-SS)					
2560	500051715	5.4.F.I-2B	1	NO	47039.00	47039.00
	Condensate Polishing Unit -Butterfly Valve - 300 NB (Body-SS, Disc-SS)					
2570	500051716	5.4.F.I-2C	1	NO	47039.00	47039.00
	Condensate Polishing Unit -Butterfly Valve - 450 NB (Body-CS, Disc-SS)					
2580	500051717	5.4.F.I-2C	1	NO	47039.00	47039.00
	Condensate Polishing Unit -Butterfly Valve - 450 NB (Body-SS, Disc-SS)					
2590	500051718	5.5.A.1	0.09	M3	104530.00	9407.70
	Condensate Polishing Unit -Media for Activated carbon Filters					
2600	500051719	5.5.A.2.I	2.95	M3	470386.00	1387638.70
	Condensate Polishing Unit -Resins for each type of Exchangers- Cation Resin					
2610	500051720	5.5.A.2.II	1.485	M3	376292.50	558794.36
	Condensate Polishing Unit -Resins for each type of Exchangers- Anion Resin					
2620	500051721	5.6.A.I.A	1	SET	37631.00	37631.00
	Condensate Polishing Unit -Service Vessel Area Air Blowers -Impeller with Shaft					
2630	500051722	5.6.A.I.B	1	SET	28223.00	28223.00
	Condensate Polishing Unit -Service Vessel Area Air Blowers -Bearings					
2640	500051723	5.6.A.I.C	5	SET	3763.00	18815.00
	Condensate Polishing Unit -Service Vessel Area Air Blowers -Oil Seals					
2650	500051724	5.6.A.I.D	1	SET	15052.00	15052.00
	Condensate Polishing Unit -Service Vessel Area Air Blowers -Filter					
2660	500051725	5.6.A.II.A	1	SET	37631.00	37631.00
	Condensate Polishing Unit -Regeneration Area Air Blowers- Impeller					

	with Shaft					
2670	500051726	5.6.A.II.B	1	SET	28223.00	28223.00
	Condensate Polishing Unit -Regeneration Area Air Blowers- Bearings					
2680	500051727	5.6.A.II.C	5	SET	3763.00	18815.00
	Condensate Polishing Unit -Regeneration Area Air Blowers- Oil Seals					
2690	500051728	5.6.A.II.D	1	SET	15052.00	15052.00
	Condensate Polishing Unit -Regeneration Area Air Blowers- Filter					
2700	500051729	5.7G	1	SET	43870.00	43870.00
	Condensate Polishing Unit -Control Valve E/P Positioner Complete Set					
2710	500051730	5.8.A.I	2	NO	37631.00	75262.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -Pressure Transmitter (266HSH.M.S.B.A.7-.....L9.R1.B7)					
2720	500051731	5.8.A.II	2	NO	18815.00	37630.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -Pressure Transmitter (266HSH.P.S.B.A.7-.....L9.R1.B7)					
2730	500051732	5.8.A.III	2	NO	18815.00	37630.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -Pressure Transmitter (266HSH.Q.S.B.A.7-.....L9.R1.B7)					
2740	500051733	5.8.A.IV	2	NO	18815.00	37630.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -Pressure Transmitter (266HRH.Q.R.R.A.7-..L9.B7.R1 + S26RA.H.E2.S.F.SM.2.A.J.S.N.N.N)					
2750	500051734	5.8.A.V	2	NO	56446.00	112892.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -DIFF. PRESSURE TRANSMITTER/ FLOW TRANSMITTER (266DRH.H.S.R.R.R.A.7-...L9.B2.R1 +#S26RA.H.E1.S.F.SM.2.A.J.S.N.N.N +#S26RA.L.E1.S.F.SM.2.A.J.S.N.N.N)					
2760	500051735	5.8.A.VI	2	NO	28223.00	56446.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -DIFF. PRESSURE TRANSMITTER/ FLOW TRANSMITTER (266DSH.F.S.S.A.2.A.7-.....L9.R1.B2)					
2770	500051736	5.8.A.VII	2	NO	28223.00	56446.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -DIFF. PRESSURE TRANSMITTER/ FLOW TRANSMITTER (266DSH.H.S.S.A.2.A.7-.....L9.R1.B2)					
2780	500051737	5.8.A.VIII	2	NO	28223.00	56446.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -DIFF. PRESSURE TRANSMITTER/ FLOW TRANSMITTER (266DSH.M.S.S.A.2.A.7-.....L9.R1.B2)					
2790	500051738	5.8.A.IX	2	NO	37631.00	75262.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -TEMP TRASMITTER #(TTH200.Y0.H.BS-.....EM.M5)					
2800	500051739	5.8.A.X	2	NO	37631.00	75262.00
	Condensate Polishing Unit -Transmitters along with relevant accessories -ULTRASONIC LEVEL TRANSMITTER (UC552-RU-C-B-D-N-A)					
2810	500051740	5.8.B.I	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIRECT TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-1 Kg/Cm²)-KSC-0R5)					
2820	500051741	5.8.B.II	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIRECT TYPE (BSPG-P-150-S4S-S6S-S6S-S6S-T15NPTM-(0-10 Kg/Cm²)-KSC-0R5)					
2830	500051742	5.8.B.III	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories -					

	PRESSURE GAUGE-DIRECT TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-16 Kg/Cm²)-KSC-0R5)					
2840	500051743	5.8.B.IV	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIRECT TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-60 Kg/Cm²)-KSC-0R5)					
2850	500051744	5.8.B.V	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIRECT TYPE (BSPG-P-150-S4S-S6S-S6S-S6S-T15NPTM-(0-6 Kg/Cm²)-KSC-0R5)					
2860	500051745	5.8.B.VI	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-2Kg/Cm2)-KSC-0R5-CSU-(SDT-S4S-S6S-S6S-T15NTM-DC2-L))					
2870	500051746	5.8.B.VII	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-2Kg/Cm2)-KSC-0R5-CSU-(SDT-S4S-S6P-CS With Inside Teflon Coated / Moulded-T15NTM-DC2-L))					
2880	500051747	5.8.B.VIII	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-4Kg/Cm2)-KSC-0R5-CSU-(SDT-S4S-S6S-S6S-T15NTM-DC2-L))					
2890	500051748	5.8.B.IX	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-6Kg/Cm2)-KSC-0R5-CSU-(SDT-S4S-S6S-S6S-T15NTM-DC2-L))					
2900	500051749	5.8.B.X	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-6Kg/Cm2)-KSC-0R5-CSU-(SDT-S4S-S6P-CS With Inside Teflon Coated / Moulded-T15NTM-DC2-L))					
2910	500051750	5.8.B.XI	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S6S-T15NPTM-(0-16Kg/Cm2)-KSC-0R5-CSU-(SDT-S4S-S6S-S6S-T15NTM-DC2-L))					
2920	500051751	5.8.B.XII	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - PRESSURE GAUGE-DIA SEAL TYPE (BSPG-V-150-S4S-S6S-S6S-S4S-T15NPTM-(0-60Kg/Cm2)-KSC-0R5-CSU-(SDF-S4S-S6S-S6S-F25BFF-DC2-L))					
2930	500051752	5.8.B.XIII	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - DIFF. PRESSURE INDICATOR #(DPBL-Y-150-S4S-S6S-S6S-S6S-T15NPTM-(0-1.6 Kg/Cm²)-KSC-A)					
2940	500051753	5.8.B.XIV	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Gauges along with relevant accessories - DIFF. PRESSURE INDICATOR #(DPBL-Y-150-S4S-S6S-S6S-S6S-T15NPTM-(0-2.5 Kg/Cm²)-KSC-(CSU-SDF-S4S-S6S-S6S-F25AFF-DC2-4AR(3))					
2950	500051754	5.8.C.I	2	NO	9408.00	18816.00
	Condensate Polishing Unit -Switches along with relevant accessoriesFLOW SWITCH #(GABM4-080-A-F-2-FB4-DD-B-Z)					
2960	500051755	5.8.D.I	5	NO	9408.00	47040.00
	Condensate Polishing Unit -Temperature Elements (RTD/Thermocouple) with Thermo well - RTD ALONG WITH THERMOWELL (RTD H-C -2 Pt-100-8mm-S6-WAL-15N-420-C-150-8)					
2970	500051756	5.8.D.II	5	NO	9408.00	47040.00

	Condensate Polishing Unit -Temperature Elements (RTD/Thermocouple) with Thermo well - RTD ALONG WITH THERMOWELL (RTD H-C -2 Pt-100-8mm-S6-WAL-15N-270-C-150-8)					
2980	500051757	5.9.A.III.A-1	3	SET	6271.00	18813.00
	Condensate Polishing Unit -415V Motor 0.37 KW -Driving & Non-Driving End bearing					
2990	500051758	5.9.A.III.A-2	2	SET	1881.00	3762.00
	Condensate Polishing Unit -415V Motor 0.37 KW -Cooling Fan					
3000	500051759	5.9.A.III.A-3	5	SET	940.00	4700.00
	Condensate Polishing Unit -415V Motor 0.37 KW -Motor Terminal Block					
3010	500051760	5.9.A.III.A-4	1	SET	7526.00	7526.00
	Condensate Polishing Unit -415V Motor 0.37 KW -Complete Set of Coupling					
3020	500051761	5.9.A.III.A-1	3	SET	3333.33	9999.99
	Condensate Polishing Unit -415V Motor 1.5 KW -Driving & Non-Driving End bearing					
3030	500051762	5.9.A.III.A-2	2	NO	5645.00	11290.00
	Condensate Polishing Unit -415V Motor 1.5 KW -Cooling Fan					
3040	500051763	5.9.A.III.A-3	5	NO	2822.00	14110.00
	Condensate Polishing Unit -415V Motor 1.5 KW -Motor Terminal Block					
3050	500051764	5.9.A.III.A-4	1	SET	9408.00	9408.00
	Condensate Polishing Unit -415V Motor 1.5 KW -Complete Set of Coupling					
3060	500051765	5.9.A.III.B-1	3	SET	3333.33	9999.99
	Condensate Polishing Unit -415V Motor 3.7 KW -Driving & Non-Driving End bearing					
3070	500051766	5.9.A.III.B-2	2	NO	5645.00	11290.00
	Condensate Polishing Unit -415V Motor 3.7 KW -Cooling Fan					
3080	500051767	5.9.A.III.B-3	5	NO	2822.00	14110.00
	Condensate Polishing Unit -415V Motor 3.7 KW -Motor Terminal Block					
3090	500051768	5.9.A.III.B-4	1	SET	9408.00	9408.00
	Condensate Polishing Unit -415V Motor 3.7 KW -Complete Set of Coupling					
3100	500051769	5.9.A.III.C-1	3	SET	3333.33	9999.99
	Condensate Polishing Unit -415V Motor 11 KW -Driving & Non-Driving End bearing					
3110	500051770	5.9.A.III.C-2	2	NO	5645.00	11290.00
	Condensate Polishing Unit -415V Motor 11 KW -Cooling Fan					
3120	500051771	5.9.A.III.C-3	5	NO	2822.00	14110.00
	Condensate Polishing Unit -415V Motor 11 KW -Motor Terminal Block					
3130	500051772	5.9.A.III.C-4	1	SET	9408.00	9408.00
	Condensate Polishing Unit -415V Motor 11 KW -Complete Set of Coupling					
3140	500051773	5.9.A.III.D-1	3	SET	3333.33	9999.99
	Condensate Polishing Unit -415V Motor 15 KW -Driving & Non-Driving End bearing					
3150	500051774	5.9.A.III.D-2	2	NO	5645.00	11290.00
	Condensate Polishing Unit -415V Motor 15 KW -Cooling Fan					
3160	500051775	5.9.A.III.D-3	5	NO	2822.00	14110.00
	Condensate Polishing Unit -415V Motor 15 KW -Motor Terminal Block					
3170	500051776	5.9.A.III.D-4	1	SET	9408.00	9408.00
	Condensate Polishing Unit -415V Motor 15 KW -Complete Set of Coupling					
3180	500051777	5.9.A.III.E-1	3	SET	3333.33	9999.99
	Condensate Polishing Unit -415V Motor 18.5 KW -Driving & Non-Driving End bearing					

3190	500051778	5.9.A.III.E-2	2	NO	5645.00	11290.00
	Condensate Polishing Unit -415V Motor 18.5 KW -Cooling Fan					
3200	500051779	5.9.A.III.E-3	5	NO	2822.00	14110.00
	Condensate Polishing Unit -415V Motor 18.5 KW -Motor Terminal Block					
3210	500051780	5.9.A.III.E-4	1	SET	9408.00	9408.00
	Condensate Polishing Unit -415V Motor 18.5 KW -Complete Set of Coupling					
3220	500051781	5.9.A.III.F-1	3	SET	3333.33	9999.99
	Condensate Polishing Unit -415V Motor 30 KW -Driving & Non-Driving End bearing					
3230	500051782	5.9.A.III.F-2	2	NO	5645.00	11290.00
	Condensate Polishing Unit -415V Motor 30 KW -Cooling Fan					
3240	500051783	5.9.A.III.F-3	5	NO	2822.00	14110.00
	Condensate Polishing Unit -415V Motor 30 KW -Motor Terminal Block					
3250	500051784	5.9.A.III.F-4	1	SET	9408.00	9408.00
	Condensate Polishing Unit -415V Motor 30 KW -Complete Set of Coupling					
3260	500051785	5.9.A.III.H-1	3	SET	6271.00	18813.00
	Condensate Polishing Unit -415V Motor 1.1 KW -Driving & Non-Driving End bearing					
3270	500051786	5.9.A.III.H-2	2	SET	1881.00	3762.00
	Condensate Polishing Unit -415V Motor 1.1 KW -Cooling Fan					
3280	500051787	5.9.A.III.H-3	5	SET	940.00	4700.00
	Condensate Polishing Unit -415V Motor 1.1 KW -Motor Terminal Block					
3290	500051788	5.9.A.III.H-4	1	SET	7526.00	7526.00
	Condensate Polishing Unit -415V Motor 1.1 KW -Complete Set of Coupling					
3300	500051789	5.9.A.III.I-1	3	SET	6271.00	18813.00
	Condensate Polishing Unit -415V Motor 2.2 KW -Driving & Non-Driving End bearing					
3310	500051790	5.9.A.III.I-2	2	SET	1881.00	3762.00
	Condensate Polishing Unit -415V Motor 2.2 KW -Cooling Fan					
3320	500051791	5.9.A.III.I-3	5	SET	940.00	4700.00
	Condensate Polishing Unit -415V Motor 2.2 KW -Motor Terminal Block					
3330	500051792	5.9.A.III.I-4	1	SET	7547.00	7547.00
	Condensate Polishing Unit -415V Motor 2.2 KW -Complete Set of Coupling					
3340	500055907	10.10.10	1	SET	47000.00	47000.00
	Ventilation System - Centrifugal fans- Bearings for Air Washer Fans					
3350	500055908	10.10.20	1	SET	31330.00	31330.00
	Ventilation System - Centrifugal fans- Bearings for U.A.F. Fans					
3360	500055909	10.10.30.01	1	SET	156640.00	156640.00
	Ventilation System - Impeller for the fan- Impeller for air washer fan					
3370	500055910	10.10.30.02	1	SET	156640.00	156640.00
	Ventilation System - Impeller for the fan- Impeller for U.A.F Fan					
3380	500055911	10.20.10	1	SET	11704.00	11704.00
	Ventilation System - Centrifugal pumps- Bearings for Air Washer Pumps					
3390	500055912	10.20.20	1	SET	9920.00	9920.00
	Ventilation System - Centrifugal pumps- Bearings for U.A.F. Pumps					
3400	500055913	10.20.30	2	SET	15660.00	31320.00
	Ventilation System - Centrifugal pumps- Gland Packing, shaft sleeve & casing wearing ring					
3410	500055914	10.20.40.01	1	SET	44380.00	44380.00
	Ventilation System - Impeller for the pump- Impeller for Air washer					

	Pump					
3420	500055915	10.20.40.02	1	SET	44380.00	44380.00
	Ventilation System - Impeller for the pump- Impeller for U.A.F Pump					
3430	500055916	10.30.10	188	NO	172.00	32336.00
	Ventilation System - Spray NOzzles- Spray NOzzles for Air Washer Unit					
3440	500055917	10.30.20	9	NO	260.00	2340.00
	Ventilation System - Spray NOzzles- Spray NOzzles for UAF Unit					
3450	500055918	10.40.10	29	NO	7800.00	226200.00
	Ventilation System - SS filters- SS filter for Air Washer 610 X 610 X 50 mm					
3460	500055919	10.40.20	8	NO	7800.00	62400.00
	Ventilation System - SS filters- SS filter for Air Washer 610 X 305 X 50 mm					
3470	500055920	10.40.30	3	NO	15660.00	46980.00
	Ventilation System - SS filters- SS filter for Unitary Air filteration Unit					
3480	500055921	10.50.10	1	NO	47000.00	47000.00
	Ventilation System - Flow regulating Valve- FRV - For Air Washer					
3490	500055922	10.50.20	1	NO	16320.00	16320.00
	Ventilation System - Flow regulating Valve- FRV - For Unitary Air Filteration Unit					
3500	500055923	10.60.10	1	NO	7830.00	7830.00
	Ventilation System - Basket for POT strainer- Strainer basket for Air Washer					
3510	500055924	10.60.20	1	NO	7830.00	7830.00
	Ventilation System - Basket for POT strainer- Strainer basket for UAF Unit					
3520	500055925	10.70.10	1	NO	13050.00	13050.00
	Ventilation System - Valves- Gate Valve for Air Washer - 150 NB					
3530	500055926	10.70.20	2	NO	16970.00	33940.00
	Ventilation System - Valves- Gate Valve for Air Washer - 250 NB					
3540	500055927	10.70.30	1	NO	31330.00	31330.00
	Ventilation System - Valves- NR Valve for Air Washer					
3550	500055928	10.70.40	1	NO	7830.00	7830.00
	Ventilation System - Valves- Gate Valve for UAF Unit - 80 NB					
3560	500055929	10.70.50	1	NO	9140.00	9140.00
	Ventilation System - Valves- Gate Valve for UAF Unit - 100 NB					
3570	500055930	10.70.60	1	NO	10440.00	10440.00
	Ventilation System - Valves- Gate Valve for UAF Unit - 125 NB					
3580	500055931	10.70.70	1	NO	23500.00	23500.00
	Ventilation System - Valves- NR Valve for UAF Unit					
3590	500055932	10.70.80	2	NO	5870.00	11740.00
	Ventilation System - Valves- Gate Valve for Make-Up drain of Air Washer					
3600	500055933	10.70.90	1	NO	11750.00	11750.00
	Ventilation System - Valves- Gate Valve for UAF					
3610	500055934	10.80.10.10	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 10000 CMH @ 30 mmwc - 610 X 610 X 50 mm					
3620	500055935	10.80.10.20	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 10000 CMH @ 30 mmwc - 610 X 610 X 305 mm					
3630	500055936	10.80.10.30	1	SET	11750.00	11750.00

	Ventilation System - Fan-Filter Units - Filter for SAF of 7500 CMH @ 30 mmwc - 610 X 610 X 50 mm					
3640	500055937	10.80.10.40	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 7500 CMH @ 30 mmwc - 610 X 610 X 305 mm					
3650	500055938	10.80.10.50	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 6000 CMH @ 30 mmwc - 610 X 610 X 50 mm					
3660	500055939	10.80.10.60	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 6000 CMH @ 30 mmwc - 610 X 610 X 305 mm					
3670	500055940	10.80.10.70	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units -Filter for SAF of 4000 CMH @ 30 mmwc - 610 X 610 X 50 mm					
3680	500055941	10.80.10.80	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 4000 CMH @ 30 mmwc - 610 X 610 X 305 mm					
3690	500055942	10.80.10.90	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 10000 CMH @ 20 mmwc - 610 X 610 X 50 mm					
3700	500055943	10.80.10.100	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 6000 CMH @ 20 mmwc - 610 X 610 X 50 mm					
3710	500055944	10.80.10.110	1	SET	11750.00	11750.00
	Ventilation System - Fan-Filter Units - Filter for SAF of 4000 CMH @ 20 mmwc - 610 X 610 X 50 mm					
3720	500055945	10.80.20.10	1	SET	3360.00	3360.00
	Ventilation System - Fan-motor bearing for SAF of 10000 CMH @ 30 mmwc					
3730	500055946	10.80.20.20	1	SET	3360.00	3360.00
	Ventilation System - Fan-motor bearing for SAF of 7500 CMH @ 30 mmwc					
3740	500055947	10.80.20.30	1	SET	3360.00	3360.00
	Ventilation System - Fan-motor bearing for SAF of 6000 CMH @ 30 mmwc					
3750	500055948	10.80.20.40	1	SET	3360.00	3360.00
	Ventilation System - Fan-motor bearing for SAF of 4000 CMH @ 30 mmwc					
3760	500055949	10.80.20.50	1	SET	3360.00	3360.00
	Ventilation System - Fan-motor bearing for SAF of 10000 CMH @ 20 mmwc					
3770	500055950	10.80.20.60	1	SET	3360.00	3360.00
	Ventilation System - Fan-motor bearing for SAF of 6000 CMH @ 20 mmwc					
3780	500055951	10.80.20.70	1	SET	2000.00	2000.00
	Ventilation System - Fan-motor bearing for SAF of 4000 CMH @ 20 mmwc					
3790	500055952	10.80.20.80	1	SET	1360.00	1360.00
	Ventilation System - Fan-motor bearing for SAF of 7500 CMH @ 20 mmwc					
3800	500055953	10.80.40.10	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 600 X 450					
3810	500055954	10.80.40.20	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 450 X 350					
3820	500055955	10.80.40.30	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 400 X 220					
3830	500055956	10.80.40.40	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 900 X300					
3840	500055957	10.80.40.50	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 700 X300					
3850	500055958	10.80.40.60	1	NO	2100.00	2100.00

	Ventilation System - Back Draft Dampers - 500 X 420					
3860	500055959	10.80.40.70	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 400 X 400					
3870	500055960	10.80.40.80	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 350 X 350					
3880	500055961	10.80.40.90	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 200 X 100					
3890	500055962	10.80.40.100	1	NO	2500.00	2500.00
	Ventilation System - Back Draft Dampers - 400 X 350					
3900	500055963	10.80.40.110	1	NO	2100.00	2100.00
	Ventilation System - Back Draft Dampers - 700 X 100					
3910	500055964	10.90.10.10	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 15000 CMH @ 15 mmwc					
3920	500055965	10.90.10.20	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 10000 CMH @ 15 mmwc					
3930	500055966	10.90.10.30	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 7500 CMH @ 15 mmwc					
3940	500055967	10.90.10.40	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 2000 CMH @ 15 mmwc					
3950	500055968	10.90.10.50	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 15000 CMH @ 10 mmwc					
3960	500055969	10.90.10.60	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 10000 CMH @ 10 mmwc					
3970	500055970	10.90.10.70	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 7500 CMH @ 10 mmwc					
3980	500055971	10.90.10.80	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 6000 CMH @ 10 mmwc					
3990	500055972	10.90.10.90	1	SET	3920.00	3920.00
	Ventilation System - Wall mounted supply / exhaust fan - Fan-motor bearing for EAF of 2000 CMH @ 10 mmwc					
4000	500055973	10.90.30.10	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- SAF Capacity 10,000 CMH @ 30 mmwc with motor 2.2 kW					
4010	500055974	10.90.30.20	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- SAF Capacity 7500 CMH @ 30 mmwc with motor 1.5 kW					
4020	500055975	10.90.30.30	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- SAF Capacity 6,000 CMH@30 mmwc with Motor 1.1 KW					
4030	500055976	10.90.30.40	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- SAF Capacity 4,000 CMH@30 mmwc with Motor 0.75 KW					
4040	500055977	10.90.30.50	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- SAF Capacity 10,000 CMH @ 20 mmwc with Motor 1.5 KW					
4050	500055978	10.90.30.60	1	SET	11130.00	11130.00

	Ventilation System - Fan motor- SAF Capacity 6,000 CMH@20 mmwc with Motor 1.1 KW					
4060	500055979	10.90.30.70	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- SAF Capacity 4,000 CMH@20 mmwc with Motor 0.75 KW					
4070	500055980	10.90.30.80	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 15,000 CMH @ 15 mmwc with Motor 2.2 KW					
4080	500055981	10.90.30.90	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 10,000 CMH@ 15 mmwc withMotor 1.5 KW					
4090	500055982	10.90.30.100	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 7,500 CMH@ 15 mmwc with Motor 1.1 KW					
4100	500055983	10.90.30.110	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 2,000 CMH@ 15 mmwc with Motor 0.55 KW					
4110	500055984	10.90.30.120	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 15,000 CMH@ 10 mmwc with Motor 1.1 KW					
4120	500055985	10.90.30.130	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 10,000 CMH@ 10 mmwc with Motor 0.75 KW					
4130	500055986	10.90.30.140	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 7,500 CMH@ 10 mmwc with Motor 0.55 KW					
4140	500055987	10.90.30.150	1	SET	11130.00	11130.00
	Ventilation System - Fan motor- EAF Capacity 6,000 CMH@ 10 mmwc with Motor 0.55 KW					
4150	500055988	10.90.30.160	1	SET	5565.00	5565.00
	Ventilation System - Fan motor- EAF Capacity 2,000 CMH@ 10 mmwc with Motor 0.37 KW					
4160	500055989	10.90.30.170	1	SET	5565.00	5565.00
	Ventilation System - SAF Capacity 7500 CMH @ 20 mmwc with Motor rating 1.1 KW					
4170	500055990	10.90.40	1	SET	11130.00	11130.00
	Ventilation System - Exhaust Air Fan (Propeller Type)					
4180	500055991	10.100.10.10	2	NO	5875.00	11750.00
	Ventilation System - C&I Mandatory Spares- Field Instruments -Pressure Gauge					
4190	500055992	10.100.10.20	2	NO	5875.00	11750.00
	Ventilation System - C&I Mandatory Spares- Field Instruments -Pressure Switch					
4200	500055993	10.100.10.30	2	NO	5875.00	11750.00
	Ventilation System - C&I Mandatory Spares- Field Instruments -DP Switch					
4210	500055994	10.100.10.40	2	NO	5875.00	11750.00
	Ventilation System - C&I Mandatory Spares- Field Instruments -Level Switch					
4220	500055995	10.110.10	1	NO	15665.00	15665.00
	Ventilation System - Actuator for fire dampers - Complete SET of Actuator					
4230	500055996	10.110.20	3	NO	1630.00	4890.00
	Ventilation System - Actuator for fire dampers - Limit Switch					

4240	500055997	10.130.10.10	4	NO	290.00	1160.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 55 kW for AWU fan					
4250	500055998	10.130.10.20	4	NO	290.00	1160.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 37 kW for AWU pump					
4260	500055999	10.130.10.30	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 22 kW for UAF fan					
4270	500056000	10.130.10.40	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 9.3 kW for UAF pump					
4280	500056001	10.130.10.50	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 5.5 kW for REF 50000 CMH					
4290	500056002	10.130.10.60	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 5.5 kW for REF 40000 CMH					
4300	500056003	10.130.10.70	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 2.2 kW for REF 20000 CMH					
4310	500056004	10.130.10.80	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 2.2 kW for SAF 10000 CMH @ 30 mmwc					
4320	500056005	10.130.10.90	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.5 kW for SAF 7500 CMH @ 30 mmwc					
4330	500056006	10.130.10.100	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.1 kW for SAF 6000 CMH @ 30 mmwc					
4340	500056007	10.130.10.110	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.75 kW for SAF 4000 CMH @ 30 mmwc					
4350	500056008	10.130.10.120	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.5 kW for SAF 10000 CMH @ 20 mmwc					
4360	500056009	10.130.10.130	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.1 kW for SAF 6000 CMH @ 20 mmwc					
4370	500056010	10.130.10.140	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.75 kW for SAF 4000 CMH @ 20 mmwc					
4380	500056011	10.130.10.150	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 2.2 kW for EAF 15000 CMH @ 15 mmwc					
4390	500056012	10.130.10.160	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.5 kW for EAF 10000 CMH @ 15 mmwc					
4400	500056013	10.130.10.170	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.1 kW for EAF 7500 CMH @ 15 mmwc					
4410	500056014	10.130.10.180	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.55 kW for EAF 2000 CMH @ 15 mmwc					
4420	500056015	10.130.10.190	10	NO	290.00	2900.00

	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 1.1 kW for EAF 15000 CMH @ 10 mmwc					
4430	500056016	10.130.10.200	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.75 kW for EAF 10000 CMH @ 10 mmwc					
4440	500056017	10.130.10.210	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.55 kW for EAF 7500 CMH @ 10 mmwc					
4450	500056018	10.130.10.220	10	NO	290.00	2900.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.55 kW for EAF 6000 CMH @ 10 mmwc					
4460	500056019	10.130.10.230	10	NO	145.00	1450.00
	Ventilation System - Electrical Spares for Motors - Terminal Plates of motor 0.37 kW for EAF 2000 CMH @ 10 mmwc					
4470	500056020	10.130.10.240	10	NO	145.00	1450.00
	Ventilation System - Electrical Spares for Motors - Terminal plates of motor 1.1 kW for SAF 7500 CMH@ 20mmwc					
4480	500056021	10.130.20.10	1	SET	6530.00	6530.00
	Ventilation System - Electrical Spares for Motors - Heaters of motor 55 kW for AWU fan					
4490	500056022	10.130.20.20	1	SET	3920.00	3920.00
	Ventilation System - Electrical Spares for Motors - Heaters of motor 37 kW for AWU pump					
4500	500056023	10.130.30.10	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 55 kW for AWU fan					
4510	500056024	10.130.30.20	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 37 kW for AWU pump					
4520	500056025	10.130.30.30	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 22 kW for UAF fan					
4530	500056026	10.130.30.40	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 9.3 kW for UAF pump					
4540	500056027	10.130.30.50	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 5.5 kW for REF 50000 CMH & 40000 CMH					
4550	500056028	10.130.30.60	4	SET	70.00	280.00
	Ventilation System - Greasing arrangements of motor 2.2 kW for REF 20000 CMH, SAF 10000 CMH @ 30 mmwc & EAF 15000 CMH @ 15 mmwc					
4560	500056029	10.130.30.70	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 1.5 kW for SAF 7500 CMH @ 30, SAF 10000 CMH @ 20 mmwc & EAF 10000 CMH @ 15 mmwc					
4570	500056030	10.130.30.80	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 1.1 kW for SAF 6000 CMH @ 30, SAF 6000 CMH @ 20 mmwc, EAF 7500 CMH @ 15 mmwc & EAF 15000 CMH @ 10 mmwc					
4580	500056031	10.130.30.90	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 0.75 kW for SAF 4000 CMH @ 30, SAF 4000 CMH @ 20 mmwc & EAF 10000 CMH @ 10 mmwc					
4590	500056032	10.130.30.100	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing					

	arrangements of motor 0.55 kW for EAF 2000 CMH @ 15, EAF 7500 CMH @ 10 mmwc & EAF 6000 CMH @ 10 mmwc					
4600	500056033	10.130.30.110	4	SET	70.00	280.00
	Ventilation System - Electrical Spares for Motors - Greasing arrangements of motor 0.37 kW for EAF 2000 CMH @ 10 mmwc					
4610	500056034	10.130.40	4	NO	7830.00	31320.00
	Ventilation System - Motors below 0.75 kW					
4620	500056035	10.130.50.10	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 55 kW for AWU fan					
4630	500056036	10.130.50.20	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 37 kW for AWU pump					
4640	500056037	10.130.50.30	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 22 kW for UAF fan					
4650	500056038	10.130.50.40	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 9.3 kW for UAF pump					
4660	500056039	10.130.50.50	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 5.5 kW for REF 50000 CMH & 40000 CMH					
4670	500056040	10.130.50.60	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 2.2 kW for REF 20000 CMH, SAF 10000 CMH @ 30 mmwc & EAF 15000 CMH @ 15 mmwc					
4680	500056041	10.130.50.70	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 1.5 kW for SAF 7500 CMH @ 30, SAF 10000 CMH @ 20 mmwc & EAF 10000 CMH @ 15 mmwc					
4690	500056042	10.130.50.80	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 1.1 kW for SAF 6000 CMH @ 30, SAF 6000 CMH @ 20 mmwc, EAF 7500 CMH @ 15 mmwc & EAF 15000 CMH @ 10 mmwc					
4700	500056043	10.130.50.90	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 0.75 kW for SAF 4000 CMH @ 30 & EAF 10000 CMH @ 10 mmwc					
4710	500056044	10.130.50.100	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 0.55 kW for EAF 2000 CMH @ 15, EAF 7500 CMH @ 10 mmwc & EAF 6000 CMH @ 10 mmwc					
4720	500056045	10.130.50.110	4	SET	3560.00	14240.00
	Ventilation System - Electrical Spares for Motors - Motors below 0.75 kW -Bearings (DE & NDE) of motor 0.37 kW for EAF 2000 CMH @ 10 mmwc					
4730	500056046	10.140.20.10.10	1	SET	3920.00	3920.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - End Shield Cover Driving & NOn-Driving End for Motor 55 kW					
4740	500056047	10.140.20.10.20	1	SET	3920.00	3920.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - End Shield Cover Driving & NOn-Driving End for Motor 37 kW					
4750	500056048	10.140.20.20.10	1	SET	5875.00	5875.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Driving End & NOn-Driving End Bearing for Motor 55 kW					
4760	500056049	10.140.20.20.20	1	SET	5875.00	5875.00

	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Driving End & NOn-Driving End Bearing for Motor 37 kW					
4770	500056050	10.140.20.30.10	1	NO	980.00	980.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Cooling Fan for Motor rating 55 kW					
4780	500056051	10.140.20.30.20	1	NO	980.00	980.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Cooling Fan for Motor rating 37 kW					
4790	500056052	10.140.20.40.10	1	NO	2610.00	2610.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Motors Space Heater for Motor Rating 55 kW					
4800	500056053	10.140.20.40.20	1	NO	2610.00	2610.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Motors Space Heater for Motor Rating 37 kW					
4810	500056054	10.140.20.50.10	1	NO	1960.00	1960.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Motor Terminal Block for Motor rating 55 kW					
4820	500056055	10.140.20.50.20	1	NO	1960.00	1960.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Motor Terminal Block for Motor rating 37 kW					
4830	500056056	10.140.20.60.10	1	SET	3920.00	3920.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Complete SET of Coupling for Motor rating 55 kW					
4840	500056057	10.140.20.60.20	1	SET	3920.00	3920.00
	Ventilation System - 415 V Motor (Above 30 kW rating upto 200 kW) - Complete SET of Coupling for Motor rating 37 kW					
4850	500056058	10.140.30.10.10	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) -Bearings (DE & NDE) of motor 22 kW for UAF fan					
4860	500056059	10.140.30.10.20	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 9.3 kW for UAF pump					
4870	500056060	10.140.30.10.30	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 5.5 kW for REF 50000 CMH & 40000 CMH					
4880	500056061	10.140.30.10.40	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 2.2 kW for REF 20000 CMH, SAF 10000 CMH @ 30 mmwc & EAF 15000 CMH @ 15 mmwc					
4890	500056062	10.140.30.10.50	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 1.5 kW for SAF 7500 CMH @ 30 , SAF 10000 CMH @ 20 mmwc & EAF 10000 CMH @ 15 mmwc					
4900	500056063	10.140.30.10.60	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 1.1 kW for SAF 6000 CMH @ 30 , SAF 6000 CMH @ 20 mmwc, EAF 7500 CMH @ 15 mmwc & EAF 15000 CMH @ 10 mmwc					
4910	500056064	10.140.30.10.70	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 0.75 kW for SAF 4000 CMH @ 30 & EAF 10000 CMH @ 10 mmwc					
4920	500056065	10.140.30.10.80	3	SET	2610.00	7830.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 0.55 kW for EAF 2000 CMH @ 15, EAF 7500 CMH @ 10 mmwc & EAF 6000 CMH @ 10 mmwc					
4930	500056066	10.140.30.10.90	3	SET	2610.00	7830.00

	Ventilation System - 415 V Motor (Upto 30 kW) - Bearings (DE & NDE) of motor 0.37 kW for EAF 2000 CMH @ 10 mmwc					
4940	500056067	10.140.30.20.10	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 22 kW for UAF Fan					
4950	500056068	10.140.30.20.20	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 9.3 kW for UAF Pump					
4960	500056069	10.140.30.20.30	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 5.5 kW for REF 50000 CMH & 40000 CMH					
4970	500056070	10.140.30.20.40	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 2.2 kW for REF 20000 CMH, SAF 10000 CMH @ 30 mmwc & EAF 15000 CMH @ 15 mmwc					
4980	500056071	10.140.30.20.50	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 1.5 kW for SAF 7500 CMH @ 30, SAF 10000 CMH @ 20 mmwc & EAF 10000 CMH @ 15 mmwc					
4990	500056072	10.140.30.20.60	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 1.1 kW for SAF 6000 CMH @ 30, SAF 6000 CMH @ 20 mmwc, EAF 7500 CMH @ 15 mmwc & EAF 15000 CMH @ 10 mmwc					
5000	500056073	10.140.30.20.70	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 0.75 kW for SAF 4000 CMH @ 30 & EAF 10000 CMH @ 10 mmwc					
5010	500056074	10.140.30.20.80	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 0.55 kW for EAF 2000 CMH @ 15, EAF 7500 CMH @ 10 mmwc & EAF 6000 CMH @ 10 mmwc					
5020	500056075	10.140.30.20.90	2	NO	870.00	1740.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Cooling Fan of motor 0.37 kW for EAF 2000 CMH @ 10 mmwc					
5030	500056076	10.140.30.30.10	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 22 kW for UAF fan					
5040	500056077	10.140.30.30.20	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 9.3 kW for UAF pump					
5050	500056078	10.140.30.30.30	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 5.5 kW for REF 50000 CMH & 40000 CMH					
5060	500056079	10.140.30.30.40	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 2.2 kW for REF 20000 CMH, SAF 10000 CMH @ 30 mmwc & EAF 15000 CMH @ 15 mmwc					
5070	500056080	10.140.30.30.50	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 1.5 kW for SAF 7500 CMH @ 30, SAF 10000 CMH @ 20 mmwc & EAF 10000 CMH @ 15 mmwc					
5080	500056081	10.140.30.30.60	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 1.1 kW for SAF 6000 CMH @ 30, SAF 7500 CMH @ 20 mmwc, SAF 6000 CMH @ 20 mmwc, EAF 7500 CMH @ 15 mmwc & EAF 15000 CMH @ 10 mmwc					
5090	500056082	10.140.30.30.70	5	NO	1740.00	8700.00

	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 0.75 kW for SAF 4000 CMH @ 30, SAF 4000 CMH @ 20 mmwc & EAF 10000 CMH @ 10 mmwc					
5100	500056083	10.140.30.30.80	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 0.55 kW for EAF 2000 CMH @ 15, EAF 7500 CMH @ 10 mmwc & EAF 6000 CMH @ 10 mmwc					
5110	500056084	10.140.30.30.90	5	NO	1740.00	8700.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Motor Terminal Block of motor 0.37 kW for EAF 2000 CMH @ 10 mmwc					
5120	500056085	10.140.30.40.10	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 22 kW for UAF fan					
5130	500056086	10.140.30.40.20	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 9.3 kW for UAF pump					
5140	500056087	10.140.30.40.30	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 5.5 kW for REF 50000 CMH & 40000 CMH					
5150	500056088	10.140.30.40.40	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 2.2 kW for REF 20000 CMH, SAF 10000 CMH @ 30 mmwc & EAF 15000 CMH @ 15 mmwc					
5160	500056089	10.140.30.40.50	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 1.5 kW for SAF 7500 CMH @ 30, SAF 10000 CMH @ 20 mmwc & EAF 10000 CMH @ 15 mmwc					
5170	500056090	10.140.30.40.60	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 1.1 kW for SAF 6000 CMH @ 30, SAF 7500 CMH @ 20 mmwc, SAF 6000 CMH @ 20 mmwc, EAF 7500 CMH @ 15 mmwc & EAF 15000 CMH @ 10 mmwc					
5180	500056091	10.140.30.40.70	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Couplingof motor 0.75 kW for SAF 4000 CMH@30 , SAF 4000 CMH@20 mmwc & EAF 10000 CMH @ 10 mmwc					
5190	500056092	10.140.30.40.80	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 0.55 kW for EAF 2000 CMH@15 , EAF 7500 CMH@10 mmwc & EAF 6000 CMH @ 10 mmwc					
5200	500056093	10.140.30.40.90	1	SET	1305.00	1305.00
	Ventilation System - 415 V Motor (Upto 30 kW) - Complete SET of Coupling of motor 0.37 kW for EAF 2000 CMH@10 mmwc					
5210	500056257	4.A.1.1	8	NO	2728.00	21824.00
	EOT Crane 50 T-Long Travel Unit-Axle bearings					
5220	500056258	4.A.1.2	4	NO	4365.00	17460.00
	EOT Crane 50 T-Long Travel Unit-Gearbox bearings with sleeves					
5230	500056259	4.A.1.3	2	NO	4365.00	8730.00
	EOT Crane 50 T-Long Travel Unit-Long travel end shaft bearings					
5240	500056260	4.A.1.4	8	NO	545.00	4360.00
	EOT Crane 50 T-Long Travel Unit-Seals for travel gear box					
5250	500056261	4.A.1.5	4	NO	545.00	2180.00
	EOT Crane 50 T-Long Travel Unit-Long travel brake shoes lining with rivets					
5260	500056262	4.A.1.6	1	NO	64173.00	64173.00

	EOT Crane 50 T-Long Travel Unit-Motor					
5270	500056263	4.A.2.1	8	NO	2183.00	17464.00
	EOT Crane 50 T-Cross Travel Unit-Axle bearings					
5280	500056264	4.A.2.2	4	NO	3820.00	15280.00
	EOT Crane 50 T-Cross Travel Unit-Gearbox bearings with sleeves					
5290	500056265	4.A.2.3	3	NO	582.00	1746.00
	EOT Crane 50 T-Cross Travel Unit-Seals for gearbox					
5300	500056266	4.A.2.4	1	NO	6548.00	6548.00
	EOT Crane 50 T-Cross Travel Unit-Cross travel end shaft bearing					
5310	500056267	4.A.2.5	4	NO	437.00	1748.00
	EOT Crane 50 T-Cross Travel Unit-Cross travel brake shoes lining					
5320	500056268	4.A.2.6	1	NO	23656.00	23656.00
	EOT Crane 50 T-Cross Travel Unit-Motor					
5330	500056269	4.A.3.1	14	NO	624.00	8736.00
	EOT Crane 50 T-Main Hoist-Main Hoist pulley bearings					
5340	500056270	4.A.3.2	4	NO	8731.00	34924.00
	EOT Crane 50 T-Main Hoist-Bearings for gear box					
5350	500056271	4.A.3.3	3	NO	2183.00	6549.00
	EOT Crane 50 T-Main Hoist-Seals for gearbox					
5360	500056272	4.A.3.4	4	NO	5457.00	21828.00
	EOT Crane 50 T-Main Hoist-Aux. hoist gearbox bearings					
5370	500056273	4.A.3.5	3	NO	1455.00	4365.00
	EOT Crane 50 T-Main Hoist-Aux. hoist gearbox seals					
5380	500056274	4.A.3.6	8	NO	818.00	6544.00
	EOT Crane 50 T-Main Hoist-Main & Aux. hoist brake shoes					
5390	500056275	4.A.3.7	8	NO	273.00	2184.00
	EOT Crane 50 T-Main Hoist-Main & Aux. hoist brake springs					
5400	500056276	4.A.3.8	16	NO	218.00	3488.00
	EOT Crane 50 T-Main Hoist-Main & Aux. hoist brake shoe liners					
5410	500056277	4.A.3.9	1	NO	171195.00	171195.00
	EOT Crane 50 T-Main Hoist-Motor for Main Hoist					
5420	500056278	4.A.4.1	8	NO	1365.00	10920.00
	EOT Crane 50 T-Electrical: Control Panels / Motors-Fixed + Moving + spring for Contactors					
5430	500056279	4.A.4.2	1	NO	54568.00	54568.00
	EOT Crane 50 T-Electrical: Control Panels / Motors-ATV 71 VVVF Drive (41 KW)					
5440	500056280	4.A.5.1.1	10	NO	437.00	4370.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Complete assembly					
5450	500056281	4.A.5.1.2	20	NO	218.00	4360.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Contact element (1NO + 1NC) block					
5460	500056282	4.A.5.2	10	NO	349.00	3490.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Selector switch					
5470	500056283	4.A.5.3	10	NO	306.00	3060.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Indicating lamps complete assembly					
5480	500056284	4.A.5.4	10	NO	262.00	2620.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Mimic lamps					
5490	500056285	4.A.5.5	12	NO	1092.00	13104.00

	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-MCB					
5500	500056286	4.A.5.6	2	NO	1092.00	2184.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Door limit switch					
5510	500056287	4.A.5.8	25	NO	262.00	6550.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Lamp box with facia & lamps (LED type)					
5520	500056288	4.A.5.9	1	NO	1310.00	1310.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-Hooter					
5530	500056289	4.A.6.1	1	NO	74637.00	74637.00
	EOT Crane 50 T-Control Panel / Desk mounted item-Push Button-ATV310 VVVF Drive (2.2KW)					
5540	500056290	4.A.7.1	1	NO	8731.00	8731.00
	EOT Crane 50 T-415 V motor (above 30 kW rating)-End shield cover driving & non-driving end					
5550	500056291	4.A.7.2	2	NO	5457.00	10914.00
	EOT Crane 50 T-415 V motor (above 30 kW rating)-Driving end & Non-driving end bearing					
5560	500056292	4.A.7.3	1	NO	13096.00	13096.00
	EOT Crane 50 T-415 V motor (above 30 kW rating)-Cooling Fan					
5570	500056293	4.A.7.4	1	NO	15279.00	15279.00
	EOT Crane 50 T-415 V motor (above 30 kW rating)-Motor space heater					
5580	500056294	4.A.7.5	1	NO	8731.00	8731.00
	EOT Crane 50 T-415 V motor (above 30 kW rating)-Motor terminal block					
5590	500056295	4.A.7.6	1	NO	48030.00	48030.00
	EOT Crane 50 T-415 V motor (above 30 kW rating)-Complete set of coupling					
5600	500056296	4.A.8.1	6	NO	1164.00	6984.00
	EOT Crane 50 T-415 V motor (Upto 30 kW rating)-Driving end & Non-driving end bearing					
5610	500056297	4.A.8.2	4	NO	2183.00	8732.00
	EOT Crane 50 T-415 V motor (Upto 30 kW rating)-Cooling Fan					
5620	500056298	4.A.8.3	10	NO	1092.00	10920.00
	EOT Crane 50 T-415 V motor (Upto 30 kW rating)-Motor terminal block					
5630	500056299	4.A.8.4	3	NO	10976.00	32928.00
	EOT Crane 50 T-415 V motor (Upto 30 kW rating)-Complete set of coupling					
5640	500056300	4.A.9.1	1	NO	1500.00	1500.00
	EOT Crane 50 T-Other Spares-Main Switch at OP Floor (100 Amp)					
5650	500056301	4.A.9.2	1	NO	1500.00	1500.00
	EOT Crane 50 T-Other Spares-Main Switch on crane near corrent collector (100 Amps)					
5660	500056302	4.A.9.3	1	NO	1500.00	1500.00
	EOT Crane 50 T-Other Spares-Main Switch on crane (100 Amp)					
5670	500056303	4.A.9.4	1	NO	10000.00	10000.00
	EOT Crane 50 T-Other Spares-Control Transformer (500 VA)					
5680	500056304	4.A.9.5	1	NO	10000.00	10000.00
	EOT Crane 50 T-Other Spares-Lighting Transformer (3KVA)					
5690	500056305	4.A.9.6	1	NO	10000.00	10000.00
	EOT Crane 50 T-Other Spares-24 V Transformer (100 VA)					
5700	500056306	4.B.1.1	8	NO	2728.00	21824.00
	EOT Crane - 45 T-Long Travel Unit-Axle bearings					
5710	500056307	4.B.1.2	4	NO	4365.00	17460.00

	EOT Crane - 45 T-Long Travel Unit-Gearbox bearings with sleeves					
5720	500056308	4.B.1.3	2	NO	4365.00	8730.00
	EOT Crane - 45 T-Long Travel Unit-Long travel end shaft bearings					
5730	500056309	4.B.1.4	8	NO	545.00	4360.00
	EOT Crane - 45 T-Long Travel Unit-Seals for travel gear box					
5740	500056310	4.B.1.5	4	NO	545.00	2180.00
	EOT Crane - 45 T-Long Travel Unit-Long travel brake shoes lining with rivets					
5750	500056311	4.B.1.6	1	NO	64173.00	64173.00
	EOT Crane - 45 T-Long Travel Unit-Motor					
5760	500056312	4.B.2.1	8	NO	2183.00	17464.00
	EOT Crane - 45 T-Cross Travel Unit-Axle bearings					
5770	500056313	4.B.2.2	4	NO	3820.00	15280.00
	EOT Crane - 45 T-Cross Travel Unit-Gearbox bearings with sleeves					
5780	500056314	4.B.2.3	3	NO	582.00	1746.00
	EOT Crane - 45 T-Cross Travel Unit-Seals for gearbox					
5790	500056315	4.B.2.4	1	NO	6548.00	6548.00
	EOT Crane - 45 T-Cross Travel Unit-Cross travel end shaft bearing					
5800	500056316	4.B.2.5	4	NO	437.00	1748.00
	EOT Crane - 45 T-Cross Travel Unit-Cross travel brake shoes lining					
5810	500056317	4.B.2.6	1	NO	23656.00	23656.00
	EOT Crane - 45 T-Cross Travel Unit-Motor					
5820	500056318	4.B.3.1	14	NO	624.00	8736.00
	EOT Crane - 45 T-Main Hoist-Main Hoist pulley bearings					
5830	500056319	4.B.3.2	4	NO	8731.00	34924.00
	EOT Crane - 45 T-Main Hoist-Bearings for gear box					
5840	500056320	4.B.3.3	3	NO	2183.00	6549.00
	EOT Crane - 45 T-Main Hoist-Seals for gearbox					
5850	500056321	4.B.3.4	4	NO	5457.00	21828.00
	EOT Crane - 45 T-Main Hoist-Aux. hoist gearbox bearings					
5860	500056322	4.B.3.5	3	NO	1455.00	4365.00
	EOT Crane - 45 T-Main Hoist-Aux. hoist gearbox seals					
5870	500056323	4.B.3.6	8	NO	818.00	6544.00
	EOT Crane - 45 T-Main Hoist-Main & Aux. hoist brake shoes					
5880	500056324	4.B.3.7	8	NO	273.00	2184.00
	EOT Crane - 45 T-Main Hoist-Main & Aux. hoist brake springs					
5890	500056325	4.B.3.8	16	NO	218.00	3488.00
	EOT Crane - 45 T-Main Hoist-Main & Aux. hoist brake shoe liners					
5900	500056326	4.B.3.9	1	NO	171195.00	171195.00
	EOT Crane - 45 T-Main Hoist-Motor for Main Hoist					
5910	500056327	4.B.4.1	8	NO	1365.00	10920.00
	EOT Crane - 45 T-Electrical: Control Panels / Motors-Fixed + Moving + spring for Contactors					
5920	500056328	4.B.4.2	1	NO	54568.00	54568.00
	EOT Crane - 45 T-Electrical: Control Panels / Motors-ATV 71 VVVF Drive (42 KW)					
5930	500056329	4.B.5.1.1	10	NO	437.00	4370.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-Complete assembly					
5940	500056330	4.B.5.1.2	20	NO	218.00	4360.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-Contact element (1NO + 1NC) block					
5950	500056331	4.B.5.2	10	NO	349.00	3490.00

	EOT Crane - 45 T-Selector switch					
5960	500056332	4.B.5.3	10	NO	306.00	3060.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-Indicating lamps complete assembly					
5970	500056333	4.B.5.4	10	NO	262.00	2620.00
	EOT Crane - 45 T-Mimic lamps					
5980	500056334	4.B.5.5	12	NO	1092.00	13104.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-MCB					
5990	500056335	4.B.5.6	2	NO	1092.00	2184.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-Door limit switch					
6000	500056336	4.B.5.8	25	NO	262.00	6550.00
	EOT Crane - 45 T-Lamp box with facia & lamps (LED type)					
6010	500056337	4.B.5.9	1	NO	1310.00	1310.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-Hooter					
6020	500056338	4.B.6.1	1	NO	74637.00	74637.00
	EOT Crane - 45 T-Control Panel / Desk mounted item-Push Button-ATV310 VVVF Drive (2.2 KW)					
6030	500056339	4.B.7.1	1	NO	8731.00	8731.00
	EOT Crane - 45 T-415 V motor (above 30 kW rating)-End shield cover driving & non-driving end					
6040	500056340	4.B.7.2	2	NO	5457.00	10914.00
	EOT Crane - 45 T-Driving end & Non-driving end bearing					
6050	500056341	4.B.7.3	1	NO	13096.00	13096.00
	EOT Crane - 45 T-415 V motor (above 30 kW rating)-Cooling Fan					
6060	500056342	4.B.7.4	1	NO	15279.00	15279.00
	EOT Crane - 45 T-415 V motor (above 30 kW rating)-Motor space heater					
6070	500056343	4.B.7.5	1	NO	8731.00	8731.00
	EOT Crane - 45 T-415 V motor (above 30 kW rating)-Motor terminal block					
6080	500056344	4.B.7.6	1	NO	48030.00	48030.00
	EOT Crane - 45 T-415 V motor (above 30 kW rating)-Complete set of coupling					
6090	500056345	4.B.8.1	6	NO	1164.00	6984.00
	EOT Crane - 45 T-415 V motor (Upto 30 kW rating)-Driving end & Non-driving end bearing					
6100	500056346	4.B.8.2	4	NO	2183.00	8732.00
	EOT Crane - 45 T-415 V motor (Upto 30 kW rating)-Cooling Fan					
6110	500056347	4.B.8.3	10	NO	1092.00	10920.00
	EOT Crane - 45 T-415 V motor (Upto 30 kW rating)-Motor terminal block					
6120	500056348	4.B.8.4	3	NO	10976.00	32928.00
	EOT Crane - 45 T-415 V motor (Upto 30 kW rating)-Complete set of coupling					
6130	500056349	4.B.9.1	1	NO	1500.00	1500.00
	EOT Crane - 45 T-Other Spares-Main Switch at OP Floor (100 Amp)					
6140	500056350	4.B.9.2	1	NO	1500.00	1500.00
	EOT Crane - 45 T-Other Spares-Main Switch on crane near corrent collector (100 Amps)					
6150	500056351	4.B.9.3	1	NO	1500.00	1500.00
	EOT Crane - 45 T-Other Spares-Main Switch on crane (100 Amp)					
6160	500056352	4.B.9.4	1	NO	10000.00	10000.00
	EOT Crane - 45 T-Other Spares-Control Transformer (500 VA)					
6170	500056353	4.B.9.5	1	NO	10000.00	10000.00
	EOT Crane - 45 T-Other Spares-Lighting Transformer (3KVA)					

6180	500056354	4.B.9.6	1	NO	10000.00	10000.00
	EOT Crane - 45 T-Other Spares-24 V Transformer (100 VA)					
6190	500057355	70.01	1	NO	21800.00	21800.00
	Elevators - Contactors - SCHNIDER 25A/415V					
6200	500057356	70.02	3	NO	2180.00	6540.00
	Elevators - Relays (OEN 24 V DC-2 Nos. & 110V AC-1 No.)					
6210	500057357	70.03	1	NO	29430.00	29430.00
	Elevators - Resistors - Yasdee 75 OHM/1500 W					
6220	500057358	70.04	1	NO	2180.00	2180.00
	Elevators - Capacitors (Techno 35MFD, 220V DC)					
6230	500057359	70.05	1	NO	98110.00	98110.00
	Elevators - Electronic Control Card - Techno ELF-17					
6240	500057360	70.06.01	6	NO	18530.00	111180.00
	Elevators - Lift Car - Fixed Contact Assembly - Fermator					
6250	500057361	70.06.02	6	NO	14170.00	85020.00
	Elevators - Lift Car - Moving Contact Assmebly - Fermator					
6260	500057362	70.06.03	4	NO	11990.00	47960.00
	Elevators - Lift Car - Operating Lever - fermator					
6270	500057363	70.06.04	5	NO	5450.00	27250.00
	Elevators - Lift Car - Roller & Tyre - Fermator					
6280	500057364	70.06.05	1	NO	6870.00	6870.00
	Elevators - Lift Car - Dry Reed switch					
6290	500057365	70.06.06	1	NO	38160.00	38160.00
	Elevators - Lift Car - Cam arrangement					
6300	500057366	70.06.07	2	NO	5450.00	10900.00
	Elevators - Lift Car - Roller assembly					
6310	500057367	70.06.08	2	SET	16350.00	32700.00
	Elevators - Lift Car - Set of Over Travel Limit Switch - Honeywell ZLDAOIARY					
6320	500057368	70.07.01	10	NO	18530.00	185300.00
	Elevators - Entrances - Fixed Contact Assembly - Fermator					
6330	500057369	70.07.02	10	NO	14170.00	141700.00
	Elevators - Entrances - Moving Contact Assmebly - Fermator					
6340	500057370	70.07.03	10	NO	11990.00	119900.00
	Elevators - Entrances - Lock arm assembly - Fermator					
6350	500057371	70.07.04	6	NO	5450.00	32700.00
	Elevators - Entrances - Roller tyre - Fermator					
6360	500057372	70.07.05	10	NO	5450.00	54500.00
	Elevators - Entrances - Landing Push Button station C/W push & cover plate - HRL/24V					
6370	500057373	70.08.01	12	NO	5450.00	65400.00
	Elevators - Miscellaneous - Push button to suit car and landing push stations - HRL/24V					
6380	500057374	70.08.02	12	NO	6540.00	78480.00
	Elevators - Miscellaneous - Indicator units to suit car and landing indicators - Techno/24V					
6390	500057375	70.08.03	2	NO	21800.00	43600.00
	Elevators - Miscellaneous - Emergency battery unit - Exide 18 AH, 12V					
6400	500057376	70.09.01	6	SET	16350.00	98100.00
	Elevators - Winding Unit - Set of brake shoe lining with revets - Techno					
6410	500057377	70.09.02	2	NO	40320.00	80640.00
	Elevators - Winding Unit - Brake Coil - Techno					
6420	500057378	70.09.03	1	SET	27250.00	27250.00

	Elevators - Winding Unit - Set of bearings for all motors					
6430	500057379	70.09.04	2	NO	14610.00	29220.00
	Elevators - Winding Unit - Micro Switches - Techno					
6440	500057380	70.09.05	1	LOT	38110.00	38110.00
	Elevators - Winding Unit - Trailing cable - Elevator(1 LOT of 152 Mtrs.)					
6450	500057381	70.10	2	NO	15000.00	30000.00
	Elevators - Control Rectifier - 110V/12V DC TECHNO					
6460	500057382	70.11	1	NO	30000.00	30000.00
	Elevators - Hoist Motors- BBL 10 HP					
					Total Amount :	**Rs. 12,289,999.70**

Total Amount in Words : RUPEES ONE CRORE TWENTYTWO LAKH EIGHTYNINE THOUSAND NINE HUNDRED NINETYNINE AND PAISE SEVENTY ONLY

Chief Engineer (Thermal Projects Construction)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Thermal Projects Construction)
3rd floor, A- Block, TGGENCO,Vidyut Soudha
Hyderabad-500082
Telangana

GSTIN .:
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
TRANSFORMER COMMERCIAL DEPARTMENT
P.O.BHEL

JHANSI 284129, Uttar Pradesh
Phone No:0510-2412641
Fax No:0510-2412115

Vendor Code : 111595
GSTIN : 09AAACB4146P2ZC

PO No: 5300000608 CE/TPC / SE/TPC I / EME I / D51 / 2017 - 18 / / DT. 06.06.2017

Kind Attn: Sri Ashim Kumar/Dy.General Manager(LMC)

Dear Sir,

Sub: KTPS Stage-VII (1x800 MW), Unit-12 # Detailed Billing Breakup (Rev.01)for supply of Locomotives of M/s BHEL/ Jhansi Scope - Approval accorded # Reg.

Ref: 1. Contract No. 30000000003, Dt. 30.12.2014.
2. Contract No. 30000000004, Dt. 30.12.2014.
3. PO NO:5300000608 CE/TPC/SE/TPCI/EME1/D52/D.NO 98 DT:06.06.2017. (Rev.00).
4.Lr. No. CE/TPC/SE/TPC1/EME-1/F.Broad BBU/D.No.173/18, Dt:06.10.18 (Broad BBU Rev.14).
5. BHEL/Jhansi Letter:BHE/JHS/LMC/WO 80253A Dtd:10.10.2018

* * * * *

As per the approval of Broad Billing Break up Rev.14 accorded vide reference 4th cited, the detailed Billing Breakup (Rev 01) requested vide ref (5)cited pertaining to Jhansi/ Locomotives scope of supplies, has been reviewed and approved as per Annexure-I enclosed subject to the terms and conditions mentioned hereunder:
(i) The Taxes and duties shall be paid as per the Purchase Orders.
(ii) The detailed BBU is issued subject to the terms & conditions as mentioned in Annexure-VII of the Purchase Orders 1st & 2nd cited.
(iii) Delivery Note and Invoice submitted by M/s BHEL must contain Contract No.3000000003 for Supply and Contract No 3000000004 for Freight, Erection & Commissioning, Release P.O Number (BBU P.O), P.O Line Item Numbers, P.O Material Number as per Annexure-1 of Release P.O, for speedy processing of invoices and payments.
(iv) To arrange to submit the O&M Manuals of equipments in hard copies and in the form of CDs as per the distribution schedule at least (3) three months prior to commissioning of the unit.

Encl: Annexure-1

Yours faithfully,

Chief Engineer/TPC

Copy to:

1. The Chief Engineer/O&M/KTPS/Paloncha/Bhadrari Kothagudem Dist.-507 115.
2. The FA & CCA(Res) & CFO/TSGENCO/Vidyut Soudha/Hyderabad-082
3. The FA & CCA(Accounts) /TSGENCO/Vidyut Soudha/Hyderabad-082
4. The Superintending Engineer/E&M-I/KTPS Stage-VII/Paloncha/ Bhadrari Kothagudem Dist.- 507 115.
5. The Superintending Engineer/E&M-II/KTPS Stage-VII/Paloncha/ Bhadrari Kothagudem Dist.- 507 115.
6. The Dy.CCA/KTPS (O&M)/Paloncha/Bhadrari Kothagudem Dist.- 507 115.
7. The Senior Accounts Officer-II/KTPS (O&M)/Paloncha/Bhadrari Kothagudem Dist.-507 115.
8. The Senior Accounts Officer/Pay & Accounts/TSGENCO/Vidyut Soudha/Hyderabad - 500 082
9. Sri S.C. Varma,Sr. DGM/ PS-Mktg-BHEL House, Sri Fort, New Delhi - 110049

Annexure - 1

PO No: 5300000608 CE/TPC / SE/TPC I / EME I / D51 / 2017 - 18 / / DT.06.06.2017

Contract No: 3000000003 Item No: 20

S.No.	Material Code (HSN Code) Description	Vendor Material BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
10	500022492	1	3	NO	30000000.00	90000000.00
	800HP (TPP) Diesel Electric Shunting Locomotive with all accessories.					

Contract No: 3000000004 Item No: 60

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
20	Freight Charges					
20.1	Fr Charges	1	3.000	NO	484,207.33	1,452,621.99
					Total Amount :	**Rs. 91,452,621.99**

Total Amount in Words : RUPEES NINE CRORE FOURTEEN LAKH FIFTYTWO THOUSAND SIX HUNDRED TWENTYONE AND PAISE NINETYNINE ONLY

Chief Engineer (Thermal Projects Construction)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Thermal Projects Construction)
A- Block ,TSGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI
620014, Tamilnadu
Phone No:04312577547

GSTIN .: 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

Vendor Code : 107440
GSTIN : 33AAACB4146P2ZL

PO No: 5300000894 /CE/TPC / SE/TPC II / EME IV / D61 / 2018 - 19 / / DT. 27.11.2018

****Kind Attention Sri Balasubramanian,DGM/Spares Business/BHEL/Trichy****

Sub:TSGENCO-KTPS VII(1X800MW)-Supply of C&I Additional Mandatory spares -Detailed BBU Approval-Reg.

Ref:1.Contract No. 3000000019/CE/TPC/SE/TPC II/EME IV/D61/D.No.250,Dated:11.10.2018.
2.BHEL Trichy Letter Ref No:SB/Kothagudem TPS 1X800 MW/ ADDL C&I Spares/73011713,dated:25.09.2018.

****

As per M/s BHEL/Trichy letter 2nd cited above,regarding request for detailed Billing Break up (Rev.00) approval,the detailed BBU have been reviewed and approved as per Annexure-I enclosed subject to the terms and conditions mentioned hereunder:
i. The Taxes and duties shall be paid as per the Contract .
ii. The detailed BBU is issued subject to the terms & conditions as mentioned in the contract.
orders 1st & 2nd cited.
iii) Delivery Note and Invoice submitted by M/s BHEL must contain Contract No.3000000019 for Supply and for Freight.Release P.O Number (BBU P.O), P.O Line Item Numbers, P.O Material Number as per Annexure-1 of Release P.O, for speedy processing of invoices and
payments.
Encl: Annexure-1

Yours faithfully,

Cheif Engineer/TPC

CC:
1. The Chief Engineer KTPS/(O&M)/Paloncha,Bhadradri Kothagudem Dist, Telangana -507115.
2. FA & CCA(res) & CFO/TSGENCO/ Vidyut Soudha/Hyderabad.
3. SE/TPC-1/ O/o CE/TPC/TSGENCO/ Vidyut Soudha/Hyderabad.
4. SE/E&M/ KTPS/ Paloncha,Bhadradri Kothagudem Dist, Telangana -507115.
5.DY.CCA to Director (Finance) /TSGENCO/ Vidyut Soudha /Hyderabad.
6. SAO/Pay& Accounts/ TSGENCO/ Vidyut Soudha/Hyderabad
7. SAO/KTPS O&M/ Paloncha,Bhadradri Kothagudem Dist, Telangana -507115.
8.ADE/Stores & Transport/ KTPS/O&M,Paloncha,Bhadradri Kothagudem Dist, Telangana -507115.
9. Pay Officer/TSGENCO/ Vidyut Soudha/Hyderabad
10. Spare

Annexure - 1

PO No: 5300000894 /CE/TPC / SE/TPC II / EME IV / D61 / 2018 - 19 / / DT.27.11.2018

Contract No: 3000000019 Item No: 10

S.No.	Material Code (HSN Code) Description	Vendor Material BBU No.	Qty.	UOM	Unit Price (INR)	Total Value (INR)
10	500036368 (8402)	II.1.1	1	NO	111817.00	111817.00
	PWR CYL_CAD(PCD-06X08)-Act Diaphrm					
20	500036369 (8402)	II.1.2	1	NO	199423.00	199423.00
	PWR CYL_ HAD (PCD-10X16)-Act Diaphrm					
30	500036370 (8402)	II.1.3	1	NO	111816.00	111816.00
	PWR CYL_ PA FAN (PCD-04X08)- Act Diaphrm					
40	500036371 (8402)	II.1.4	1	NO	111816.00	111816.00
	PWR CYL_ FD FAN (PCD-04X08) -Act Diaphrm					
50	500036372 (8402)	II.1.5	1	NO	111818.00	111818.00
	PWR CYL_ ID FAN (PCD-04X08)- Act Diaphrm					
60	500036373 (8402)	II.2.1	2	SET	34346.00	68692.00
	SEAL KIT FOR CAD (PCD-06X08)					
70	500036374 (8402)	II.2.2	2	SET	34347.00	68694.00
	SEAL KIT FOR HAD (PCD-10X16)					
80	500036375 (8402)	II.2.3	2	SET	34347.00	68694.00
	SEAL KIT FOR PA /FD/ID FAN(PCD-04X08)					
90	500036376 (8402)	II.3.1	1	NO	53295.00	53295.00
	LINKAGE ROD FOR CAD (PCD-06X08)					
100	500036377 (8402)	II.3.2	1	NO	71059.00	71059.00
	LINKAGE ROD FOR HAD (PCD-10X16)					
110	500036378 (8402)	II.3.3	1	NO	53236.00	53236.00
	LINKAGE ROD FOR PA/FD/ID FAN(PCD-04X08)					
120	500036379 (8402)	D.1.1	2	NO	40420.00	80840.00
	Root val-3/4-C3000LTD-SV-SW-HO-F91					
130	500036380 (8402)	D.1.2	2	NO	40420.00	80840.00
	Root valves-3/4-C3000SPL-SV-SW-HO-F91					
140	500036381 (8402)	D.1.3	2	NO	40420.00	80840.00
	Root valves-3/4-C2500-SV-SW-HO-A105					
150	500036382 (8402)	D.1.4	2	NO	40420.00	80840.00
	Root valves-3/4-C3000SPL-SV-SW-HO-A105					
160	500036383 (8402)	D.1.5	2	NO	40420.00	80840.00
	Globe Valve - Model No . MGV15-15-AS22					
170	500036384 (8402)	D.2.1	2	SET	3000.00	6000.00
	PCKG CTD-5734_3/4-C3000LTD-SV-SW-HO-F91					
180	500036385 (8402)	D.2.2	4	NO	1500.00	6000.00
	BULL RING(for3/4-C3000LTD-SV-SW-HO-F91)					
190	500036386 (8402)	D.2.3	2	SET	3000.00	6000.00
	PCKG CTD-5734_3/4-C3000SPL-SV-SW-HO-F91					
200	500036387 (8402)	D.2.4	4	NO	1500.00	6000.00
	BULL RING_3/4-C3000SPL-SV-SW-HO-F91					
210	500036388 (8402)	D.2.5	2	SET	3000.00	6000.00
	PCKG CTD-5734_3/4-C2500-SV-SW-HO-A105					
220	500036389 (8402)	D.2.6	4	NO	1500.00	6000.00

	BULL RING_3/4-C2500-SV-SW-HO-A105					
230	500036390 (8402)	D.2.7	2	SET	3000.00	6000.00
	PCKG CTD-5734_3/4-C3000SPL-SV-SW-HO-A105					
240	500036391 (8402)	D.2.8	4	NO	1500.00	6000.00
	BULL RING_3/4-C3000SPL-SV-SW-HO-A105					
250	500036392 (8402)	D.2.9	2	SET	3000.00	6000.00
	GLAND PKNG_MGV15-15-AS22					
260	500036393 (8402)	P.1.1	1	NO	1689800.00	1689800.00
	HIGH TEMP CAMERA with fixing acces					
270	500036394 (8402)	P.2.1	1	NO	187790.00	187790.00
	CAMERA CONTROL BOX					
280	500036395 (8402)	V.1.1	4	NO	141485.00	565940.00
	STLD SENSOR ASSY					
290	500036396 (8402)	V.2.1	2	NO	61550.00	123100.00
	ALARM PROCESSING MODULE					
300	500036397 (8402)	V.2.2	2	NO	68874.00	137748.00
	SIGNAL PROCESSING MODULE					
310	500036398 (8402)	V.2.3	2	NO	115498.00	230996.00
	POWER SUPPLY UNIT (ASLD)					
320	500036399 (8402)	V.2.4	3	NO	61550.00	184650.00
	FIELD AMPLIFIER MODULE (ASLD)					
330	500036400 (8402)	V.2.5	4	NO	61550.00	246200.00
	BHELSONIC SENSOR MODULE (ASLD)					
340	500036401 (8402)	V.2.6	2	NO	86623.00	173246.00
	MOTHER BOARD WITH CABLE (ASLD)					
350	500036402 (8402)	V.3.1	1	NO	141480.00	141480.00
	32 CHANNEL DB SCANNER MDL_RS CONVERTOR					
360	500036403 (8402)	V.3.2	1	NO	60634.00	60634.00
	AUDIO CHANNEL SELECTOR (ASLD)					
370	500036404 (8402)	V.3.3	1	NO	80846.00	80846.00
	CALIBRATOR (ASLD)					
380	500036405 (8402)	W.1.1	9	NO	44577.00	401193.00
	24 WAY FRP JB WITH CANOPY					
390	500036406 (8402)	W.1.2	8	NO	52039.00	416312.00
	48 WAY FRP JB WITH CANOPY					
400	500036407 (8402)	W.1.3	5	NO	62447.00	312235.00
	72 WAY FRP JB WITH CANOPY					
410	500036408 (8402)	W.1.4	2	NO	44755.00	89510.00
	24 WAY MTM FRP JB WITH CANOPY					
420	500036409 (8402)	W.1.5	4	NO	52039.00	208156.00
	48 WAY MTM FRP JB WITH CANOPY					
430	500036410 (8402)	W.1.6	2	NO	62447.00	124894.00
	72 WAY MTM FRP JB WITH CANOPY					
440	500036411 (8402)	W.2.1	1	SET	6710.00	6710.00
	TERMINAL BLOCKS FOR JB					
S.No.	**Service Description (SAC)**	**Service BBU No**	**Qty**	**UOM**	**Unit Price (INR)**	**Total Value (INR)**
450	Frieght_GST18% (8402)					
450.1	Frt_PWR CYL_CAD(PCD-06X08)-Act Diaphrm	II.1.1	1.000	NO	3,255.00	3,255.00
		II.1.2				

450.2	Frt_PWR CYL_ HAD (PCD-10X16)-Act Diaphrm		1.000	NO	5,805.00	5,805.00
450.3	Frt_PWR CYL_ PA FAN (PCD-04X08)- Act Dia	II.1.3	1.000	NO	3,255.00	3,255.00
450.4	Frt_PWR CYL_ FD FAN (PCD-04X08) -Act Dia	II.1.4	1.000	NO	3,255.00	3,255.00
450.5	Frt_PWR CYL_ ID FAN (PCD-04X08)- Act Dia	II.1.5	1.000	NO	3,255.00	3,255.00
450.6	Frt_SEAL KIT FOR CAD (PCD-06X08)	II.2.1	2.000	SET	1,000.00	2,000.00
450.7	Frt_SEAL KIT FOR HAD (PCD-10X16)	II.2.2	2.000	SET	1,000.00	2,000.00
450.8	Frt_SEAL KIT FOR PA /FD/ID FAN(PCD-04X0	II.2.3	2.000	SET	1,000.00	2,000.00
450.9	Frt_LINKAGE ROD FOR CAD (PCD-06X08)	II.3.1	1.000	NO	1,551.00	1,551.00
450.10	Frt_LINKAGE ROD FOR HAD (PCD-10X16)	II.3.2	1.000	NO	2,069.00	2,069.00
450.11	Frt_LINKAGE ROD FOR PA/FD/ID FAN(PCD-04X	II.3.3	1.000	NO	1,550.00	1,550.00
450.12	Frt_Root val-3/4-C3000LTD-SV-SW-HO-F91	D.1.1	2.000	NO	1,177.00	2,354.00
450.13	Frt_Root valves-3/4-C3000SPL-SV-SW-HO-F9	D.1.2	2.000	NO	1,177.00	2,354.00
450.14	Frt_Root valves-3/4-C2500-SV-SW-HO-A105	D.1.3	2.000	NO	1,177.00	2,354.00
450.15	Frt_Root valves-3/4-C3000SPL-SV-SW-HO-A1	D.1.4	2.000	NO	1,177.00	2,354.00
450.16	Frt_Globe Valve - Model No . MGV15-15-AS	D.1.5	2.000	NO	1,177.00	2,354.00
450.17	Frt_PCKG CTD-5734_3/4-C3000LTD-SV-SW-HO-	D.2.1	2.000	SET	87.00	174.00
450.18	Frt_BULL RING(for3/4-C3000LTD-SV-SW-HO-F	D.2.2	4.000	NO	44.00	176.00
450.19	Frt_PCKG CTD-5734_3/4-C3000SPL-SV-SW-HO-	D.2.3	2.000	SET	87.00	174.00
450.20	Frt_BULL RING_3/4-C3000SPL-SV-SW-HO-F91	D.2.4	4.000	NO	44.00	176.00
450.21	Frt_PCKG CTD-5734_3/4-C2500-SV-SW-HO-A10	D.2.5	2.000	SET	87.00	174.00
450.22	Frt_BULL RING_3/4-C2500-SV-SW-HO-A105	D.2.6	4.000	NO	44.00	176.00
450.23	Frt_PCKG CTD-5734_3/4-C3000SPL-SV-SW-HO-	D.2.7	2.000	SET	87.00	174.00
450.24	Frt_BULL RING_3/4-C3000SPL-SV-SW-	D.2.8	4.000	NO	44.00	176.00

	HO-A105					
450.25	Frt_GLAND PKNG_MGV15-15-AS22	D.2.9	2.000	SET	87.00	174.00
450.26	Frt_HIGH TEMP CAMERA with fixing acces	P.1.1	1.000	NO	49,190.00	49,190.00
450.27	Frt_CAMERA CONTROL BOX	P.2.1	1.000	NO	5,467.00	5,467.00
450.28	Frt_STLD SENSOR ASSY	V.1.1	4.000	NO	4,119.00	16,476.00
450.29	Frt_ALARM PROCESSING MODULE	V.2.1	2.000	NO	1,792.00	3,584.00
450.30	Frt_SIGNAL PROCESSING MODULE	V.2.2	2.000	NO	2,005.00	4,010.00
450.31	Frt_POWER SUPPLY UNIT (ASLD)	V.2.3	2.000	NO	3,362.00	6,724.00
450.32	Frt_FIELD AMPLIFIER MODULE (ASLD)	V.2.4	3.000	NO	1,792.00	5,376.00
450.33	Frt_BHELSONIC SENSOR MODULE (ASLD)	V.2.5	4.000	NO	1,792.00	7,168.00
450.34	Frt_MOTHER BOARD WITH CABLE (ASLD)	V.2.6	2.000	NO	2,522.00	5,044.00
450.35	Frt_32 CHANNEL DB SCANNER MDL_RS CONVERT	V.3.1	1.000	NO	4,124.00	4,124.00
450.36	Frt_AUDIO CHANNEL SELECTOR (ASLD)	V.3.2	1.000	NO	1,765.00	1,765.00
450.37	Frt_CALIBRATOR (ASLD)	V.3.3	1.000	NO	2,353.00	2,353.00
450.38	Frt_24 WAY FRP JB WITH CANOPY	W.1.1	9.000	NO	1,297.00	11,673.00
450.39	Frt_48 WAY FRP JB WITH CANOPY	W.1.2	8.000	NO	1,515.00	12,120.00
450.40	Frt_72 WAY FRP JB WITH CANOPY	W.1.3	5.000	NO	1,818.00	9,090.00
450.41	Frt_24 WAY MTM FRP JB WITH CANOPY	W.1.4	2.000	NO	1,303.00	2,606.00
450.42	Frt_48 WAY MTM FRP JB WITH CANOPY	W.1.5	4.000	NO	1,515.00	6,060.00
450.43	Frt_72 WAY MTM FRP JB WITH CANOPY	W.1.6	2.000	NO	1,818.00	3,636.00
450.44	Frt_TERMINAL BLOCKS FOR JB	W.2.1	1.000	SET	195.00	195.00
					Total Amount :	**Rs. 7,070,000.00**

Total Amount in Words : Rupees Seventy Lakh Seventy Thousand Only

Chief Engineer (Thermal Projects Construction)

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
Chief Engineer (CETD),
TSGENCO,
Paloncha-507115
Bhadradri Kothagudem(Dt)
Telangana

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s S K HEALTH & FITNESS
40/1/55A, 1ST FLOOR,
M G ROAD, NEAR BENZ CIRCLE,, VIJAYAWADA,
KRISHNA 520010, Andhra Pradesh(New)
Phone No:9963099199

Vendor Code : 116835
GSTIN : 37AHEPA3589R1ZP
PAN No.: AHEPA3589R

PO No: 4500029909 /CE/CETD / SE / TECH / Q02 / 2022 - 23 / / DT. 25.03.2023

Sub: TSGENCO-CETD-Div-I- Supply of Gym Equipment to utilize at Hostel of CETD - Detailed Purchase Order - Issued - Regarding.

Ref : 1. NIT.No.19/2022-23/CETD/TSGENCO/Paloncha. (Tender Id: 389051).
2. Quotation from M/s SK Health & Fitness, Vijayawada received through e-procurement portal
3. Lr.No.CE/CETD/F.No.NIT No.19/22-23/D.No.569/2023,Dt-13.03.2023
4. Your reply recived through e- mail dt:16.03.2023
5. Your Price bid opened on 21.03.2023.
6. Lr.No.CE/CETD/F.No.NIT No.19/22-23/D.No.587/2023; Dt: 23.03.2023
7. Reply from M/s SK Health & Fitness, Vijayawada received through mail dt:24.03.2023.

1 **ACCEPTANCE :**
We are pleased to confirm our acceptance to your offer and subsequent correspondence referred to above. Kindly arrange to execute the supplies strictly as per specification and quantities as indicated in Annexure-I subject to the conditions specified herein. Our General Purchase Conditions, Dispatching & Invoicing Instruction enclosed. Kindly arrange to return duplicate copy of this order duly signed and stamped within 10 days in token of having received and accepted the order.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure - I
PO Amount : Rs. 921,411.50
In words : RUPEES NINE LAKH TWENTYONE THOUSAND FOUR HUNDRED ELEVEN AND PAISE FIFTY ONLY

3 **PRICE BASIS :**
FOR: Stores/KTPS VII Stage/Paloncha

4 **PACKING & FORWARDING CHARGES :**
Inclusive. The material shall be adequately & securely packed before dispatch to withstand rough handling during transportation up to site and also prevent damage due to corrosion.

5 **CENTRAL SALES TAX /VAT/GST :**
GST Extra at actuals or as applicable at the time of dispatch of material. The present rate is GST extra @ 18% for all item. Please mention GSTIN, PAN No. and 6-digit HSN codes on the Invoice.

6 **VARIATION IN TAXES & DUTIES :**
(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO#s account, provided that the material are dispatched within the Delivery period stipulated in Clause No.13.
(b). Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated

Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER#S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

7 **FREIGHT :**
Inclusive

8 **TRANSIT INSURANCE :**
To be arranged by you or at your own cost.

9 **TERMS OF PAYMENT :**
100% payment within 30 days after receipt, verification and acceptance of material in good condition at Central stores-II/KTPS-VII Stage and after receipt of bills in triplicate duly certified by the Consignee.

10 **SECURITY DEPOSIT :**
(a) Applicable, as per clause No. 2.5 of GPC i.e. 2.5% of PO value i.e.,Rs.23,035/- (Rupees Twenty Three Thousand and Thirty Five Only). Further, the EMD paid through online payment vide Payment Id.1764249; dt:21.02.2022 in the E-Procurement Portal against NIT No.19/2022-23 cited in ref(1) for an amount of Rs.5,349/-(Rupees Five Thousand Three Hundred & Forty Nine Only)is converted as part payment towards Security Deposit Hence, please furnish balance SD amount of Rs.17,686/- (Rupees Seventeen Thousand Six Hundred Eighty Six Only)by way of DD drawn in favour of DYCCA/KTPS-VII stg/Paloncha payable at SBI Paloncha(or) otherwise the same will be deducted from the bill only.
(b) The SD will be refunded/returned, on application, after ensuring receipt of material at site in good condition in all respects and settlement of any/all pending claims request.

11 **PERFORMANCE BANK GUARANTEE :**
To be furnished as per GPC @ 10% of PO value duly covering the guarantee/ warranty period and 6 months claim period thereafter. Otherwise 10% of PO value shall be deducted from your bills. And the deducted amount will be released after 6 months from the date of supply as a special case.

12 **GUARANTEE PERIOD :**
(a)The material supplied by you against this order shall be guaranteed for satisfactory performance for a period of 1 year for item No.s 2 to 7, 16 & 21 from the date of supply, Lifetime warranty for AC Drive motor and 2 years warranty for parts & Labor for item No.1 and Item No.10 and NO warranty for item No.s 8,9,11 to 15, 17 to 20(accessories).
(b)The material supplied by you shall be free from all kinds of manufacturing defects, all such defects & any other defects noticed during the guarantee / warrantee period should be immediately rectified/ replaced by you at free of cost.
c)Guarantee Certificate covering the above Guarantee Period in respect of the subject material shall be furnished along with the material.

13 **DELIVERY PERIOD :**
The scheduled materials shall be delivered in good condition at Central Stores-II/KTPS VII Stage with in 04 weeks from the date of receipt of this purchase order.

14 **LIQUIDATED DAMAGES :**
Applicable, as per Clause No 2.8 of GPC. A sum equivalent to 0.5% of the value of delayed materials shall be deducted for each week of delay, subject to a maximum of 5% of the total value of the order.

15 **CONSIGNEE : :**
Assistant Divisional Engineer/CS-III/KTPS VII Stage

16 **SPECIAL INSTRUCTIONS :**
1) All original documents i.e original invoice (duly indicating GSTIN no. and HSN Codes), consignee copy of L/R, guarantee certificate etc. shall be sent in a separate courier/post directly to consignee i.e ADE/CS-III/KTPS VII Stage/Paloncha for taking delivery of material and regularizing transaction.
2)The materials shall be supplied in the standard/sealed OEM pack along with relevant literature/catalogue, if any.
3) For information related to delivery of materials, you may contact ADE/CS-III/KTPS VII Stage at(email id: ktps.destores@tsgenco.co.in) and for information related to status of payment, you may contact DyCCA/KTPS-VII Stage at +919490612562 (email id: ktps.dycca@tsgenco.co.in).

17 **GENERAL TERMS :**
01.Place of Dispatch : Vijayawada
02.Place of Delivery : Stores/KTPS VII Stage/Paloncha
03.Mode of Dispatch :By Road preferably through our authorized transporter.
04.Inspection : The material received against this order will be inspected by the concerned TSGENCO Engineer at Central Stores-III/KTPS-VII-Stage Paloncha.
05.Bank Charges :DD Commission Charges & if any, to your account.
06.Price Variation. : Firm & fixed, till the absolute execution of this order.

For & On behalf of TSGENCO

CHIEF ENGINEER (CETD)

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:

The Officer on Special Duty/ERP/Vidyut soudha/Hyd-for information.
The Superintending Engineer/CETD/TSGENCO.
The DY.CCA (Audit)/TSGENCO/VS/Hyderabad.
The Deputy Chief Controller of Accounts/KTPS-VII Stage.
The Audit Officer/TSGENCO/KTPS-VII Stage.
The Divisional Engineer/S&S/KTPS - VII Stage -Material may be issued duly confirming estimate sanction for T&P Item.
The Divisional Engineer-I/CETD-Please pursue with the firm till receipt of material at stores and necessary estimate sanction may be obtained before drawl of material from stores.
The Asst. Divisional Engineer/CS-III/KTPS -VII stage.
The Asst. Accounts Officer/CETD/TSGENCO.
The Asst. Engineer/Transport/KTPS - VII Stage.

Annexure - 1

PO No: 4500029909 /CE/CETD / SE / TECH / Q02 / 2022 - 23 / / DT.25.03.2023

Sub: TSGENCO-CETD-Div-I- Supply of Gym Equipment to utilize at Hostel of CETD - Detailed Purchase Order - Issued - Regarding.

S No.	Material Code (HSN) Description	UOM	Qty.	Unit Price	Per	Total Value
1	100137439 (95069190) AC MOTORISED TREAD MILL; Console:LED Display W/Integrated Reading Rack Console: Feedback:Time, Distance, speed, Elevation Calories pace Avg pace, Altitude, Laps, segment Time, Avg Heart Rate, and Heart Rate Physical Specifications Speed: 1 to 18Kms/hrs Incline:m 0 to 15% . Drive Motor: 3.0chp/6Hp peak AC Motor Decl: 1" Phenolic Silicone Lubricated Belt: 22x60", 1.5 ply (2.5T) Rollers:3.0" Cushioning:6 Cushions (rear rigid mount) Handrails:Short Lateral, incline & speed Controls on handlebars Frame: Heavy-Gauge High strength steel W/ Durable powder-coat paint Dimesions:80"x34"x56" Product weight:279lbs Maximum user weight:425lbs/192Kgs. Commercial Warranty: Life time AC Drive Motor, 2 Years on parts & Labor MAKE:SPIRIT/STEX/GYMOST	NO	2	191400.00 INR	1	382800.00
2	300001103 (95069190) ELLIPTICAL CROSS TRAINER Stride Length 20" Stride Fly wheel:12kg Heavyduty Flywheel. Handlebars: Custom Molded Handgrips on moving Arms Pedals: Cushioned, Articulating Footpad Display:2 windows 8x20 Green & Red LCD Heart Rate: Contact & wireless Heart Rate Monitoring system Resistanace Levels: 20 Levels of Resistance Fan/Speakers: Cooling Fan Shrouds: Plastic shrouds on Rear Rails Resistance controls ECB Magnetic Resistance System Max user weight 300 lbs Dimensions: 82"Lx27"Wx67"H Warranty: 1 year MAKE:AFTON/SPIRIT/STEX	NO	1	125202.00 INR	1	125202.00
3	600002821 (95069190) UPRIGHT BIKE, Power Input:DC6V/100MA Fly Wheel:6.5 Kgs CranK:165MM Setup Dimension:144*74*128cm	NO	1	59271.00 INR	1	59271.00

	Net/Gross Weight: 61/68kgs Max User weight: 100 kgs Display: Multicolor LCD (131x67mm) window With backlit and 16x16 dot matrix Display window for time, distance, calories, watts, speed, pulse and rpm. Programs built in programs for Manual,12 Programs (P1-P12), 4 user HRC Buttons for start/ Stop, reset, recovery, rotary knob for adjustment Resistance up & down Resistance level: 16 levels of resistance Warranty:1Year MAKE:AFTON/SPIRIT/STEX						
4	400000263 Commercial Multi Gym Weight stack: 2 weight stacks of 72 kgs each Exercise function: leg press, leg extension/curl Chest press pec fly/Rear delt, lat pull, Rowing Knee raise pushup stand etc., Frame: Durable powder coated finish Weight stack:24 pieces steel weight stacks, 6kg\pcs Ergonomic Design/scientific Biomechanics ARC cover for protection Dimensions:2100*2350*2100 (mm) GW:385.5 kgs; MAKE:W&Q/BODY SOLID/AFTON	(95069190)	NO	1	138176.00 INR	1	138176.00
5	400000296 DOUBLE TWISTER (SEATING & STANDING)	(95069190)	NO	1	15910.00 INR	1	15910.00
6	600003228 FID Bench-Indian (Flat, incline, decline) LXWXH: 1581X654X515mm	(95069190)	NO	1	13134.00 INR	1	13134.00
7	600002812 AB Bench-Indian LxWxH:66.3X22.4X45 inch	(95069190)	NO	1	11100.00 INR	1	11100.00
8	300001110 HEXAGON DUMBBELLS: Lowest weight is 2.5 kg per dumbbell increasing upto 50kg per dumbbell chrome handles with textured markings for comfortable firm gripping Engineered with rubber coating to endure long-term training. MAKE: ABSOLUTE	(95069190)	NO	200	153.00 INR	1	30600.00
9	200027743	(95069190)	KG	24	148.50 INR	1	3564.00

	VINYL DUMBBELLS, vinyl dumbbells with weights sold as pairs from 0.5 to 5 kg per dumbbell. MAKE:ABSOLUTE						
10	100047632	(90328910)	NO	2	2160.00 INR	1	4320.00
	STABLIZER,5KVA VOLTAGE STABILIZER Insulation Resistance :Greater than 5 Megaohms Breakdown voltage: will withstand 1.5Kv for 1 Minute Leakage current: Less then 200 Micro Amps class of insulation: class F Efficiency Greater than 95% Time Delay: ITDS/2-3 Minutes Input voltage from to 170V/280V Output voltage: 200+ or -20V Cutoff: 160V/280V Warranty: 2 years MAKE:Prodek						
11	600006302	(95069190)	NO	200	153.00 INR	1	30600.00
	PLATES IMPORTED RUBBERISED OLYMPIC PLATES Lowest weight is 2.5kg per plate increasing up to 25 kg per plate Tri gripping Engineered with rubber coating to endure long term training MAKE: ABSOLUTE						
12	600006327	(95069190)	NO	1	2415.00 INR	1	2415.00
	PLAIN ROD 28MM BARBELLS WITH SPRING LOCK 28MM ,7' FEET BARBELL						
13	600006328	(95069190)	NO	1	1725.00 INR	1	1725.00
	PLAIN ROD 28MM BARBELLS WITH SPRING LOCK 28MM, 5' FEET BARBELL						
14	600006329	(95069190)	NO	1	1380.00 INR	1	1380.00
	PLAIN ROD 28MM BARBELLS WITH SPRING LOCK 28MM, 4' FEET BARBELL						
15	600006330	(95069190)	NO	1	1518.00 INR	1	1518.00
	PLAIN ROD 28MM BARBELLS WITH SPRING LOCK 28MM, 4' FEET EZ curl Barbell with spring Lock						

16	600002816 HEXA RACK MAKE: AFTON	(95069190)	NO	1	13325.00 INR	1	13325.00
17	400001794 SWISS/ANTI BURST GYM BALL	(95069190)	NO	1	1000.00 INR	1	1000.00
18	400001807 SKIPPING ROPE	(95069190)	NO	2	200.00 INR	1	400.00
19	600004385 WEIGHING SCALE, DOMESTIC, 0-125 KGS(Digital Display)	(95069190)	NO	2	2000.00 INR	1	4000.00
20	400001806 YOGA MAT-BLACK 10mm Thickness	(95069190)	NO	5	849.30 INR	1	4246.50
21	200026193 GYM FLOOR MAT Ecoflex#s indoor Rubberized Tiles 10mm Thickness Our rubberized flooring scores high on slip resistance, saving the user from slips and falls during workouts strong durable and tough to withstand the harshest possible impact Ecoflex gymnasium flooring surfaces are seamless, non-porous, and assure high performance these surfaces are easy to wipe clean Ecoflex gymnasium flooring has high mechanical strength and elastic properties. Total:550 SQFT	(40169100)	NO	1	76725.00 INR	1	76725.00

Total Amount : **Rs. 921,411.50**

Total Amount in Words : RUPEES NINE LAKH TWENTYONE THOUSAND FOUR HUNDRED ELEVEN AND PAISE FIFTY ONLY

CHIEF ENGINEER (CETD)

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
Chief Engineer
O&M, KTPS VII Stage
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana
Phone :08744-253902,253771,252973 Fax:08744-252973
ktps.dep2@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s SAI INDUSTRIALS ENTERPRISES
19-1-66 SASTRY ROAD
HARIDHAMA BAZAR, NEW PALONCHA
BHADRADRI KOTHAGUDEM 507115, Telangana
Phone No:9676514252

Vendor Code : 116230
GSTIN : 36AMJPM5334N1ZK
PAN No.: AMJPM5334N

PO No: 4500032822 / CE/O&M/KTPS VII / DE/PUR I / K09 / 2023 - 24 / / DT. 23.02.2024

Sub: KTPS # VII Stage-Adm/Purchase- Supply of Furniture # Detailed Purchase Order # Issued - Reg.

Ref : 1. T.O.Enq.No.150/23-24/CE/O&M/KTPS-VII Stage/DE/Pur/P42/Furniture.
2. Your Qtn uploaded through e-procurement platform.
3. Your Letter ref.No.SIE/KTPS-VII-PUR-Furniture/DES, Dtd.14/12/2023.
4. T.O.Lr.No.CE/O&M/KTPS-VII Stage/Adm/S&S/P42/E.T.No.150/23-24/ D.No.3740/23-24,Dt.24/1/2024.
5. Your Ltr Ref: SIE/KTPS-VII-PUR-Furniture/913REP, Dt:08.02.2024.

1 **ACCEPTANCE :**
We are pleased to confirm our acceptance to your offer and subsequent correspondence referred to above. Kindly arrange to execute the supplies strictly as per specification and quantities as indicated in Annexure-I subject to the conditions specified herein. Our General Purchase Conditions, Dispatching & Invoicing Instruction enclosed. Kindly arrange to return duplicate copy of this order duly signed and stamped within 10 days in token of having received and accepted the order.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure-I .
PO Amount : Rs. 231,408.00
In words : RUPEES TWO LAKH THIRTYONE THOUSAND FOUR HUNDRED EIGHT ONLY

3 **PRICE BASIS :**
FOR: Stores/KTPS-VII stage/Paloncha.

4 **PACKING & FORWARDING CHARGES :**
Inclusive. All the material shall be securely packed in such a manner to withstand rough handling during transport upto site. All the above material shall be adequately protected before dispatch to prevent damage and entrance of foreign matter.

5 **FREIGHT :**
Inclusive.

6 **TRANSIT INSURANCE :**
Inclusive.

7 **CENTRAL SALES TAX /VAT/GST :**
GST Extra as appplicable at the time of dispatch. Present rate of GST is 18% Extra. Please mention HSN Code, GSTIN and PAN on your invoice.

8 **VARIATION IN TAXES & DUTIES :**

(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO#s account, provided that the material are dispatched within the Delivery period stipulated in Clause No.10.
(b) Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER#S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

9 **TAX COLLECTED AT SOURCE (TCS) :**
Statutory levies and taxes are extra at applicable rates. However, in case of TCS U/s 206C(1H), TCS will be paid on satisfactory verification of proof of required details i.e., The turnover of the vendor during preceding financial year has crossed Rs.10 crores and cumulative purchases of TSGENCO during the current fianacial year have exceeded the threshold limit of Rs.50lakhs (otherwise limits as prescribed by law). The providing of above required information is the responsibility of the vendor only.

10 **DELIVERY PERIOD :**
The material shall be delivered within 12 weeks from the date of receipt of Purchase Order. However you are requested to compress the delivery period.

11 **GUARANTEE PERIOD :**
The material shall be guaranteed for satisfactory performance for a period of 12 months from the date of supply against manufacturing defects. If, during the period of the guarantee it is found defective of workmanship of material and/or fails in operation due to defects, such material shall be replaced by you free of cost to the TSGENCO, within a reasonable time as per the site requirement. A certificate (guarantee certificate) to this effect shall be submitted along with material.

12 **TERMS OF PAYMENT :**
100% payment inclusive of taxes will be arranged within 30 days after receipt and acceptance of material at stores in good condition and after receipt of bills in triplicate duly certified by the consignee. The payment shall be made through RTGS to the following account.

1.Title of the Account : Sai Industrial Enterprises
2.Account Number for RTGS : 4811135000002117
3.IFSC- code (Indian Financial System Code) : KVBL0004811
4.Name, Branch and Address of the Payee's Bank: Karur Vysya Bank, D.No.19-1-69,Haridama Street,New Palwancha-507115

13 **SECURITY DEPOSIT :**
Exempted

14 **PERFORMANCE BANK GUARANTEE :**
Not Applicable.

15 **CONSIGNEE : :**
Asst. Divisional Engineer/CS-III/KTPS-VII Stage.

16 **SPECIAL INSTRUCTIONS :**
1) All original documents i.e original invoice (duly indicating GSTIN no. and 6 digit HSN Codes), consigne copy of L/R,Guarantee Certificate etc. shall be sent in a separate courier/post directly to consignee i.e ADE/CS-III/O&M/KTPS VII Stage/Paloncha for taking delivery of material and regularizing transaction.

2)The materials shall be supplied from the latest batch of manufacturing only.

3) For information related to delivery of materials, you may contact ADE/CS-III/O&M/KTPS VII Stage at +917382608103 (email id: ktps.destores@tsgenco.co.in) and for information related to status of payment, you may contact DyCCA/KTPS at +919490612562 (email id: ktps.dycca@tsgenco.co.in).

4)RISK PURCHASE: In case of supplier who has not adhered to supply the material as per delivery period then TSGENCO reserves the right to purchase the total quantity/ balance quantity from the open market and recover the extra expenditure thus incurred from the supplier.

17 **LIQUIDATED DAMAGES :**
Applicable, as per Clause No 2.8 of GPC. A sum equivalent to 0.5% of the value of delayed materials shall be deducted for each week of delay, subject to a maximum of 5% of the total value of the order.

18 **FORCE MAJEURE :**

1)The supplier shall not be liable for delay or failing to supply the materials/ equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes. Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.

2)The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify.

3)No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.

4)At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

19 GENERAL TERMS :

1. Place of Despatch : Paloncha.
2. Place of Delivery : Stores/O&M/KTPS-VII Stage/Paloncha.
3. Mode of Dispatch : By Road
4. Inspection : At Stores/O&M/KTPS-VII Stage/Paloncha..
5. Price Variation. : Firm and fixed without any variation till complete execution of order in all respects.

20 JURISDICTION. :

All and any disputes or differences, arising out of or touching this order, shall be decided only by Courts/Tribunals situated in Hyderabad or Secunderabad Cities.No suit or legal proceedings shall be instituted else where.

For & On behalf of TSGENCO

CHIEF ENGINEER/O&M/KTPS VII Stg

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

DY.CCA (Audit)/TSGENCO/VS/Hyderabad.
Chief Engineer/Elecy/Generation/Vidyut Soudha/Hyd.
Audit Officer/TSGENCO/KTPS.
Chief Engineer/KTPS.V&VI Stages.
Superintending Engineer/Adm/KTPS-VII Stage
Dy.CCA/KTPS-VII Stage-The bank details received from the firm are herewith enclosed for processing of payment.
Divisional Engineer/Purchase/KTPS-VII Stage - Please pursue with the firm till receipt of material
Divisional Engineer/S&S/KTPS-VII Stage-It is requested to obtain necessary T&P estimate sanction before issue of material
Asst. Divisional Engineer/CS-III/KTPS-VII Stage.
Asst. Divisional Engineer/CS-I/KTPS-VII Stage.
Asst. Engineer/Transport/KTPS-VII Stage.

Annexure - 1

PO No: 4500032822 / CE/O&M/KTPS VII / DE/PUR I / K09 / 2023 - 24 / / DT.23.02.2024

Sub: KTPS # VII Stage-Adm/Purchase- Supply of Furniture # Detailed Purchase Order # Issued - Reg.

S.No	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	600002429 (940310) ALMARAH, STOREWELL PLAIN, SIZE:1981 H X 916 W X 486 D (in MM) with 5 compartments CRCA sheet with welded construction of 18guage. The storage unit has an epoxy powder coated finish mazak handle and a unique 3 way locking mechanism provides for the safety of documents Make:Godrej	NO	6	24912.00 INR	1	149472.00
2	600005384 (940360) COMPUTER TABLE, SIZE: (L X W X H), 120CM X 60CM X 68CM. On the right side of the table must have one drawer and CPU provision. On the left side of the table must have one sliding key board tray and two shelves. AS PER IMAGE ENCLOSED in tender documents	NO	3	11952.00 INR	1	35856.00
3	600006326 (940310) MF Racks 6 feetX 3feet X 15 inches with 6 panels making CRCA sheet with welded construction of 18guage the storage unit has an epoxy powder coated finish Make:Godrej	NO	4	11520.00 INR	1	46080.00

Total Amount : Rs. 231,408.00

Total Amount in Words : RUPEES TWO LAKH THIRTYONE THOUSAND FOUR HUNDRED EIGHT ONLY

CHIEF ENGINEER/O&M/KTPS VII Stg

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
KOTHAGUDEM THERMAL POWER STATION
PALONCHA
Website:www.tsgenco.co.in

From :
The Superintending Engineer/Civil
Stage-VII (1x800 MW) / KTPS
PALONCHA-507 115
Bhadradri Kothagudem(Dt)
Telangana

To :
M/s BODEPUDI UMADEVI W/O VENKATESWARA RAO
H.NO.15-1-172, MG ROAD
NEAR BERACHA CHURCH,PALONCHA
507115, Telangana

CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

Vendor Code : 202595

PAN No.: AAVPU5179R

PO No: 4900011361 / SE/CIVIL / KTPS/VII STAGE / K31 / 2015 - 16 / / DT. 16.05.2015

Sub: KTPS-VII Stage - Taking over of land Ac.5-07 Gts. in Survey number 532 on rent basis required for the purpose of fabrication yard and material stockyard for M/s.BHEL for KTPS-VII Stage works - Amendment-IV issued.

Ref : 1.Proceedings No. CE/C/Thermal/KTPSD//E1/F.VII-Land Rent/D.No.380/2014-15,Dt:-22-01-2015.
2. Lr.No.SE/E&M/Stage#VII/KTPS/F.Dkt:/D.No.85(b)/2015,Dt:-31-01-2015.
3.Land lease Agt.No.02/15-16, vide Lr.No. SE/E&M/Stage-VII (1X800MW)/KTPS/F.Dkt/D.No. 120/2015, Dt: 27.04.2015.
4. Proceeding No.ED/C/Thermal/SE/TCD-I/E3/F.VII-Land Rent/D.No.34/2018-19, Dt: 30.04.2018.
5. Lr.No. SE/Civil/Stage-VII/KTPS/F.Dkt/D.No. 79/2018-19, Dt: 23.05.2018.
6. Proceeding No.CE/C/Th/SE/TCD-I/E3/F.VII-Land Rent/D.No.246/19-20, Dt: 25.09.2019.
7. Lr.No.SE/Civil/Stage-VII/KTPS/F.Dkt/D.No.394/2019-20, Dt: 29.11.2019.
8. Proceeding No.CE/C/Th/SE/TCD-I/E3/F.VII-Land Rent/D.No.99/2021-22, Dt: 19.06.2021.
9. Lr.No. SE/Civil/Stage-VII/KTPS/F.Dkt/D.No. 761/2021-22, Dt: 14.07.2021.
10. Proceeding No.CE/C/Thermal/SE.TCD-I/E3/F.VII-Land Rent/ D.No.300/2022-23, Dt: 25.11.2022.
11. Lr.No. SE/Civil/Stage-VII/KTPS/F.Dkt/D.No. 1802/2022-23, Dt: 05.12.2022.

1 **ACCEPTANCE :**
I accept/acting for and on behalf of TSGENCO Ltd., Accept the rates/negotiated rate of Rs. 10,09,125.00 (Rupees Ten Lakhs Nine Thousand One Hundred and Twenty Five Only) vide reference 3rd cited, Amendment value of Rs. 14,18,942.00 (Rupees Fourteen Lakhs Eighteen Thousand Nine Hundred and Forty Two only) vide reference 5th cited, Amendment-II value of Rs. 17, 16,634.00 (Rupee Seventeen Lakhs Sixteen Thousand Six Hundred and Thirty Four only) vide reference 7th cited, Amendment-III value of Rs. 21, 13,556:50 (Rupee Twenty One Lakhs Thirteen Thousand Five Hundred Fifty Six and Paise Fifty Only) vide reference 9th cited and Amendment-IV value of Rs. 30,06,632.25 (Rupee Thirty Lakhs Six Thousand Six Hundred Thirty Two and Paise Twenty Five Only) vide reference 11th cited for the above work as per the detailed schedule of work enclosed.

2 **SCOPE OF CONTRACT/ORDER :**
SCHEDULE FOR RENTAL LAND

Name of the work: KTPS-VII Stage - Taking over of land Ac.5-07 Gts. in Survey number 532 on rent basis required for the purpose of fabrication yard and material stockyard for M/s.BHEL for KTPS-VII Stage works.

Sl.No	Extent of Land willing to Rent Acre-Guntas	Survey No	Period	Rate per	Amount

01	5.07	532	03 Years	65,000.00	10,09,125.00

Total Amount:- 10,09,125.00

Rupees Ten Lakhs Nine Thousand One Hundred and Twenty Five Only

Amendment No.-I issued for the period from 01.03.2018 to 31.03.2019 for an amount of Rs. 4,09,817.00 including GST @ 18%
Amendment No.-II issued for the period from 01.04.2019 to 31.12.2019 for an amount of Rs. 2,97,692.00 including GST @ 18%
Amendment No.-III issued for the period from 01.01.2020 to 31.12.2020 for an amount of Rs. 3,96,922.50 including GST @ 18%
Amendment No.-IV issued for the period from 01.01.2021 to 31.12.2023 for an amount of Rs. 8,93,075.75 including GST @ 18%

3 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure-I enclosed.
PO Amount : Rs. 2,971,311.97
In words : RUPEES TWENTYNINE LAKH SEVENTYONE THOUSAND THREE HUNDRED ELEVEN AND PAISE NINETYSEVEN ONLY

4 **CENTRAL SALES TAX /VAT/GST :**
GST @18% is applicable.

5 **VARIATION IN TAXES & DUTIES :**
As applicable.

6 **TERMS OF PAYMENT :**
The Licensee fee shall be made for every 03 (Three) months to the owner of the land.

7 **DELIVERY PERIOD :**
The Order issued for the above work upto 3 years.
For Amendment No-I: Upto 13 months
For Amendment No-II: Upto 9 months
For Amendment No-III: Upto 12 months
For Amendment No-IV: Upto 27 months

8 **SCHEDULE OF WORK & PRICES :**
As per LS agreement.

9 **WORKS CONTRACT TAX :**
GST as applicable shall be paid extra at time of billing. GST as applicable as on date shall be indicated separately in each invoice and remit the same to the concerned department.

10 **CONSIGNEE : :**
The Executive Engineer/Civil/O&M-I/Stage-VII/KTPS.

11 **PAYING OFFICER : :**
The Senior Accounts/O&M/Stage-VII/KTPS/Paloncha.

12 **LOSS OR DAMAGE :**
Any loss or damage caused to the properties of TSGENCO during the course of execution of subject work by you, the same shall be made good to the satisfaction of TSGENCO at your cost, failing so necessary recovery will be effected in your bills.

13 **ACKNOWLEDGEMENT :**
Please acknowledge the receipt of this order by attending at the O/o SE/Civil/Stage-VII/KTPS., during the working hours/days.

14 **INVOICING INSTRUCTIONS :**
Please furnish Invoice along with the details of GST No., SAC No. & PAN No. after completion of work.

15 **GENERAL TERMS :**
Terms and Conditions :
For licensing of private land to M/s Kothagudem Thermal Power Station (1X800 MW) stage -VII for setting up of fabrication yard, material stock yard at paloncha.

Now it is hereby agreed as follows.
1. The Licensee shall use the private land admeasuring Ac.05-07 Gts. belonging to the owner namely:- Srimathi Bodepudi Umadevi W/o Venkateswara Rao, in survey number 532.

2. The Licensee shall hand over back the said private land to the land owners after completion of the period of

this agreement.

3. The Licensee fee for the rented land is Rs 65,000.00 per Acre per annum upto 31.12.2020 from the actual date of taking over of pocession of the land without any increase in rent for purpose of fabrication yard, material stockyard and batching plant for M/s BHEL for (1X800MW) KTPS Stage-VII.

4. The Licensee fee shall be made for every 03 (Three) months to the owner of the land.

5. In case of extension of the present agreement of the agreement period the termination/renewal date of the agreement shall be the end of the financial year.

6. The agreement shall stand cancelled or revoked if the Licensee fee accrues for more than 06 (Six) months.

7. The Licensee shall not assign mortgage or transfer interest in the rented land without the prior consent in writing of the land owners.

8. The Licensee shall not use the schedule land for any other purpose other than the specified above.

9. In the event of a breach by the licensee of any of the conditions here in above mentioned, all Privileges mentioned under this license shall absolutely cease and stand determined immediately and the Licensee shall not be entitled to any compensation whatsoever.

10. Either party shall be at liberty to determine and put an end to this rental agreement by giving to the other party one months notice in writing, after the expiry of which period all such privileges granted under this rental agreement will be determined.

11. Where ever the statutory recovery necessary by the TSGENCO, i.e IT,ST,VAT, seionerage, any other duties/taxes levied by State Government, Central Government , local bodies.

12. In witness where of, the parties here in above mentioned set their respective hands and seals on the date, month and year first above mentioned.

13. In case of any doubt, difference or dispute shall arise between TSGENCO and owner such doubt differences or dispute shall be referred to Chief Engineer/Civil/ Thermal/TSGENCO/V.S/Hyderabad and his decision shall be final and binding on the both parties.

For & On behalf of TSGENCO

Superintending Engineer/Civil

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

Copy submitted to the Chief Engineer/O&M/KTPS/Paloncha for favor of information.
Copy communicated to the Deputy Chief Controller of Accounts/Stage-VII/KTPS for information.
Copy to the Executive Engineer/Civil/O&M-I/KTPS/Stage-VII for information & necessary action.
Copy to the Senior Accounts Officer/O&M/KTPS/Stage-VII for information & necessary action.
Copy to the Assistant Executive Engineer/Civil/SD-II/ O&M-I/ Stage-VII/KTPS for information & necessary action.

Annexure - 1

PO No: 4900011361 / SE/CIVIL / KTPS/VII STAGE / K31 / 2015 - 16 / / DT.16.05.2015

Sub: KTPS-VII Stage - Taking over of land Ac.5-07 Gts. in Survey number 532 on rent basis required for the purpose of fabrication yard and material stockyard for M/s.BHEL for KTPS-VII Stage works - Amendment-IV issued.

S.No	Service Code (SAC)	Description	UOM	Qty	Unit Price	Per	Total Value
1							
	1		AU	12.000	84,093.75	1	1,009,125.00
		KTPS-Stage VII (1X800MW)- Taking over of land on rent basis required for the purpose of fabrication yard and material stockyard for M/s.BHEL for KTPS-VII Stage works.					
2							
	1	ext land lease upto 31.03.2019 NO GST	AU	4.000	28,031.23	1	112,124.92
3							
	1	ext land lease upto 31.03.2019 GST	AU	9.000	28,031.23	1	252,281.07
4							
	1	ext land lease upto 31.12.2019	MON	9.000	28,031.22	1	252,280.98
5							
	1	Taking over of land on rent basis	MON	12.000	28,031.25	1	336,375.00
6							
	1	Extn. of land lease upto 31.03.2022	MON	27.000	28,031.25	1	756,843.75
7							
	1	Extn. land lease upto 30.06.2023	MON	3.000	28,031.25	1	84,093.75
8							
	1	Extn. land lease upto 31.12.2023	MON	6.000	28,031.25	1	168,187.50
					Total Amount :		**Rs. 2,971,311.97**

Total Amount in Words : RUPEES TWENTYNINE LAKH SEVENTYONE THOUSAND THREE HUNDRED ELEVEN AND PAISE NINETYSEVEN ONLY

Superintending Engineer/Civil

TGGENCO
KTPS-VII
Form 3.2: Financing of Additional Capitalisation

S. No.	Particulars	FY 2024-25	FY 2025-6	FY 2026-27
			Apr - Mar	n+1
		Actual	Estimated	Projected
1	Additional capitalisation	**3.44**	**0.00**	**4.97**
2	**Financing Details**			
	Loan 1			
	Loan 2			
	...			
	Total Loan	**0.00**	**0.00**	**0.00**
3	Equity			
4	Internal Resources	3.44	0.00	4.97
5	Others (Please Specify)			
6	**Total (2+3+4+5)**	**3.44**	**0.00**	**4.97**

TGGENCO
KTPS-VII
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		6.30	-		6.30	-	-		-	6.30	6.30
2	BUILDINGS	1100		221.36	0.19		221.55	44.97	6.18		51.15	176.39	170.40
3	LINES AND CABLE NETWORK	1200		350.64	0.12		350.76	99.02	12.70		111.72	251.61	239.04
4	PLANT AND EQUIPMENT	1300		4,171.71	2.86		4,174.57	1,023.57	142.55		1,166.12	3,148.14	3,008.46
5	CAPITAL SPARES	1400		7.23	-		7.23	0.47	0.34		0.81	6.76	6.42
6	HYDRAULIC WORKS	1500		246.96	-		246.96	69.45	7.47		76.92	177.51	170.04
7	OTHER CIVIL WORKS	1600		81.76	0.12		81.88	28.74	3.03		31.77	53.01	50.11
8	VEHICLES	1700		14.95	-		14.95	7.56	1.69		9.25	7.39	5.70
9	FURNITURE & FIXTURES	1800		2.23	0.09		2.32	1.48	0.09		1.57	0.75	0.74
10	COMPUTERS	1900		3.62	-		3.62	3.02	0.28		3.30	0.60	0.32
11	OFFICE EQUIPMENTS	2100		2.36	0.06		2.42	1.48	0.42		1.90	0.88	0.52
	Total		**3.42%**	**5109.13**	**3.44**	**0.00**	**5112.57**	**1279.77**	**174.74**	**0.00**	**1454.51**	**3829.36**	**3658.06**

FY 2025-26													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		6.30			6.30	-	-		-	6.30	6.30
2	BUILDINGS	1100		221.55			221.55	51.15	6.18		57.33	170.40	164.22
3	LINES AND CABLE NETWORK	1200		350.76			350.76	111.72	12.70		124.42	239.04	226.34
4	PLANT AND EQUIPMENT	1300		4,174.57			4,174.57	1,166.12	142.63		1,308.74	3,008.46	2,865.83
5	CAPITAL SPARES	1400		7.23			7.23	0.81	0.34		1.15	6.42	6.08
6	HYDRAULIC WORKS	1500		246.96			246.96	76.92	7.47		84.39	170.04	162.57
7	OTHER CIVIL WORKS	1600		81.88			81.88	31.77	3.03		34.80	50.11	47.08
8	VEHICLES	1700		14.95			14.95	9.25	1.69		10.94	5.70	4.02
9	FURNITURE & FIXTURES	1800		2.32			2.32	1.57	0.09		1.66	0.74	0.65
10	COMPUTERS	1900		3.62			3.62	3.30	0.28		3.58	0.32	0.04
11	OFFICE EQUIPMENTS	2100		2.42			2.42	1.90	0.42		2.31	0.52	0.11
	Total		3.42%	5112.57	0.00	0.00	5112.57	1454.51	174.82	0.00	1629.33	3658.06	3483.24

FY 2026-27													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000		6.30			6.30	-	-		-	6.30	6.30
2	BUILDINGS	1100		221.55			221.55	57.33	6.18		63.51	164.22	158.05
3	LINES AND CABLE NETWORK	1200		350.76			350.76	124.42	12.70		137.12	226.34	213.64
4	PLANT AND EQUIPMENT	1300		4,174.57	4.97		4,179.54	1,308.74	143.46		1,452.20	2,865.83	2,727.34
5	CAPITAL SPARES	1400		7.23			7.23	1.15	0.34		1.50	6.08	5.74
6	HYDRAULIC WORKS	1500		246.96			246.96	84.39	7.47		91.87	162.57	155.10
7	OTHER CIVIL WORKS	1600		81.88			81.88	34.80	3.03		37.82	47.08	44.06
8	VEHICLES	1700		14.95			14.95	10.94	1.69		12.63	4.02	2.33
9	FURNITURE & FIXTURES	1800		2.32			2.32	1.66	0.09		1.76	0.65	0.56
10	COMPUTERS	1900		3.62			3.62	3.58			3.58	0.04	0.04
11	OFFICE EQUIPMENTS	2100		2.42			2.42	2.31			2.31	0.11	0.11
	Total		3.42%	5112.57	4.97	0.00	5117.54	1629.33	174.95	0.00	1804.28	3483.24	3313.26

TGGENCO
KTPS-VII
Form 5: Interest and finance charges on loan

A. Normative Loan

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Opening Balance of Gross Normative Loan		3576.39	3576.39		3578.97		3578.97
2	Cumulative Repayment till the year		1279.77	1279.77		1454.51		1629.33
3	Opening Balance of Net Normative Loan	**0.00**	**2296.62**	**2296.62**	**0.00**	**2124.46**		**1949.64**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets							
5	Addition of Normative Loan due to capitalisation during the year1		2.58	2.58	0.00	0.00	0.00	3.73
6	Repayment of Normative loan during the year		174.74	174.74		174.82		174.95
7	Closing Balance of Net Normative Loan		**2124.46**	**2124.46**		**1949.64**		**1778.42**
8	Closing Balance of Gross Normative Loan		**3404.23**	**3404.23**		**3404.15**		**3407.75**
9	Average Balance of Net Normative Loan		**2210.54**	**2210.54**		**2037.05**		**1864.03**
10	Weighted average Rate of Interest on actual Loans (%)		9.98%	9.98%		10.07%		10.13%
11	Interest	**0.00**	**220.61**	**220.61**	**0.00**	**205.13**	**0.00**	**188.83**
12	Finance charges							
13	Total Interest & Finance charges	**242.01**	**220.61**	**220.61**	**223.03**	**205.13**	**203.81**	**188.83**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 Apr - Mar Projected
1	**Loan 1-Main -Plant -REC**			
	Opening Balance of Loan	2556.37	2203.77	1967.83
	Addition of Loan during the year	0	123.06	0
	Loan Repayment during the year	352.6	359	374.82
	Closing Balance of Loan	**2203.77**	**1967.83**	**1593.01**
	Average Loan Balance	**2392.87**	**2074.06**	**1796.02**
	Applicable Interest Rate (%)	9.98	10.07	10.06
	Interest	**238.86**	**208.65**	**180.68**
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	**238.86**	**208.65**	**180.68**
2	**Loan 2**			
	Opening Balance of Loan			0.00
	Addition of Loan during the year			524.65
	Loan Repayment during the year			57.62
	Closing Balance of Loan	**0.00**		**467.03**
	Average Loan Balance	**0.00**		**245.11**
	Applicable Interest Rate (%)			10.44
	Interest	**0.00**		**25.59**
	Finance charges			0.00
	Total Interest & Finance charges	**0.00**	**0.00**	**25.59**
	.....			
	Total			
	Opening Balance of Loan	**2556.37**	**2203.77**	**1967.83**
	Addition of Loan during the year	**0.00**	**123.06**	**524.65**
	Loan Repayment during the year	**352.60**	**359.00**	**432.44**
	Closing Balance of Loan	**2203.77**	**1967.83**	**2060.04**
	Average Loan Balance	**2392.87**	**2074.06**	**2041.14**
	Applicable Interest Rate (%)	**9.98**	**10.07**	**10.13**
	Interest	**238.86**	**208.65**	**206.27**
	Finance charges	**0.00**	**0.00**	**0.00**
	Total Interest & Finance charges	**238.86**	**208.65**	**206.27**

TGGENCO
KTPS-VII
Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Cost of coal, towards stock		106.39	106.39		107.13		105.12
2	Cost of coal for generation		159.58	159.58		160.69		157.68
3	Cost of secondary fuel oil		0.72	0.72		1.58		1.62
4	O&M expenses		44.73	44.73		47.07		49.06
5	Maintenance spares		51.09	51.09		51.13		51.13
6	Receivables1		400.67	400.67		405.08		401.47
	Less:							
7	Payables for Fuels2		160.30	160.30		162.27		159.30
8	Total Working Capital requiremer	**0.00**	**602.88**	**602.88**	**0.00**	**610.41**	**0.00**	**606.77**
9	Interest rate		10.41%	10.41%	10.08%	10.25%		10.25%
10	Interest on working capital	**61.34**	**62.76**	**62.76**	**62.76**	**62.57**	**63.13**	**62.19**

Note:
1 In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VII
Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Regulatory Equity at the beginning of the year		1532.74	1532.74		1533.60		1533.60
2	Capitalisation during the year		3.44	3.44	0.00	0.00	0.00	4.97
3	Equity portion of capitalisation during the year	0.00	0.86	0.86	0.00	0.00	0.00	1.24
4	Reduction in Equity Capital on account of retirement / replacement of assets							
5	Regulatory Equity at the end of the year	**0.00**	**1533.60**	**1533.60**	**0.00**	**1533.60**		**1534.84**
	Rate of Return on Equity							
6	Base rate of Return on Equity	11.500%	15.500%	15.500%	11.500%	15.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**	**15.368%**	**20.713%**	**20.713%**	**20.713%**
	Return on Equity Computation							
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**317.48**	**317.48**	**0.00**	**317.66**		**317.66**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.09**	**0.09**	**0.00**	**0.00**		**0.13**
11	**Total Return on Equity**	**243.82**	**317.57**	**317.57**	**328.62**	**317.66**	**328.62**	**317.78**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VII
Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12		0.13		**0.13**
2	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00		0.00		**0.00**
3	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.09	0.09		0.09		**0.09**
4	WATER CHARGES		0.03	0.03		0.03		**0.03**
5	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.06	0.06		0.06		**0.06**
6	CURRENT CONSUMPTION CHARGES		0.43	0.43		0.45		**0.47**
7	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.42	0.42		0.44		**0.45**
8	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.24	0.24		0.25		**0.26**
9	INCOME FROM SALE OF ASH		10.11	10.11		10.51		**10.93**
10	PROFIT ON SALE OF FIXED ASSETS		-	-		0.00		**0.00**
11	INCOME FROM SALE OF SCRAP		0.84	0.84		1.12		**1.17**
12	INCOME FROM SALE OF COAL REJECTS		-	-		0.00		**0.00**
13	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00		0.00		0.00
14	OTHER RENTAL OR LETTING OUT		0.16	0.16		0.17		0.18
15	SALE OF TENDER SPECIFICATIONS		0.16	0.16		0.17		0.18
16	VENDOR REGISTRATION FEE		0.01	0.01		0.01		0.01
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.22	0.22		0.23		0.23
18	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00		0.02		0.02
19	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01		0.02		0.02
	Total	**10.83**	**12.92**	**12.92**	**11.27**	**13.70**	**11.72**	**14.25**

TGGENCO
KTPS-VII
Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		April-March	Apr - Mar	Apr - Mar
		Actual	Estimated	Projected
1	**Unit 1 / Station 1**			
A.	**Planned Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage	(enclosed as Annexure)		
B.	**Forced Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage			
2	**Unit 2 / Station 2**			
	.....			
	.....			
	.....			

Note:
Details of outages should be submitted for each Unit of each station separately

TGGENCO
Kothagudem Thermal Power Station- VII Stage (1 x 800 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25(n)	Current Year; 2025-26 (n+1)			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 2
		Actual	Actual	Estimated	Estimated	Projected
1	**Unit-12/ KTPS-VII Stage**					
A.	**Planned Outages**	Not Carried out	1		1	Not Scheduled
	No of days of outage		25.562	Nil	25.562	
	Period of Outage		From 02:36 Hrs of 25-06-2025 to 16:05 Hrs of 20-07-2025	Nil	From 02:36 Hrs of 25-06-2025 to 16:05 Hrs of 20-07-2025	
	Reasons for Outage		AOH	Nil	AOH	
B.	**Forced Outages**	7	3			NIL
	No of days of outage	11.83	4.74	Nil		
	Period of Outage	**1.** From 20:18 Hrs of 21-04-2024 to 01:36 Hrs of 22-04-2024. **2.** From 11:12 Hrs of 30-06-2024 to 17:46 Hrs of 06-07-2024. **3.** From 07:05 Hrs of 04-09-2024 to 12:21 Hrs of 04-09-2024. **4.** From 00:10 Hrs of 27-09-2024 to 15:02 Hrs of 28-09-2024. **5.** From 17:00 Hrs of 29-10-2024 to 05:04 Hrs of 31-10-2024. **6.** From 10:00 Hrs of 20-02-2025 to 06:09 Hrs of 22-02-2025 **7.** From 06:21 Hrs of 22-02-2025 to 10:01 Hrs of 22-02-2025	**1.** From 00:55 Hrs of 09-08-2025 to 20:02 Hrs of 12-08-2025. **2.** From 09:41 Hrs of 18-08-2025 to 12:45 Hrs of 18-08-2025. **3.** From 14:34 Hrs of 19-09-2025 to 10:11 Hrs of 20-09-2025.	Nil		
	Reasons for Outage	Detailed reasons enclosed	Detailed reasons enclosed	Nil		

K.T.P.S - STAGE-VII - PALONCHA
UNIT-12 (1X800 MW) OUTAGES REPORT
FOR FY:2024-25

SL NO	FROM DATE	FROM TIME	TO DATE	TO TIME	DURATION(HR:	LOSS OF GEN.MU	P/F	REASONS/ANALYSIS OF TRIPPING	CATEGORY
1	4/21/2024	20:18	4/22/2024	1:36	5:18	4.240	F->	TRIPPED ON "LOSS OF ALL FUEL PROTECTION" DUE TO SUDDEN TRIPPING OF ALL MILLS ON ACCOUNT OF HOT PA DUCT TO FURNACE DP FAULT".	C&I SYSTEMS.
2	6/30/2024	11:12	7/6/2024	17:46	150:34	120.453	F-	>UNIT HAND TRIPPED TO ATTEND SPIRAL WALL TUBE LEAK AT 11 MTS ELEVATION OF BOILER AT CORNER NO.4 & ALSO FOR RECTIFYING TURBINE BEARING NO.01&02 VIBRATIONS.	W.W.TUBE LEAK
3	9/4/2024	7:05	9/4/2024	12:21	5:16	4.213	F->	UNIT TRIPPED ON SEPERATOR PRESSURE HIGH DUE TO MALFUCNTIONING OF IBC CARD. AFTER COMPLETION OF RECTIFICATION WORKS, THE BOILER LIGHT UP DONE AT 08:50 HRS AND UNIT SYNCHRONIZED WITH GRID AT 12:21 HRS ON DT.04-09-2024.	C&I SYSTEMS
4	9/27/2024	0:10	9/28/2024	15:02	38:52	31.093	F->	HAND TRIPPED TO ATTEND SPIRAL WATER WALL TUBE LEAK AT 11 METERS ELEVATION (AT S-PANEL) AND ALSO TO ATTEND FISH MOUTH OPENING AT 40 METERS ELEVATION OF BOILER.	W.W.TUBE LEAK
5	10/29/2024	17:00	10/31/2024	5:04	36:04	28.853	F->	HAND TRIPPED TO ATTEND SPIRAL WALL TUBE LEAK AT 24 MTS ELEVATION OF BOILER NEAR CORNER NO.02,BELOW UNDER FIRE AIR DAMPER. (FAILED DUE TO AIR ASH EROSION)	W.W. TUBE LEAK.
6	2/20/2025	10:00	2/22/2025	6:09	44:09	35.32	F->	HAND TRIPPED TO ATTEND WATER WALL TUBE LEAK NEAR AT CORNER NO.01, NEAR S-PANEL AREA AT 11 METERS ELEVATION OF BOILER (TUBE FAILED DUE TO STRESS CORROSION CRACKING).	W.W. TUBE LEAK.
7	2/22/2025	6:21	2/22/2025	10:01	03:40	2.93	F->	TRIPPED ON ECO FLOW <30% DUE TO SUDDEN TRIPPING OF CC PUMP ON ACCOUNT OF DISTURBANCE OCCURED WHILE CHANGING LOADS FROM ST TO UT.	ELEC.SYSTEMS
7	**TOTAL FOR THE PERIOD**				**283:53**	**227.11**		**NOTE: P-PLANNED SHUT DOWN, F-FORCED SHUT DOWN, R- RESERVE SHUT DOWN**	

TELANGANA POWER GENERATION CORPORATION LIMITED

KOTHAGUDEM THERMAL POWER STATION-STAGE-VII(1X800 MW)

Form 9: Planned & Forced Outages

S.No.	Particulars	Year (n-1) (2024-25)	Current Year 'n' (2025-26)			Control Period
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n+1
		Actual	Actual	Estimated	Estimated	Projected
1	**KTPS-VII Stg(1X800MW)-Unit 12**					
A.	**Planned Outages**					
	No of days of outage	---	25.562	---		
	Period of Outage	---	From 02:36 Hrs of 25-06-2025 to 16:05 Hrs of 20-07-2025	---		
	Reasons for Outage	---	AOH works	---		
B.	**Forced Outages**					
	No of days of outage	11.83	4.74	Since the Forced outages are very uncertain and difficult to predict for the remaining months i.e., From October to March in the control period, the no of forced outages that can happen in the future could not be estimated accurately. Hence not provided.		
	Period of Outage	1. From 20:18 Hrs of 21-04-2024 to 01:36 Hrs of 22-04-2024. 2. From 11:12 Hrs of 30-06-2024 to 17:46 Hrs of 06-07-2024. 3. From 07:05 Hrs of 04-09-2024 to 12:21 Hrs of 04-09-2024. 4. From 00:10 Hrs of 27-09-2024 to 15:02 Hrs of 28-09-2024. 5. From 17:00 Hrs of 29-10-2024 to 05:04 Hrs of 31-10-2024. 6. From 10:00 Hrs of 20-02-2025 to 06:09 Hrs of 22-02-2025 7. From 06:21 Hrs of 22-02-2025 to 10:01 Hrs of 22-02-2025	1. From 00:55 Hrs of 09-08-2025 to 20:02 Hrs of 12-08-2025. 2. From 09:41 Hrs of 18-08-2025 to 12:45 Hrs of 18-08-2025. 3. From 14:34 Hrs of 19-09-2025 to 10:11 Hrs of 20-09-2025.			
	Reasons for Outage	Detailed reasons enclosed herewith.	Detailed reasons enclosed herewith.			

Note:

★ The Unit OH schedules for the remaining years in the control period will be followed as per the TGGENCO Overhauls program.

K.T.P.S - STAGE-VII - PALONCHA

UNIT-12 (1X800 MW) OUTAGES REPORT

FOR THE F.Y.2025-26 (UPTO SEP-2025)

SL NO	FROM DATE	FROM TIME	TO DATE	TO TIME	DURATION (HR:MM)	LOSS OF GEN.MU	P/F	REASONS/ANALYSIS OF TRIPPING	CATEGORY
1	6/25/2025	02:36	7/20/2025	16:05	613:29	490.787	P->	UNIT HAND TRIPPED AND RELEASED FOR AOH WORKS	AOH
2	8/9/2025	00:55	8/12/2025	20:02	91:07	72.893	F->	UNIT HAND TRIPPED TO ATTEND LTRH TUBE LEAK (THIN LIP OPENING OF LTRH TOP BANK COIL NO.106, TUBE NO.03 FROM BOTTOM, AT 64 MTRS ELEVATION, FAILED DUE TO MECHANICAL RUBBING)	LTRH TUBE LEAK
3	8/18/2025	09:41	8/18/2025	12:45	03:04	2.453	F->	UNIT TRIPPED ON "ECONOMIZER FLOW LESS THAN 30%" DUE TO TRIPPING OF TDBFP-A ON SUDDEN CLOSING OF STOP VALVES.	TURBINE & AUX.
4	9/19/2025	14:34	9/20/2025	10:11	19:37	15.693	F->	UNIT HAND TRIPPED TO ARREST CONDENSER TUBE LEAK. (1 No. TUBE WAS FAILED DUE TO VIBRATION OF ALUMINIUM ANODIC BAR WHICH WAS STRUCK UP INSIDE THE B1 CHAMBER OF CONDENSER-2. FAILED TUBE WAS DUMMIED WITH TIGHT FITTING BRASS PLUGS)	TURBINE & AUX.
4	**TOTAL FOR THE PERIOD**				**727:17**	**581.8263**	**NOTE: P-PLANNED SHUT DOWN, F-FORCED SHUT DOWN, R- RESERVE SHUT DOWN**		

TGGENCO
KTPS-VII
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
			Approved	Audited	Claimed	Approved	Estimated	Approved	Revised Proposal	
1	Installed Capacity	MW	800							
	COD		26.12.2018							
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head							
2	**Availability**									
2.1	Target Availability for full recovery of AFC	%	85	85	85	85	85	85	85	
2.2	Actual/Projected Availability	%		87.55	87.55		85		85	
3	**Plant Load Factor (PLF)**									
3.1	Target PLF for Incentive	%	85	85	85	85	85	85	85	
3.2	Actual/Projected PLF	%		87.55	87.55		85		85	
4	**Gross Generation**									
4.1	Scheduled Generation	MU		5288.98	5288.98		4915.69		5644.07	
4.2	Actual/Projected Gross Generation	MU		5538.99	5538.99		5186.89		5956.8	
5	**Auxiliary Consumption**									
5.1	Normative Auxiliary Energy Consumption	%	5.25	5.25	5.25	5.25	5.25	5.25	5.25	
5.2	Actual/Projected Auxiliary Energy Consumption	%		4.51	4.51		5.23		5.25	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		250.00	250.00		271.20		312.73	
5.4	Net Generation	MU		5288.98	5288.98		4915.69		5644.07	
6	**Gross Station Heat Rate**									
6.1	Normative Gross Station Heat Rate	kcal/kWh	2151	2151	2151	2151	2151	2151	2151	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2077	2077		2151		2151	
7	**Secondary Fuel Oil Consumption**									
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.23	0.23		0.5		0.5	
8	**Transit Loss**									
8.1	Normative Transit Loss	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		0.596	0.596		0.8		0.8	

TGGENCO
KTPS-VII
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25												FY 2025-26					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	89335.00	61174.00	77746.50	81293.00	58797.72	85021.78	81750.00	103271.14	137228.53	129160.00	117699.68	194533.68	281000.00	192903.46	155662.84	204240.00	243954.26	137718.80
2	Value ot stock	Rs.in Crs	54.80	40.48	49.42	51.80	38.92	53.99	44.01	55.37	84.07	72.36	67.81	122.24	175.43	110.86	88.26	123.05	144.92	80.51
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	219708.00	276642.10	254430.40	205013.12	308402.96	243626.76	266517.54	262604.19	257748.27	243606.28	303211.90	360850.50	162876.06	209700.88	228673.32	123362.48	108276.54	184601.72
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	219708.00	276642.10	254430.40	205013.12	308402.96	243626.76	266517.54	262604.19	257748.27	243606.28	303211.90	360850.50	162876.06	209700.88	228673.32	123362.48	108276.54	184601.72
6	Normative transit and handling loss	MT	1757.66	2213.14	2035.44	1640.10	2467.22	1949.01	2132.14	2100.83	2061.99	1948.85	2425.70	2886.80	1303.01	1677.61	1829.39	986.90	866.21	1476.81
7	Net coal supplied	MT	217950.34	274428.96	252394.96	203373.02	305935.74	241677.75	264385.40	260503.36	255686.28	241657.43	300786.20	357963.70	161573.05	208023.27	226843.93	122375.58	107410.33	183124.91
C	**Price**																			
8	Amount charged by coal company	Rs.in Crs	142.26	170.54	156.03	140.33	194.87	129.65	141.33	161.21	133.71	141.71	180.46	210.21	81.38	110.03	140.23	68.24	58.64	82.11
9	Adjustment in amount charged by the coal company	Rs.in Crs	-1.40	-7.20	-3.10	-10.18	-16.94	-15.64	-8.30	-3.98	-6.68	-10.76	6.81	2.41	-7.96	1.15	-4.54	-3.50	-2.92	-4.02
10	Handling, sampling and such other similar charges	Rs.in Crs	0.30	0.28	0.32	0.40	0.39	0.80	0.62	0.51	0.53	0.56	0.46	1.90	0.29	0.30	0.30	0.51	0.39	0.31
11	Total amount charged (8+9+10)	Rs.in Crs	141.16	163.62	153.25	130.54	178.32	114.81	133.65	157.74	127.56	131.51	187.73	214.51	73.70	111.47	135.99	65.26	56.12	78.40
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.in Crs	7.36	9.23	7.70	6.07	14.37	7.07	7.93	9.74	8.50	9.76	7.43	8.18	5.22	4.99	6.21	5.71	4.36	6.19
	By road	Rs.in Crs																		
	By ship	Rs.in Crs																		
	...	Rs.in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	7.36	9.23	7.70	6.07	14.37	7.07	7.93	9.74	8.50	9.76	7.43	8.18	5.22	4.99	6.21	5.71	4.36	6.19
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	148.52	172.86	160.94	136.61	192.70	121.89	141.57	167.48	136.06	141.27	195.15	222.70	78.92	116.46	142.20	70.96	60.48	84.59
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	6616.82	6356.72	6371.91	6618.50	6350.20	5383.49	5361.61	6126.14	5602.38	5761.06	6283.62	6243.17	5747.06	5669.97	6025.02	5940.30	5845.69	5145.80
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4735.00	4592.00	4559.00	4644.00	4557.00	3757.00	3858.00	4369.00	3997.00	4303.00	4604.00	4351.00	3783.00	4019.00	4358.00	4093.00	4058.00	3803.00
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	3876.00	4220.09	4220.02	4275.15	4291.51	3937.49	3472.94	3489.06	3697.88	3650.32	3710.23	3976.60						
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	4360.00	4220.00	4292.00	4298.00	3870.00	3310.00	3494.00	3780.00	3625.00	3742.00	4080.00	4304.00						
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	4220.09	4220.02	4275.15	4291.51	3937.49	3472.94	3489.06	3697.88	3650.32	3710.23	3976.60	4189.32	3830.00	3351.00	3905.00	3704.00	3547.00	3381.00

Note:

1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3 Details to be provided for each source separately. In case of more than one source, add additional column.
4 Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limite
Kothagudem Thermal Power Station- VII Stage
Form11.1: Fuel Details for computation of Energy Charge F

S. No.	Particulars	Units	Apr-24			May-24			Jun-24	
			HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO
A	**Opening Quantity**									
1	Opening quantity of oil	KL	2263.69	393.03	222.49	2122.10	393.03	222.49	2122.10	393.03
2	Value ot stock	Rs.in Crs	13.39	3.42	1.57	12.56	3.42	1.57	12.56	3.42
B	**Procurement**									
3	Quantity of oil supplied by the oil company	KL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Adjustment in oil quantity supplied by the oil company	KL								
5	oil supplied by oil company (3+4)	KL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Normative transit and handling loss	KL								
7	Net oil supplied	KL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	**Price**									
8	Amount charged by oil company	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Adjustment in amount charged by the oil company	Rs.in Crs								
10	Handling, sampling and such other similar charges	Rs.in Crs								
11	Total amount charged (8+9+10)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	**Transportation**									
12	Transportation charges									
	By rail	Rs.in Crs								
	By road	Rs.in Crs								
	By ship	Rs.in Crs								
	...	Rs.in Crs								
13	Adjustment in amount charged by the oil transporter	Rs.in Crs								
14	Demurrage charges, if any	Rs.in Crs								
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs								
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	**Total Cost**									
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	59165.99	86971.07	70604.46	59165.99	86971.07	70604.46	59165.99	86971.07
19	Blending Ratio (Domestic/Imported)									
20	Weighted average cost of oil for preceding three months	Rs./KL								
F	**Quality**									
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre								
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre								
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre								
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre								
25	Weighted average GCV of Oil as Billed	kcal/litre								
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre								
27	GCV of Domestic Oil supplied as received at Station	kcal/litre								
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre								
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre								
30	Weighted average GCV of Oil as Received	kcal/litre								

Note:

	Particulars									
1	Oil Consumption	KL	141.59	0.00	0.00	0.00	0.00	0.00	1.42	0.40
2	Oil Consumption value	Rs.in Crs	0.84	0.00	0.00	0.00	0.00	0.00	0.01	0.00
3	Oil Consumption rate	Rs./KL	59165.99			64087.49			65293.83	

d

Rate

	Jul-24			Aug-24			Sep-24			Oct-24			Nov-24		
HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD
222.49	2120.68	392.63	222.49	1883.79	325.63	222.49	1883.79	325.63	222.49	1598.55	274.69	222.49	1444.46	222.39	222.49
1.57	12.55	3.41	1.57	11.15	2.83	1.57	11.15	2.83	1.57	9.46	2.39	1.57	8.55	1.93	1.57
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70604.46	59165.99	86971.07	70604.46	59165.99	86971.07	70604.46	59165.99	86971.07	70604.46	59165.99	86971.07	70604.46	59165.99	86971.07	70604.46

0.00	236.90	67.00	0.00	0.00	0.00	0.00	285.24	50.94	0.00	154.09	52.30	0.00	1.29	0.00	0.00
0.00	1.40	0.58	0.00	0.00	0.00	0.00	1.69	0.44	0.00	0.91	0.45	0.00	0.01	0.00	0.00
	65296.16			63935.55			63379.24			66211.87			59165.99		

Dec-24			Jan-25			Feb-25			Mar-25			Apr-25			
HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO
1443.17	222.39	222.49	1442.81	222.39	222.49	1435.63	222.39	222.49	1571.93	182.57	222.49	1654.03	182.57	222.49	1639.64
8.54	1.93	1.57	8.54	1.93	1.57	8.49	1.93	1.57	9.44	1.54	1.57	9.98	1.54	1.57	9.89
0.00	0.00	0.00	0.00	0.00	0.00	237.52	98.87	0.00	95.44	0.00	0.00	0.00	98.86	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	237.52	98.87	0.00	95.44	0.00	0.00	0.00	98.86	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	237.52	98.87	0.00	95.44	0.00	0.00	0.00	98.86	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.77	0.00	0.62	0.00	0.00	0.00	0.70	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.77	0.00	0.62	0.00	0.00	0.00	0.70	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.77	0.00	0.62	0.00	0.00	0.00	0.70	0.00	0.00
59165.99	86971.07	70604.46	59165.99	86971.07	70604.46	60033.05	84220.53	70604.46	60323.52	84220.53	70604.46	60323.52	79429.54	70604.46	60323.52
		9819													

0.36	0.00	0.00	7.18	0.00	0.00	101.22	138.69	0.00	13.35	0.00	0.00	14.39	0.00	0.00	0.36
0.00	0.00	0.00	0.04	0.00	0.00	0.61	1.17	0.00	0.08	0.00	0.00	0.09	0.00	0.00	0.00
59165.99			59165.99			74015.64			60323.52			60323.52			

May-25		Jun-25			Jul-25			Aug-25			Sep-25		
LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD	HFO	LDO	HSD
281.43	222.49	1639.28	281.43	222.49	1638.00	281.43	222.49	1683.51	410.37	222.49	1653.91	345.37	222.49
2.24	1.57	9.89	2.24	1.57	9.88	2.24	1.57	10.16	3.11	1.57	9.96	2.62	1.57
0.00	0.00	0.00	0.00	0.00	487.14	343.94	0.00	251.04	0.00	0.00	172.08	48.00	0.00

TGGENCO
KTPS-VII
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/ Tariff Order	Apr - Mar	MYT/ Tariff Order	n+1
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
Auxiliary Consumption	AUX	%	5.25	4.51	4.51	5.25	5.25	5.25	5.25
Gross Station Heat Rate	GSHR	kcal/kWh	2151	2077.13	2077.13	2151	2151	2151	2151
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.23	0.23	0.5	0.5	0.5	0.5
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819	9819	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.07	0.07	0.07	0.06	0.06	0.07	0.07
Gross Calorific Value of Coal	CVPF	kcal/kg	3846	3846	3846	3607	3607	3622	3622
Landed Price of Coal	LPPF	Rs./kg	6.09	6.09	6.09	5.5	5.5	5.4	5.4
Specific Coal Consumption		kg/kWh	0.56	0.54	0.54	0.59	0.59	0.59	0.59
Coal Rate		**Rs./kWh**	3.586	3.440	3.440	3.464	3.464	3.399	3.399
Oil Rate		**Rs./kWh**	0.035	0.016	0.016	0.034	0.034	0.035	0.035
ECR		**Rs./kWh**	**3.620**	**3.456**	**3.456**	**3.498**	**3.498**	**3.434**	**3.434**

TGGENCO
KTPS-VII
Form 13: Sales

FY 2024-25

Beneficiary	Actuals												Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	328.68	343.97	342.24	308.44	355.66	256.08	265.06	267.88	303.81	300.50	284.48	374.56	3731.364
TGNPDCL (29.45%)	137.20	143.59	142.86	128.76	148.46	106.90	110.64	111.82	126.82	125.44	118.75	156.36	1557.6
Total	465.88	487.56	485.10	437.20	504.12	362.98	375.70	379.70	430.63	425.94	403.23	530.92	5288.96

FY 2025-26

(MU)

	Actuals						Estimated						
Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	307.41	258.62	234.58	94.13	231.43	239.57	358.08	346.53	358.08	358.08	323.43	358.08	3468.03
TGNPDCL (29.45%)	128.32	107.96	97.92	39.29	96.60	100.01	149.48	144.65	149.48	149.48	135.01	149.48	1447.67
Total	435.73	366.58	332.50	133.42	328.03	339.58	507.56	491.18	507.56	507.56	458.44	507.56	4915.70

FY 2026-27
Projected

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	327.28	338.19	327.28	338.19	338.19	327.28	338.19	327.28	338.19	338.19	305.46	338.19	3981.905
TGNPDCL (29.45%)	136.62	141.17	136.62	141.17	141.17	136.62	141.17	136.62	141.17	141.17	127.51	141.17	1662.185
Total	463.90	479.36	463.90	479.36	479.36	463.90	479.36	463.90	479.36	479.36	432.97	479.36	5644.09

Telangana Power Generation Corporation Limited
KTPS-VII Stage (1 X 500 MW)
Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)
Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85	85	85	85	85	85	85	85	85	85	85	85	85
2	Availability during the month (%)	%	97.27	96.98	87.41	79.23	89.88	66.24	66.88	86.91	94.12	96.66	88.07	101.09	87.55
3	Cumulative Availability (%)	%	97.27	97.12	93.92	90.19	90.13	86.21	83.41	83.84	85.00	86.18	86.34	87.59	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	84.68	85.80	87.95	76.82	88.55	66.50	66.59	69.16	75.68	74.87	78.48	93.06	
6	Cumulative PLF (%)	%	84.68	85.25	86.14	83.77	84.74	81.75	79.55	78.28	77.98	77.67	77.74	79.04	
7	Gross Generation (MU)	MU	487.76	510.68	506.59	457.25	527.07	383.06	396.32	398.38	450.47	445.63	421.92	553.87	5539.00
8	Auxiliary Consumption (MU)	MU	21.87	23.12	21.49	20.04	22.94	20.08	20.60	18.68	19.85	19.69	18.69	22.95	250.00
9	Net Generation (MU)	MU	465.89	487.56	485.10	437.21	504.13	362.98	375.72	379.70	430.62	425.94	403.23	530.92	5289.00
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
12	Approved Fixed Charges	Rs. Crore	100.483	100.483	100.483	100.483	100.483	100.483	100.483	100.483	100.483	100.483	100.483	100.483	1205.800
13	Fuel Surcharge	Rs./kWh	3.66	3.52	3.48	3.60	3.77	3.63	3.60	3.87	3.59	3.63	3.70	3.48	
14	Fixed Charges During Month	Rs. Crore	100.483	100.483	100.483	100.483	100.483	100.483	87.326	102.670	111.454	100.483	100.483	100.483	1205.800000
15	Energy Charges Amount	Rs. Crore	112.23	117.45	116.86	105.32	121.44	87.44	90.51	137.45	155.89	154.19	145.97	192.19	1536.95
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	58.08	53.96	51.90	51.99	68.47	44.41	44.84	9.56	-1.28	0.45	3.08	-7.58	377.89
17	Incentive Amount	Rs. Crore													
18	Revenue from sale of electricity	Rs. Crore	270.79	271.90	269.24	257.80	290.40	232.34	222.68	249.69	266.06	255.13	249.53	285.09	3120.64
19	**Other recoveries/adjustments**														
	Fuel (savings)/charge year end adjustment	Rs. Crore													**-65.56**
	Non-Tariff Income true-up	Rs. Crore													**8.44**
-	Water charges	Rs. Crore													**1.20**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													
20	Total Revenue	Rs. Crore	270.79	271.90	269.24	257.80	290.40	232.34	222.68	249.69	266.06	255.13	249.53	285.09	**3064.72**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<RTS-B>
Tariff Filing Formats - Generation
Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
RTS-B
Form 1: Summary Sheet

Rs. in Cr.

S. No.	Particulars	Units	Reference	FY 2024-25			Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expen	Rs. Crore	Form 2	17.48	23.78	23.78	
2	Depreciation	Rs. Crore	Form 4	1.18	3.32	3.32	
3	Interest and finance charges on l	Rs. Crore	Form 5	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	0.20	1.23	1.23	
5	Return on Equity	Rs. Crore	Form 7	1.03	1.39	1.39	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.26	1.80	1.80	
7	**Annual Fixed Charges**	**Rs. Crore**		19.63	27.92	27.92	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	4.963	8.532	8.532	
2	Scheduled Energy (ex-bus)	MU	Form 10	16.14	16.14	16.14	
3	Energy Charges	Rs. Crore		8.01	13.77	13.77	
C	**AFC +Energy Charges**	Rs. Crore		27.64	41.69	41.69	

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RTS-B

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25		
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1		22.60	22.60
2	A&G Expenses	Form 2.2		0.76	0.76
3	R & M Expenses	Form 2.3		0.42	0.42
4	Total O&M Expenses		**17.48**	**23.78**	**23.78**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
RTS-B
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25
		Apr-Mar
		Audited
1	Basic Salary	11.98
2	Dearness Allowance (DA)	1.57
3	House Rent Allowance	0.14
4	Conveyance Allowance	0.09
5	Leave Travel Allowance	-
6	Earned Leave Encashment	2.20
7	Other Allowances	2.07
8	Medical Reimbursement	0.36
9	Overtime Payment	-
10	Bonus/Ex-Gratia Payments	-
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	0.19
13	VRS Expenses/Retrenchment Compensation	-
14	Commission to Directors	-
15	Training Expenses	-
16	Payment under Workmen's Compensation Ac	-
17	Net Employee Costs	**18.61**
18	Terminal Benefits	-
18.1	Provident Fund Contribution	-
18.2	Provision for PF Fund	0.98
18.3	Pension Payments	-
18.4	Gratuity Payment	3.01
19	Unfunded past liabilities of pension & gratuity	-
20	Others	-
21	**Gross Employee Expenses**	**22.60**
22	Less: Expenses Capitalised	
23	**Net Employee Expenses**	**22.60**

TGGENCO
RTS-B
Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25
		Apr-Mar
		Audited
1	Rent Rates & Taxes	0.11
2	Insurance	-
3	Telephone & Postage, etc.	0.00
4	Legal charges & Audit fee	0.01
5	Professional, Consultancy, Technical fee	0.00
6	Conveyance & Travel	0.00
7	Electricity charges	0.44
8	Water charges	0.00
9	Security arrangements	0.18
10	Fees & subscription	0.01
11	Books & periodicals	0.00
12	Computer Stationery	-
13	Printing & Stationery	0.00
14	Advertisements	0.00
15	Purchase Related Advertisement Expenses	-
16	Contribution/Donations	-
17	License Fee and other related fee	-
18	Vehicle Running Expenses Truck / Delivery Van	0.00
19	Vehicle Hiring Expenses Truck / Delivery Van	0.13
20	Cost of services procured	-
21	Outsourcing of metering and billing system	-
22	Freight On Capital Equipments	0.00
23	V-sat, Internet and related charges	-
24	Training	0.00
25	Bank Charges	-
26	Miscellaneous Expenses	-
27	Office Expenses	0.00
28	Others	-0.13
29	**Gross A &G Expenses**	**0.76**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**0.76**

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Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25
		Apr-Mar
		Audited
1	Plant & Machinery	0.29
2	Buildings	0.08
3	Civil Works	-
4	Hydraulic Works	-
5	Lines & Cable Networks	0.03
6	Vehicles	0.00
7	Furniture & Fixtures	-
8	Office Equipment	0.01
9	**Gross R&M Expenses**	**0.42**
10	Gross Fixed Assets at beginning of year	**127.08**
11	R&M Expenses as % of GFA at beginning of year	**0.33%**

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RTS-B
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year			
3	Capitalisation during the year			
4	Closing Capital Works in Progress	0.00	0.00	0.00

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Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buldings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	Total									
	FY 2024-25									

* *Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

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RTS-B
Form 3.2: Financing of Additional Capitalisation

S. No.	Particulars	FY 2024-25
		Actual
1	Additional capitalisation	**0.00**
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	**0.00**
3	Equity	
4	Internal Resources	0.00
5	Others (Please Specify)	
6	**Total (2+3+4+5)**	**0.00**

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RTS-B

Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	Land & Land Rights	1000	0	0.30			0.30	-			-	0.30	0.30
2	Land Deposits	1010		-			-	-			-	-	-
3	Buildings	1100	3.60%	2.32			2.32	2.09			2.09	0.23	0.23
4	Lines & Cable Network	1200	3.60%	0.78			0.78	0.71			0.71	0.08	0.08
5	Plant & Machinery	1300	3.60%	118.69			118.69	103.84	3.32		107.16	14.85	11.53
6	Capital Spares	1400	3.60%	0.50			0.50	0.45			0.45	0.05	0.05
7	Hydraulic Works	1500	3.60%	0.56			0.56	0.51			0.51	0.06	0.06
8	Other Civil Works	1600	3.60%	2.57			2.57	2.31			2.31	0.26	0.26
9	Vehicles	1700	3.60%	0.37			0.37	0.33			0.33	0.04	0.04
10	Furniture& Fixtures	1800	3.60%	0.17			0.17	0.14			0.14	0.03	0.03
11	Computers	1900	3.60%	0.53			0.53	0.45			0.45	0.08	0.08
12	Office Equipment	2100	3.60%	0.27	0.00		0.28	0.22			0.22	0.05	0.05
13	Intangible Assets	2200	3.60%	0.01			0.01	0.01			0.01	-	-
	Total		**2.61%**	**127.08**	**-**	**-**	**127.08**	**111.05**	**3.32**	**-**	**114.37**	**16.03**	**12.71**

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RTS-B

Form 5: Interest and finance charges on loan

A. Normative Loan **(Rs. Crore)**

S. No.	Particulars	FY 2024-25		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		88.96	88.96
2	Cumulative Repayment till the year		111.05	111.05
3	Opening Balance of Net Normative Loan	**0.00**	**0.00**	**0.00**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		0.00	0.00
6	Repayment of Normative loan during the year		3.32	3.32
7	Closing Balance of Net Normative Loan		**0.00**	**0.00**
8	Closing Balance of Gross Normative Loan		**85.64**	**85.64**
9	Average Balance of Net Normative Loan		**0.00**	**0.00**
10	Weighted average Rate of Interest on actual Loans (%)		9.55%	9.55%
11	Interest	**0.00**	**0.00**	**0.00**
12	Finance charges			
13	Total Interest & Finance charges	**0.00**	**0.00**	**0.00**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 Apr - Mar Projected
1	**Loan 1**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
2	**Loan 2**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
	.....			
	Total			
	Opening Balance of Loan	0.00	0.00	0.00
	Addition of Loan during the year	0.00	0.00	0.00
	Loan Repayment during the year	0.00	0.00	0.00
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)	0.00%	0.00%	0.00%
	Interest	0.00	0.00	0.00
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	0.00	0.00	0.00

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RTS-B
Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		15.39	15.39
2	Cost of coal for generation		23.08	23.08
3	Cost of secondary fuel oil		6.29	6.29
4	O&M expenses		1.98	1.98
5	Maintenance spares		1.27	1.27
6	Receivables1		49.02	49.02
	Less:			
7	Payables for Fuels2		29.37	29.37
8	Total Working Capital requirement	**0.00**	**67.66**	**67.66**
9	Interest rate		10.41%	10.41%
10	Interest on working capital	**0.20**	**7.04**	**7.04**
			1.23	1.23

Note:

1 In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
RTS-B
Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		38.124	38.124
2	Capitalisation during the year		0.00	0.00
3	Equity portion of capitalisation during the year	0.00	0.00	0.00
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**38.12**	**38.12**
	Rate of Return on Equity			
6	Base rate of Return on Equity	11.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**7.90**	**7.90**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.00**	**0.00**
11	**Total Return on Equity**	**1.03**	**7.90**	**7.90**
	Note:		1.39	1.39

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
RTS-B
Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.02	0.02
2	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.01	0.01
3	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.04	0.04
4	WATER CHARGES		0.00	0.00
5	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.11	0.11
6	CURRENT CONSUMPTION CHARGES		0.35	0.35
7	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.15	0.15
8	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.02	0.02
9	INCOME FROM SALE OF ASH		0.79	0.79
10	PROFIT ON SALE OF FIXED ASSETS		-	-
11	INCOME FROM SALE OF SCRAP		0.05	0.05
12	INCOME FROM SALE OF COAL REJECTS		0.12	0.12
13	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
14	OTHER RENTAL OR LETTING OUT		0.03	0.03
15	SALE OF TENDER SPECIFICATIONS		0.01	0.01
16	VENDOR REGISTRATION FEE		0.00	0.00
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.09	0.09
18	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00
19	OTHER INCOME - CONSULTANCY PROJECTS		0.00	0.00
	Total	**0.26**	**1.80**	**1.80**

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RTS-B

Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25
		April-March
		Actual
1	**Unit 1 / Station 1**	
A.	**Planned Outages**	
	No of days of outage	
	Period of Outage	
	Reasons for Outage	(enclosed as Annexure)
B.	**Forced Outages**	
	No of days of outage	
	Period of Outage	
	Reasons for Outage	
2	**Unit 2 / Station 2**	
	.....	
	.....	
	.....	

Note:
Details of outages should be submitted for each Unit of each station separately

TGGENCO
RamagundamThermal Power Station- B (1 x 62.5 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25	Current Year; 2025-26			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 2
		Actual	Actual	Estimated	Estimated	Projected
1	Unit 1 / RTS- B		Unit was handtripped and shut down from 04-06-2024 onwards due to Mills problem. Phsing out is approved by Board			**Phsing out is approved by Board**
A.	**Planned Outages**					
	No of days of outage	Nil				
	Period of Outage	Nil				
	Reasons for Outage	Nil				
B.	**Forced Outages**	8				
	No of days of outage	339.68 Days				
	Period of Outage (Hrs)	8152:18:00				
	Reasons for Outage	Annexure enclosed				

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

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RTS-B
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Actual	Claimed	
1	Installed Capacity	MW	62.5			
	COD		17.10.1971			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	85	85	85	
2.2	Actual/Projected Availability	%		**20.58**	**20.58**	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	85	85	85	
3.2	Actual/Projected PLF	%		**21.97**	**21.97**	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		16.14	**16.14**	
4.2	Actual/Projected Gross Generation	MU		**21.09**	**21.09**	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	10	10	10	
5.2	Actual/Projected Auxiliary Energy Consumption	%		**23.46**	**23.46**	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		**4.95**	**4.95**	
5.4	Net Generation	MU		**16.14**	**16.14**	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	3000	3000	3000	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		**3635**	**3635**	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		**17.30**	**17.30**	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	**0.8**	**0.8**	
8.2	Actual/Projected Transit Loss	%				

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RTS-B
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25				
			Apr	May	Jun	Jul	Aug
A	**Opening Quantity**						
1	Opening quantity of coal	MT	6876	3889	4435		
2	Value ot stock	Rs.in Crs	3.45	2.09	2.31		
B	**Procurement**						
3	Quantity of coal suppllied by the coal company	MT	6765	10428	0		
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT					
5	Coal supplied by coal company (3+4)	MT	**6765.32**	**10428**	**0**		
6	Normative transit and handling loss	MT	54	83	0		
7	Net coal supplied	MT	**6711.19744**	**10344.6**	**0**		
C	**Price**						
8	Amount charged by coal company	Rs.in Crs	3.46	5.03			
9	Adjustment in amount charged by the coal company	Rs.in Crs	0.17	0.04			
10	Handling, sampling and such other similar charges	Rs.in Crs	0.14	0.14	0.00		
11	Total amount charged (8+9+10)	Rs.in Crs	**3.77**	**5.20**	**0.00**		
D	**Transportation**						
12	Transportation charges						
	By rail	Rs.in Crs	0.07	0.12	0.00		
	By road	Rs.in Crs					
	By ship	Rs.in Crs					
	...	Rs.in Crs					
13	Adjustment in amount charged by the coal transporter	Rs.in Crs					
14	Demurrage charges, if any	Rs.in Crs					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs					
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.070	0.120	0.000		
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	**3.84**	**5.32**	**0.00**		
E	**Total Cost**						
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	**5366.94**	**5206.80**	**5206.80**		
19	Blending Ratio (Domestic/Imported)						
20	Weighted average cost of coal for preceding three months	Rs./MT					
F	**Quality**						

21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg					
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg					
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg					
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg					
25	Weighted average GCV of coal as Billed	kcal/kg	4344	4168	0		
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	3561	3650.89	3682.488		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	3742	3712	3572		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg					
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg					
30	Weighted average GCV of coal as Received	kcal/kg	3650.89	3682.49	3682.49		

Note:

1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3 Details to be provided for each source separately. In case of more than one source, add additional column.
4 Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited
RTS-B
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	Apr-24		May-24		Jun-24	
			HFO	HSD	HFO	HSD	HFO	HSD
A	**Opening Quantity**							
1	Opening quantity of oil	KL	44	27	45	40	47	0
2	Value ot stock	Rs.in Crs	0.27	0.26	0.29	0.39	0.31	0.00
B	**Procurement**							
3	Quantity of oil supplied by the oil company	KL	73	80	97	60	0	40
4	Adjustment in oil quantity supplied by the oil company	KL						
5	oil supplied by oil company (3+4)	KL	73	80	97	60	0	40
6	Normative transit and handling loss	KL						
7	Net oil supplied	KL	73	80	97	60	0	40
C	**Price**							
8	Amount charged by oil company	Rs.in Crs	0.47	0.77	0.67	0.58	0.00	0.39
9	Adjustment in amount charged by the oil company	Rs.in Crs						
10	Handling, sampling and such other similar charges	Rs.in Crs						
11	Total amount charged (8+9+10)	Rs.in Crs	0.47	0.77	0.67	0.58	0.00	0.39
D	**Transportation**							
12	Transportation charges							
	By rail	Rs.in Crs						
	By road	Rs.in Crs						
	By ship	Rs.in Crs						
	...	Rs.in Crs						
13	Adjustment in amount charged by the oil transporter	Rs.in Crs	0					
14	Demurrage charges, if any	Rs.in Crs	0					
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs	0					
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	0.47	0.77	0.67	0.58	0.00	0.39
E	**Total Cost**							
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	63164.98	97119.03	67024.65	96749.26	67024.65	96859.25
19	Blending Ratio (Domestic/Imported)							
20	Weighted average cost of oil for preceding three months	Rs./KL						
F	**Quality**							
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre						
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre						
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre						
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre						
25	Weighted average GCV of Oil as Billed	kcal/litre						
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre						
27	GCV of Domestic Oil supplied as received at Station	kcal/litre						
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre						
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre						
30	Weighted average GCV of Oil as Received	kcal/litre	9831					

Note:

	Particulars							
1	Consumptions for the month of April	KL	71.49	64.15	95.91	100.43	19.73	13.16
2	Other issues HSD oil Automobiles (RTS)	KL		2.14				
3	value	Rs.in Crs	0.45	0.62	0.64	0.97	0.13	0.13
4	Consumption rate	Rs./KL	79223.46		82229.56		78963.21	

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Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	10	23.46	23.46
Gross Station Heat Rate	GSHR	kcal/kWh	3000	3635	3635
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	17.30	17.30
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9381	9381	9381
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.08	0.08	0.08
Gross Calorific Value of Coal	CVPF	kcal/kg	3575	3575	3575
Landed Price of Coal	LPPF	Rs./kg	5.28	5.28	5.28
Specific Coal Consumption		kg/kWh	0.84	0.97	0.97
Coal Rate		**Rs./kWh**	4.918	6.705	6.705
Oil Rate		**Rs./kWh**	0.045	1.827	1.827
ECR		**Rs./kWh**	**4.963**	**8.532**	**8.532**

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RTS-B
Form 13: Sales

FY 2023-24
Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	13.85	17.36	15.01	17.36	16.95	2.45	1.21	13.15	16.21	17.45	14.20	9.34	154.54
TGNPDCL (29.45%)	5.78	7.24	6.26	7.25	7.07	1.02	0.51	5.49	6.77	7.29	5.93	3.90	64.51
Total	19.63	24.60	21.27	24.61	24.02	3.47	1.72	18.64	22.98	24.74	20.13	13.24	219.05

FY 2024-25

(MU)

Revised Proposal													
Beneficiary	Actuals						Estimated						Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	6.02	5.21	0.16										11.39
TGNPDCL (29.45%)	2.51	2.18	0.07										4.75
Total	8.53	7.39	0.23										16.14

Telangana Power Generation Corporation Limited

RTS-B (1 X 62.50 MW)

Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month (%)	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Cumulative Availability (%)	%	21.03	21.51	20.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	23.83	20.59	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Cumulative PLF (%)	%	23.83	22.19	15.45	0.00	0.00	0.00	0.00	5.76	0.00	0.00	0.00	0.00	
7	Gross Generation (MU)	MU	10.72	9.58	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.09
8	Auxiliary Consumption (MU)	MU	2.20	2.19	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.95
9	Net Generation (MU)	MU	8.52	7.39	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.14
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	4.630	4.630	4.630	4.630	4.630	4.630	4.630	4.630	4.630	4.630	4.630	4.630	
12	Approved Fixed Charges	Rs. Crore	9.45	9.76	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.84
13	Fuel Surcharge	Rs./kWh	5.053	4.863	4.861	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14	Fixed Charges During Month	Rs. Crore	2.34	2.52	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.79
15	Energy Charges Amount	Rs. Crore	2.55	2.21	0.07	-0.07	-0.06	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	4.64
16	Amount of Fuel Surcharge	Rs. Crore	1.76	1.38	0.04	0.07	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	3.37
17	Incentive Amount	Rs. Crore													
18	**Revenue from sale of electricity**	Rs. Crore	**6.65**	**6.12**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12.80**
19	**Other recoveries/adjustments**														
	Fuel (savings)/charge year end adjustment	Rs. Crore													**3.48**
	Non-Tariff Income true-up	Rs. Crore													**-0.72**
-	Water charges	Rs. Crore													**0.06**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													
20	**Total Revenue**	Rs. Crore	**6.65**	**6.12**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**15.62**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

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Tariff Filing Formats - Generation

Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

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Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
				Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal	
A	**Annual Fixed Charges**										
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	180.28	234.28	234.28	190.43	246.67	201.15	257.50	
2	Depreciation	Rs. Crore	Form 4	88.68	17.50	17.50	88.68	17.89	88.68	18.31	
3	Interest and finance charges on loan	Rs. Crore	Form 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	30.45	34.41	34.41	31.17	30.73	31.38	29.28	
5	Return on Equity	Rs. Crore	Form 7	117.51	158.40	158.40	158.38	158.62	158.38	158.84	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	28.00	9.90	9.90	29.13	10.31	30.29	10.73	
7	**Annual Fixed Charges**	**Rs. Crore**		388.92	434.69	434.69	439.53	443.60	449.30	453.20	
B	**Energy Charges**										
1	Energy Charge Rate	Rs./kWh	Form 12	3.840	3.700	3.700	3.180	3.180	2.921	2.921	
2	Scheduled Energy (ex-bus)	MU	Form 10	2770.82	2770.82	2770.82	3214.90	3214.90	3529.25	3529.25	
3	Energy Charges	Rs. Crore		1063.91	1025.18	1025.18	1022.34	1022.34	1030.89	1030.89	
C	**AFC +Energy Charges**	Rs. Crore		1452.83	1459.87	1459.87	1461.87	1465.94	1480.19	1484.09	

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Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
			Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Employee Expenses	Form 2.1		189.16	189.16		198.56		206.50
2	A&G Expenses	Form 2.2		6.87	6.87		7.53		7.98
3	R & M Expenses	Form 2.3		38.25	38.25		40.58		43.02
4	Total O&M Expenses		**180.28**	**234.28**	**234.28**	**190.43**	**246.67**	**201.15**	**257.50**

Note:

1 The projections for the Control Period to be supported by detailed computations

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KTPP-I
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Basic Salary	95.47	100.06	104.06
2	Dearness Allowance (DA)	12.08	12.65	13.15
3	House Rent Allowance	5.03	5.40	5.61
4	Conveyance Allowance	1.15	1.22	1.27
5	Leave Travel Allowance	-	-	-
6	Earned Leave Encashment	12.16	12.58	13.08
7	Other Allowances	19.70	20.75	21.58
8	Medical Reimbursement	1.13	1.13	1.17
9	Overtime Payment	-	-	-
10	Bonus/Ex-Gratia Payments	-	-	-
11	Interim Relief / Wage Revision	0.00	0.00	0.00
12	Staff welfare expenses	2.16	2.29	2.38
13	VRS Expenses/Retrenchment Compensation	-	-	-
14	Commission to Directors	-	-	-
15	Training Expenses	-	-	-
16	Payment under Workmen's Compensation Ac	-	-	-
17	Net Employee Costs	**148.89**	**156.07**	**162.32**
18	Terminal Benefits	-	-	-
18.1	Provident Fund Contribution	-	-	-
18.2	Provision for PF Fund	11.31	11.97	12.44
18.3	Pension Payments	-	-	-
18.4	Gratuity Payment	28.97	30.52	31.74
19	Unfunded past liabilities of pension & gratuity	-	-	-
20	Others	-	-	-
21	**Gross Employee Expenses**	**189.16**	**198.56**	**206.50**
22	Less: Expenses Capitalised			
23	**Net Employee Expenses**	**189.16**	**198.56**	**206.50**

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KTPP-I
Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Rent Rates & Taxes	2.22	2.42	2.57
2	Insurance	-	-	-
3	Telephone & Postage, etc.	0.08	0.09	0.09
4	Legal charges & Audit fee	0.21	0.35	0.38
5	Professional, Consultancy, Technical fee	0.03	0.03	0.03
6	Conveyance & Travel	0.06	0.07	0.07
7	Electricity charges	1.51	1.55	1.65
8	Water charges	0.00	0.00	0.00
9	Security arrangements	0.11	0.07	0.08
10	Fees & subscription	0.28	0.31	0.33
11	Books & periodicals	0.00	0.00	0.00
12	Computer Stationery	-	-	-
13	Printing & Stationery	0.01	0.01	0.01
14	Advertisements	0.06	0.09	0.10
15	Purchase Related Advertisement Expenses	-	-	-
16	Contribution/Donations	-	-	-
17	License Fee and other related fee	-	-	-
18	Vehicle Running Expenses Truck / Delivery Van	0.02	0.03	0.03
19	Vehicle Hiring Expenses Truck / Delivery Van	1.22	1.31	1.39
20	Cost of services procured	-	-	-
21	Outsourcing of metering and billing system	-	-	-
22	Freight On Capital Equipments	0.02	0.03	0.03
23	V-sat, Internet and related charges	-	-	-
24	Training	0.04	0.04	0.05
25	Bank Charges	-	-	-
26	Miscellaneous Expenses	-	-	-
27	Office Expenses	0.01	0.01	0.01
28	Others	0.98	1.11	1.18
29	**Gross A &G Expenses**	**6.87**	**7.53**	**7.98**
30	Less: Expenses Capitalised			
31	**Net A &G Expenses**	**6.87**	**7.53**	**7.98**

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Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Plant & Machinery	32.58	34.58	36.65
2	Buildings	3.45	3.65	3.87
3	Civil Works	-	-	-
4	Hydraulic Works	0.01	0.01	0.01
5	Lines & Cable Networks	1.87	1.98	2.10
6	Vehicles	0.01	0.01	0.01
7	Furniture & Fixtures	0.00	0.00	0.00
8	Office Equipment	0.33	0.35	0.37
9	**Gross R&M Expenses**	**38.25**	**40.58**	**43.02**
10	Gross Fixed Assets at beginning of year	**2548.97**	**2549.23**	**2557.55**
11	R&M Expenses as % of GFA at beginning of year	**1.50%**	**1.59%**	**1.68%**

TGGENCO
KTPP-I
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	Opening Capital Works in Progress					0.00		0.00
2	Capital Expenditure during the year		0.26	0.26		8.32		
3	Capitalisation during the year		**0.26**	**0.26**		**8.32**		
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

TGGENCO

KTPP-I

Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	2024-25									
1			Monitor, Printer	0.02		0.02			22.2(a) - Additional Capitalisation	PO No. 4500035036 Enclosed
2			CCTV Surveillance System and Water Purifier Etc.	0.25		0.25			22.2(a) - Additional Capitalisation	PO No. 4500033141 & 4500033813 Enclosed
	...									
	Total			0.26		0.26				
	2025-26									
1			Design, Engineering, Supply, Erection, Testing &Commissioning of New 2000 KL storage capacity HFO tank in place of damaged existing HFO tank of size 7.5 Mtrs height, 10 Mtrs radius required for Kakatiya Thermal Power Project, Stage-I, as per Design & Fabrication Code: IS - 803, duly dismantling the existing HFO tank pertaining to Fuels-II sub division/MM-II/CHP/KTPP.	5.00	5.00	5.00	Plant Asset	1. Dismantling of the existing damaged HFO tank. 2. Construction of new 2000KL HFO including supply of all the material required for construction and testing. 3.Sand blasting, painting and insulation of the new 2000kl HFO tank	22.2(a) - Additional Capitalisation	Enclosed
2			CHP-MM-I-Design, Engineering, Manufacturing, Testing, Inspection, Supply and Commissioning of 1 No.Crawler type coal blade Bull Dozer of Engine capacity 400 - 450 HP for Coal Handling Plant of KTPP-I&II .	3.00	3.00	1.50	Vehicles	To feed the coal at chp hoppers to bunkers of stage-I & II and making yard and making way to the lorries at hopper shed.	22.2(a) - Additional Capitalisation	Enclosed
3			CHP-MM-I-Procurement of 2 no KOMATSU/CAT/KOBELCO/Tata Hitachi/Hyundai Make Hydraulic Excavator (Quarry Model) for newly constructed Additional CHP& Old CHP RC Hopper , pertaining to SD-I/MM-I/KTPP	1.10	1.10	0.55	Vehicle	The Additional coal handling plant also commissioned and coal feeding has taken through both the hopper. For clearance of coal, removal of boulders at newly constructed Additional CHP RC hopper area, 2 no Hydraulic Excavators are required in addition to the existing excavator.	22.2(a) - Additional Capitalisation	Enclosed
	...		Providing alternate arrangement to existing 11KV colony supply with RMUs and 11KV HT cable along with required cable trays	2.53	2.53	1.27	Plant Asset	Providing alternate arrangement to existing 11KV colony supply with RMUs and 11KV HT cable along with required cable trays	22.2(a) - Additional Capitalisation	Enclosed
	Total					8.32				
	2026-27									
1										
	Total									

** Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

(17)

TGGENCO::KTPP::FORM-18::2024-25-4801

Cost Ctr	Class	Asset	Asset Description	Cap.date	Acquisition	PO No
48019959	1900	1900004314	MONITOR, LED, 18.5" (25 Nos)	27.01.2025	1,31,422.50	4500035036
48019959	1900	1900004316	Brother Single function Printer Model HL-2180I	21.03.2025	19,449.98	6300002348
100710 Total					**1,50,872.48**	
48019959	2100	2100001885	CCTV SURVEILLANCE SYSTEM	29.10.2024	23,29,497.00	4500033141 & 4500033813
48019970	2100	2100001902	Godrej Split AC	31.03.2025	25,134.00	6300001634
48019944	2100	2100001899	Blue Star Water Dispenser System (Hot,Cold,Nc	28.03.2025	20,000.00	6300002963 & 6300002962
48019970	2100	2100001904	Pedastal Fans (7 No)	31.03.2025	19,250.00	6300001710
48019970	2100	2100001903	2.2 KVA/24V inverter	31.03.2025	14,213.00	6300002112
48019901	2100	2100001896	Water Purifier System	06.03.2025	12,500.00	6300002683
48019901	2100	2100001897	Water Purifier (RO+UV+UF+TDS)	28.03.2025	12,500.00	6300002881
48019901	2100	2100001895	Water Dispenser System	06.03.2025	10,500.00	6300002699
48019954	2100	2100001869	Water Purifier System (RO+UV+UF) 6 Litres cap	01.10.2024	9,849.00	6300001142
48019970	2100	2100001905	Voltas Water Dispencer	31.03.2025	9,500.00	6300000157
48019970	2100	2100001906	Wet and Dry Vaccum Cleaner	31.03.2025	3,995.00	1900000553
100960 Total					**24,66,938.00**	

G. Anuvela Babu
26/4/25

Deputy Chief Controller of Accounts
KTPP/O&M/TG GENCO

Justification for works proposed in FY 2025-26 of Stage-I

1.	**CHP-MM-I-Design,Engineering, Manufacturing, Testing, Inspection and Supply of 02 No.s of BD 355 Bull Dozer for Coal Handling Plant of KTPP-I&II.**		
	Justification		It is to submit that,4 No BD355 Dozers & 5 No BD155 BEML Make Dozers are available in CHP,KTPP are utilizing for feeding coal to Stag-I&II Units, stacking the coal, making way to lorries. Existing 05 no BD155 dozers have completed more than 32,000 running hours. As per M/s BEML norms Life of BD355 dozer is 9 years or 16000 hours. Life of all the BD155 & 2 No BD355 dozers have completed, except 02 No new BD355 Dozers. As the additional coal handling plant has also commissioned and coal feeding has taken through both the hoppers, for smooth operation and for smooth coal feeding from both hoppers at KTPP additional dozers are required. Estimated amount of the procurement of 02 nos. dozers is around 06 Crores. During the breakdown of any BD 355 Dozer engine or any other system, it will cause interruption for coal feeding to bunkers of Stage-I & II Units. Same time available BD 355 Dozer runs more than 18 hours a day continuously, causing overheating of engine, overloading & over burden on the running dozers. Existing 5 No BD 155 Dozers have run more than 25000 running hours & life of the BD 155 Dozers are completed long back. The old dozers are causing huge loss due to heavy fuel consumption and one of the oldest dozers will be scrapped duly following the departmental procedures.
	Expenditure(approx.)		**Rs 6.00 Crores**
	Cost benefit analysis		------
	Improvement in operating norms		Improvement in continuous coal feeding to stage-I&II units. Availability of BD355 dozers without interruption will make the system healthy

2.	**Procurement of 2 no Hydraulic Excavator with HD Bucket for newly constructed Additional CHP RC hopper, pertaining to SD-I/MM-I/KTPP.**		
	Justification		This is to submit that, the Existing L&T, CK72 excavator have completed more than 24000 running hours and Tata-I & Tata-II excavators have completed more than 30000 & 20000 running hours respectively. Life of the above excavators was expired. L&T, CK72 excavator is absolute model and presently not available with L&T. At present, white smoke is observed from both Tata Ex-110 excavators' engine from breather. And radiator cooling water is mixing with engine oil in engine block. It is very much essential to procure the new Excavators as the existing machines are getting old. The old excavators are causing huge loss due to heavy fuel consumption and one of the oldest excavator will be scrapped duly following the departmental procedures.
	Expenditure(approx.)		**Rs. 0.98 Lakhs.**
	Cost benefit analysis		------
	Improvement in operating norms		Improvement in continuous coal feeding to stage-I&II units. Availability of excavators without interruption will make the system healthy.

3.	**Design, Engineering, Supply, Erection, Testing &Commissioning of New 2000 KL storage capacity HFO tank in place of damaged existing HFO tank of size 7.5 Mtrs height, 10 Mtrs radius required for Kakatiya Thermal Power Project, Stage-I, as per Design & Fabrication Code: IS - 803, duly dismantling the existing HFO tank pertaining to Fuels-II sub division/MM-II/CHP/KTPP.**		
	Justification		On 19.10.2018, HFO oil leakage was observed from HFO tank stage-I at 2.40 Mtrs height from bottom around the wind girder at 16:30Hrs. As soon as the leakage observed, the same was informed to CE/O&M/KTPP. In this connection, it was instructed to transfer the HFO oil from stage-I to HFO tank stage-II till the level comes to below the bottom wind girder so as to avoid further leakage of HFO oil from tank-I and to bring the tank to safe zone. Further, The HFO tank insulation was removed totally and the matter was brought to the notice of M/s IOCL. They have inspected the tank and observed that Strake 2 & 4 of HFO tank stage-I where the wind girders are available are found to be corroded due to stagnation of water in it. The corrosion of these shell plates and wind girder couldn't be identified in advance as they were covered by the insulation totally earlier. It is essential to rectify the oil leakage by replacing the strake 2 & 4 using HYDRAULIC GANG JACK SYSTEM and wind girders so as to avoid water stagnation in future by placing a ISA150X150X12mm thick MS angle and for smooth running of Fuel oil pump house Stage-I and also to avoid interruptions in unit emergencies. In this regard, it is to inform that M/s IOCL

			was requested to share some of the agencies who were in this field. Accordingly, M/s IOCL has provided some agencies names. While discussing with them, they have suggested to construct the new tank instead of replace only corroded strakes as we can't measure how much thickness have got eroded exactly around the wind girders. This may lead to collapse of tank while lifting it using Gang Jacks system if strakes were corroded more from inside. Before starting of any work on HFO tank stage-I, Tank should be cleaned totally and de-gasified for any cutting, welding and grinding and also necessary approval should get from Chief Controller of Explosives, Nagpur to start any work in the licensed area. Hence it is proposed to carry out the above works by engaging private agency. This type of work includes charges for skilled technicians, special tools, mobilization & preparation at site etc. It is very essential to take up the reconstruction work of 2000KL HFO Tank as its storage capacity is dropped to 754KL only (upto 2.40mts where leakage observed). The tanks dead stock is 434KL which we are not able to use for Unit emergencies, Hence resultant usable oil stock drops down to 320KL only which will be very less for the capacity of a 500MW Generator. Hence it is requested to take up the work as early as possible
	Expenditure(approx.)		**Rs 5.00Crores.**
	Cost benefit analysis		1) Stored Furnace oil (320KL) is not sufficient for a 500MW capacity generator. Generation loss can be avoided by maintaining sufficient Furnace oil level by constructing a new HFO tank of 2000KL.
	Improvement in		1) Uninterrupted supply of Furnace oil to the boiler in

	operating norms		the event of emergencies or during Start up. 2) Avoiding Collapse of existing damaged tank, thus preventing from loss of fuel oil and avoiding hazardous accidents.

4.TGGENCO-KTPP-1X500MW-Supply of Lead acid, 220V, 2035AH, YHP39, PLANTE type Battery Bank (2.25V/Cell) under buy back scheme for DC Loads of KTPP/Stage-1 along with teak wood supporting stand, insulators, accessories and its erection, Commissioning & Testing.

It is to submit that the indent for Lead acid, 220V, 2035AH,YHP39, PLANTE type Battery Bank for Stage-1/KTPP is submitted for kind perusal and placing P.O. at the earliest. Two Numbers of station battery banks and Two Numbers of unit battery banks were commissioned in the year 2009 for catering the DC loads and emergency loads such as DC EOP, DC JOP of Main turbine, DC SOP of generator, DC Scanner air fan of main boiler, DC EOP's of TDBFP's. Positive plate growth and positive strap growth found in the battery banks in the year 2016. And the central EXIDE team visited to KTPP in 2016 and suggested to do the R&M works for battery banks. R&M works were carried out in December 2016 for Unit Battery bank-2. Unit battery bank-1 and station battery bank-1 R&M works were completed in July-2017 and Station battery bank-2 in August-2017. And M/s. EXIDE suggested that battery banks will be in healthy condition for 5 years from the date of R&M works. Till now 7 years completed already and observed that the acid leak from top lid of containers, the damaged two batteries was replaced from unit battery banks so it is important to replace the battery banks at the earliest to avoid the loss of equipment. And the removed battery banks (2 numbers) will be taken back to the company for by back. In view of above it is planned to procure battery banks in phased manner, now proposed for two (2) nos. of banks out of four(4) no. of banks (220no. of cells).

Justification for Providing alternate arrangement to existing 11KV colony supply with RMUs and 11KV HT cable along with required cable trays

Ring Main unit (RMU is quite essential for isolating the faulty section of the colony by sectionalization of the colony supply to provide protection for the feeding board and for the faster restoration of power supply to the remaining healthy sections of the colony which includes hospital, VIP Guest house and telephone exchange.

Justification for "Procurement of 25/20 MVA (ONAF/ONAN) 21/11.5KV Unit Transformer for KTPP Stage-I(1X500MW)"

i) It is to submit that there are 02 No's of M/s BHEL, Jhansi make 25/20MVA, 21KV/11.5KV Unit Transformers at KTPP/Stage-I to cater the unit loads. It is essential to maintain Unit Transformer as spare to immediately replace in case of any unforeseen flashover and maintain both the Unit Transformers in service.

ii) Further, it is to submit that, 25/20MVA, 21/11.5KV Unit Transformer at KTPP has a history of fault gases in the Dissolved Gas Analysis test of transformer oil. Internal inspection of Unit Transformer#2 was carried out during 2017-18 & 2019-20 Unit overhauls by M/s BHEL service engineer. Furthermore, flashover has occurred in the Unit transformers of same rating received from M/s BHEL in the same lot at KTPS & Dr NTTPS. Being aware about the history of flashovers of Unit Transformers at KTPS & Dr NTTPS, the indent was raised to maintain Unit Transformer as spare at KTPP.

iii) An indent was raised for the subject procurement on proprietary basis for the first time since its inception and the same was cancelled and the competent authority has opined to go for open tender vide reference cited Lr.No.CEG/SEG-1/E4A1/KTPP-I/F.No Unit Transformer/D.No 56/21, Dt:26.05.2021

iv) With reference cited Lr.No.CE/O&M/SE/KTPP/F.No. Unit Transformer/D.No, 475/2021,Dt:26.08.2021, an indent was transmitted for the subject procurement on non-proprietary basis and the same was cancelled by the competent authority vide reference cited above Lr.No.CEG/SEG-1/E3/A9/KTPP-I/F.No Unit Transformer/D.No 609/24, Dt: 20.03.2024.

v) With reference cited O.No:326/SE/A&P/Purchase /KTPP/JUL/2024, Dt: 12.07.2024, an indent was transmitted for the subject procurement on non-proprietary basis and the competent authority opined that, the subject proposal falls in the capital

goods procurement category and requested the details of ERC under the **Capital Investment Plan for the 5th Control Period (FY 2024–29).**

Hence, It is requested to arrange for the allotment of special budget at the earliest. The revised PR under Capital item category will be furnished after obtaining special budget approval. The details of the budget required for the subject procurement are furnished in the Annexure enclosed. This is furnished for information and further necessary action.

Justification for works proposed in FY 2026-27 of Stage-I

1. **Procurement of Hayward Tyler make Boiler Controlled circulating water pump complete assembly (Model;EP06/10907 A/B/C) without casing for 1 X 500MW KTPP Unit.**

   Justification:
   The BCW pump is being critical equipment of the unit, sharing 50% unit load hence it is proposed to procure keep a spare of BCW pump to replace the pump in case of troubleshooting of existing pump.

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TSGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
Telangana
Phone :040-23840266 Fax:040-23849004
E Mail:cgmerp@tsgenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPP(O&M)

To :
M/s INTERACTIVE DATA SYSTEMS LIMITED
PLOT NO:39,TSIIC HARDWARE PARK PH-II
SRISAILAM ROAD,MAMIDIPALLY VILLAGE,
BALAPUR MANDAL,CHANDRAYANAGUTTA
HYDERABAD 500005, Telangana
Phone No:9100077832
Mobile No:04027892367

Vendor Code : 112882
GSTIN : 36AACCI3537P1Z6
PAN No.: AACCI3537P

PO No: 4500033141 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2023 - 24 / / DT. 30.03.2024

Sub: TSGENCO - IS&ERP - Supply of Surveillance Cameras along with accessories required for various locations of Plant and Store Sheds at KTPP Plant - Detailed Purchase Order - Issued.

Ref : 1. Tender Specification No:14/23-24/GM(ERP)/TSGENCO,Dated:27.12.2023 (Tender ID: 487272).
2. Your Offer submitted on e-Procurement platform.
3. Lr.No.CGM (IS&ERP)/GM(ERP)/DE(P)/F.KTPP/D.No:1864/23, Dt:07.03.2024.
4. Your mail Dt:11.03.2024.

1 ACCEPTANCE :
I, acting for, on behalf of, and by the order and direction of Telangana State Power Generation Corporation Limited (herein after called 'TSGENCO'), accept your negotiated prices offered vide ref(4) against this office tender cited at ref(1), and subsequent correspondance at ref(2) & (3)cited, for Supply of Surveillance Cameras along with accessories required for various locations of Plant and Store Sheds at KTPP Plant subject to the Terms & Conditions set out in this Order.

2 SCOPE OF CONTRACT/ORDER :
The scope of this contract covers supply of subject material, as per the as per the Annexure-1 of this Purchase Order.

3 SCHEDULE OF MATERIALS & PRICES :
As per the Annexure-1 enclosed.

PO Amount : Rs. 1,848,150.00
In words : RUPEES EIGHTEEN LAKH FORTYEIGHT THOUSAND ONE HUNDRED FIFTY ONLY

4 PRICE BASIS :
The Prices accepted are on FOR destination to the consignee address. The Price shall remain firm and is not subject to variations on any grounds, till execution of the order.

5 PACKING :
The material shall be adequately & securely packed before despatch, to withstand rough handling during transport up to site and also to prevent damage, corrosion & entrance of foreign matter. The Prices are inclusive of Packing & Forwarding charges.

6 **FREIGHT :**
The prices accepted are inclusive of freight charges. Material shall be despatched on freight paid basis.

7 **TRANSIT INSURANCE :**
The Supplier shall be fully responsible for the delivery of the material in good condition as per Annexure-1 to the Consignee and shall therefore ensure that the consignment(s) are duly insured to cover any risk in transport. Charges for providing transit insurance cover for the consignment(s) shall be to the Suppliers account only. The Supplier shall be solely responsible for settlement of insurance claims, if any, and for replacement of damaged material.

8 **CENTRAL SALES TAX /VAT/GST :**
The prices accepted are exclusive of GST applicable at the time of dispatch. The present applicable GST is 18%.

9 **VARIATION IN TAXES & DUTIES :**
Any variations, either upward or downward, in Goods and Services Taxes (GST) or any new introduction of Taxes/Duties/Levies etc, will be to TSGENCO's account, provided that the supplier adheres to the delivery period as indicated.

In case the Supplier fails to adhere to the stipulated delivery Schedule, up-ward variation in GST or new taxes/duties/levies etc., imposed, if any, beyond the agreed delivery period, shall be to the Supplier's account and if there is any downward variation in GST, the benefit shall be passed on to TSGENCO.

Any reduction in rate of tax on any supply of goods or services, the benefit of input tax credit shall be passed on to TSGENCO by way of commensurate reduction in prices vide section 171 of GST antiprofiteering measure.

10 **DELIVERY PERIOD :**
Delivery of the material as per Annexure-1 shall be made within 6 weeks from the date of receipt of the Purchase Order.

11 **GUARANTEE PERIOD :**
The supplied equipment, should have COMPREHENSIVE ON-SITE MAINTENANCE WARRANTY & SUPPORT, for a total period of ONE Year for Surveillance Cameras and accessories from the date of supply & installation of the equipment at site as per Annexure-1 & 2. A certificate to this effect shall be submitted along with the Bills.

During this warranty period, the supplier shall be responsible for the following:

a. Repair/replacement of parts/components at free of cost.
b. In the event of the equipment failure, maintenance support shall be provided at site at the earliest.
c. In case of necessity of removal and sending any component/equipment to the manufacturers for repair /replacement, stand-by shall be provided within 72 hours so as to ensure uninterrupted use of the equipment.

After repairs/replacements if any, the material shall be delivered free of charge to the site and if the Supplier is not able to execute the same in time, TSGENCO may at its option, to do so at Supplier's risk and expenses and recover the full cost from the Supplier.

12 **TERMS OF PAYMENT :**
a) 100% payment will be made within 30 days after satisfactory completion of Supply and Installation of ordered material as per annexure-1 & 2 and on submission and acceptance of Performance Bank Guarantee as per Clause No.(11) & (14) of this order.

b) For making 100% payment, the following documents are to be submitted by the supplier to the respective consignees.

i) Invoice in Quadruplicate.
ii) Advance stamped receipt.
iii) Letter of Acceptance of Bank Guarantee submitted towards Performance Guarantee of the supplied material,issued by the Chief General Manager(IS&ERP), Room No.201, ERP Competency Centre,GTS Colony, Kalyan Nagar, Hyderabad-500045.

(c) Alternately, 90% payment will be released on submission of necessary documents as at 12 (b) (i) & (ii) and

balance 10% will be released on submission of Bank Guarantee as at (14) & 12(b)(iii) or on expiry of warranty period.

13 SECURITY DEPOSIT :

a) SECURITY DEPOSIT (SD), for 2.5% of the Order Value, i.e., for an amount of Rs.46,204/-(Rupees Forty Six Thousand Two Hundred and Four Only), shall be submitted, within 7 days from the date of receipt of this Purchase Order,in the form of a DD/BC, drawn in favour of " Pay Officer, TSGENCO, Vidyut Soudha, Hyderabad".

(b) Submission of Security Deposit is must for release of the payment. The SD will be refunded / returned, on application, after ensuring receipt of MATERIALS at site in good condition and Configuration of the MATERIALS in all respects and settlement of any/all pending claims.

14 PERFORMANCE BANK GUARANTEE :

Bank Guarantee for an amount equivalent to 10% of the total value of this Order, i.e., Rs.1,84,815/-(Rupees One Lakh Eighty Four Thousand Eight Hundred and Fifteen Only) shall be submitted to this Office, as security towards satisfactory performance of the material supplied, as per the requirements of this Order. The Performance Bank Guarantee shall be issued by any Nationalized/Scheduled bank on non-judicial stamp paper(s) of value Rs.100/-, in TSGENCO standard format as per Annexure-3 with validity for a period covering the guarantee period. Claim period shall be for an additional six months beyond the Validity Period.

Approval of Performance Bank Guarantee is essential for arranging payment. It is advised to submit the BG well in advance to enable us to get authenticity confirmation from the Banker and then accept/process bills. However, in the event of non-submission/non-approval of Performance Bank Guarantee, by the time the payment becomes due, an equivalent amount will be deducted from the bills, while arranging payment.

The Performance Bank Guarantee, or the amount deducted in lieu of the Performance Bank Guarantee, will be returned/refunded, on application, after expiry of the Guarantee Period, after ensuring settlement of any/ all claims.

15 PAYING OFFICER : :

The invoices shall be drawn in favour of Dy.CCA/KTPP(O&M)/Jayashanker Bhoopalpally District-506168.

16 CONSIGNEE : :

The Assistant Divisional Engineer/Stores/KTPP(O&M)/Jayashanker Bhoopalpally District-506168.Ph.No.08713-244102

17 LIQUIDATED DAMAGES :

In the event of any delay in the Supply of Material beyond the stipulated date or any delay in supply of material beyond the stipulated date of completion schedule including any extension permitted in writing, the Corporation reserves the right to recover from the supplier a sum equivalent to 0.5% of the value of delayed materials/equipment for each week of delay and part thereof subject to a maximum of 5% of the total value of the order.

i. Alternatively, the Corporation may resort to give the contract elsewhere at the sole risk and cost of the supplier and recover all such extra cost incurred by the Corporation in procuring the materials by above procedure.

ii. Alternatively Corporation may cancel the Purchase Order completely or partly without prejudice to its right under the alternatives mentioned above.

In case of recourse to alternative i & ii above, the Corporation shall have the right to repurchase the materials which is readily available in the market to meet the urgency of requirements caused by supplier#s failure to comply with the scheduled delivery period irrespective of the fact whether the material/ equipment is similar or not.

18 LOSS OR DAMAGE :

External damages, or shortages, if any, will be intimated to the supplier, within one month from the date of receipt of the material at site. Internal defects, damages or shortages of any integral parts, which cannot ordinarily be detected on a superficial visual examination, will be intimated within two months from the date of receipt of the materials at site. In either case, the defective or damaged items shall be replaced and the shortages shall be made good, by the Supplier, free of cost, within a reasonable period, irrespective of settlement of Insurance Claims, if any.

19 FORCE MAJEURE :

The Supplier shall not be liable for delay or failing to supply the materials/equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamites, Fires,Floods,Frosts,Strikes. Lockouts etc., Only those causes which have a duration of more than 7 days shall be considered for Force Majeure.

The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts to justify. No price variation shall be allowed during the period of Force Majeure and liquidated damages would not be levied for this period.

At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

20 ACKNOWLEDGEMENT :

Please acknowledge the receipt of this order with your confirmation of its acceptance, by you and additional copy enclosed may please be returned with your signature in token of your acceptance.

21 CORRESPONDENCE :

i. All general and technical correspondence should be addressed to Chief General Manager(IS & ERP), Room No.201,ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

ii. All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Consignee at clause(16). Copies shall also be submitted to this office.

iii. A copy of delivery challan/slip and Installation/Configuration reports should invariably be sent to this office for information and future reference.

22 JURISDICTION. :

All or any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad & Secunderabad Cities only. No suit or other legal proceedings shall be instituted elsewhere.

23 CANCELLATION OF ORDER :

The Corporation reserves the right to cancel the order in part or in full by giving two weeks notice thereof if:
- The supplier fails to comply with any of the terms of the order.
- The supplier becomes bankrupt or goes into liquidation.
- The supplier makes general assignment for the benefit of the creditors and
- Any Receiver is appointed for the property owned by the supplier.

Enclosures:
Annexure-01- Schedule of Materials.
Annexure-02- Locations of cameras to be installed at KTPP Plant & Store sheds.
Annexure-03- Proforma for Performance Bank Guarantee.

For & On behalf of TSGENCO

Chief General Manager (IS&ERP)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

The Chief Engineer/KTPP(O&M)/TSGENCO/Chelpur(V),Ghanpur(M), Jayashanker(D) -506168.
The General Manager/ERP/TSGENCO/TS SHAKTHI Building/GTS Colony/ Hyderabad-500045.
The DYCCA/KTPP/TSGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The Senior Accounts officer/P&A/TSGENCO/VS/Hyderabad-500082.
The Pay officer/TSGENCO/Vidyut Soudha/Hyderabad-500082.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Jayashanker Bhoopalpally District- 506168.

Annexure - 1

PO No: 4500033141 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2023 - 24 / / DT.30.03.2024

Sub: TSGENCO - IS&ERP - Supply of Surveillance Cameras along with accessories required for various locations of Plant and Store Sheds at KTPP Plant - Detailed Purchase Order - Issued.

S.No.	Material Code (HSN) Description		UOM	Qty	Unit Price	Per	Total Value
1	300001433	(85258090)	LS	1	1848150.00 INR	1	1848150.00

SUPPLY OF SURVEILLANCE CAMERAS ALONG WITH ACCESSORIES REQUIRED FOR VARIOUS LOCATIONS OF PLANT AND STORE SHEDS AT KTPP PLANT CONSISTING OF FOLLOWING:

1. 4MP Bullet IP Cameras, IR 60 Mtrs Verifocal 2.8-12mm with Metal Body - CP Plus make CP-UNC-TB41ZL6-VMDS - 20 Nos

2. 4MP Bullet - Day & Night Vision IP Cameras, IR 50 Mtrs Fixed lens 3.6MM with Metal Body - CP Plus make CP-UNC-TA41L5C-D-V3 - 112 Nos

3. 4MP Network IR Dome Cameras,3.6 Fixed Lens upto 2560 x 1440 Full HD Resolution, IR Range upto 30 Mtrs.- CP Plus make CP-UNC-DA41PL3 - 8 Nos

4. 128 CH. NETWORK VIDEO RECOREDER 128Ch.H.265+4K Network Video Recorder Up to128 channel IP cameras input smart H.265+/H.265/Smart H.264dual codec decoding up to 8MP resolution preview and play back Max 200mbps incoming band width Support of 8 SATA HDDs up to10 TB Each, 2USB (1 USB3.0) HDMI/VGA simultaneous video output Support Multi -brand Network cameras ON VIF version2.4 - CP Plus make CP-UNR-4K6128R8-I - 1 No

5. 32 Channel 4K NETWORK VIDEO RECOREDER o 32 Channel IP video access smart .265+/H.265/Smart H.264 dual codec o Support 4 SATA HDDs up to 10TB Each, 2 USB Ports
o 1HDMI/1VGA simultaneous videoo output to Support Multi-brand network cameras with ONVIF support o Mobile Software: iCMOB, gCMOB o CMS Software:KVMSPro - CP Plus make CP-UNR-4K4324-I-1 No

6. Outdoor Weather proof Heavy Duty Aluminium CCTV security Surveillance Camera Housing Mount Enclosure - Any Standard - 45 Nos

7. 8-Port Gigabit POE Unmanaged Switch -8xl0/100/ 1000BASE-Tport,2SFP - D-Link make DGS-1210-10P - 18 Nos

8. 16-Port Gigabit Smart managed PoE Switch -8x10/100/1000BASE-TPoEports,2x Gigabit SFP ports Advanced L2 switching and security features, L2+static routing ,65W PoE budget.- D-Link make DGS-1210-28P - 3 Nos

9. 24/28-Port Gigabit Smart managed Switch -24x10/100/1000BASE-TPorts,2xGigabit RJ 45/SFP Combo ports Advanced L2 switching and security features,L2+static routing, Optional #standard mode #or # surveillance mode# management user interface. - D-Link make DGS-1210-28 - 3 Nos

10. Single mode Single fiber Media converter A Type 10/100/1000 Base TX to1000 Base FX Giga Byte Ethernet Media converter Support upto 20Km distance. - D-Link make DMC-G2000SC - 10 Nos

11. Single mode Single fiber Media converter B Type 10/100/1000 Base TX to1000 Base FX Giga Byte Ethernet Media converter Support upto 20Km distance. - D-Link make DMC-G2000SC - 10 Nos

12. LED Display Monitor (65#inch LED Display, 1920x1080 (FHD),1RR 1side HDMI,RJ-45/2 pole stand, Color black,Voltage,Hz120V, 50/60Hz,Typical 56W. - LG/Samsung - 1 No

13. OFC PATCH CORD (Supply and Delivery of fiber patch cords single mode duplex LC-LC 2Mtrs -D-Link make NCB-FS09D-LCLC-2 - 42 Nos

14. 17U Floor Standing Enclosure Rack- 600x600-STEELwith Welded Side Walls, Casters Set of 4, Glass Door-600-17U,metal Door-600-17U, Mounting Hardware-(Packof 20),FHU with 2 FAN 180CFM,Horizontal Power Distribution Unit with 6x5/15 A sockets round Pin,230 Volts AC,32 Amp with plug, Color: grey orblack, welded to frame, vented

and cable entry, rack standard: ISO standard. -D- Link make NFR-17U-6060-BL-SK - 1 No

15. RJ45 ETHERNET JACK BOOTS(Cat 6UTP Modular Plugs Pack of 100) - D-Link make NPG-C6TRA501-100 - 2 Nos

16. IP 66 JB (200MM x 200MM) for mounting the power adapter for each camera- Any Standard - 140 Nos

Total Amount : Rs. 1,848,150.00

Total Amount in Words : RUPEES EIGHTEEN LAKH FORTYEIGHT THOUSAND ONE HUNDRED FIFTY ONLY

Chief General Manager (IS&ERP)

PO No: 4500033813

TELANGANA POWER GENERATION CORPORATION LIMITED

(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
TELANGANA
Phone :040-23840266/23722599 Fax:040-23849004
E Mail:cgmerp@tggenco.com
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)

To :
M/s SUNSHINE TECHNOLOGIES
#404, KALANJALI CLASSICSCIENTIST COLONY,
HABSIGUDA
SECUNDERABAD 500007, Telangana
Phone No:040-64440004

Vendor Code : 112556
GSTIN : 36ACKFS4315E1Z7

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

AMENDMENT No (1)

Sir / Madam

Sub : TGGENCO - IS & ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Amendment No.(1) - Issued.

Ref :
1 PO.No:4500033813/CGM(IS&ERP)/GM(ERP)/DE/P/N02/2024-25, Dt:13.06.2024.
2. M/s Sunshine Technologies, Hyderabad, letter ref:SST/TGGENCO/ 2028, Dt:17.06.2024.
3. M/s Prama Hikvision India Pvt. Ltd., Hyderabad, letter dt:17.06.2024.
4. Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ Cameras/D.No.310/24, Dt.02.07.2024.
5. M/s Sunshine Technologies, Hyderabad letter Dt.04.07.2024.
6. Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ Cameras/D.No.331/24, Dt.09.07.2024.
7. M/s Sunshine Technologies, Hyderabad mail Dt.11.07.2024.

With reference to the correspondence cited at ref(2) to (7), Ammendment-1 to the Purchase Order at ref(1) cited is issued as follows:

i. The item(11) in Annexure-1 of Purchase Order is deleted.

ii. The Material Description, Quantity, Unit Price and Amount of item(2) in Annexure-1 of the Purchase Prder is to be read as follows:
16 CH NETWORK VIDEO RECORDER(HIKVISION DS-7716NXI-K4) -04 Nos., - Rs.20,938.75 per unit - Amount Rs.83,755.00

iii. The Material Description of item(2), (8), (14) & (20) in Annexure-2 of the Purchase Order is to be read as follows:
16 CH NETWORK VIDEO RECORDER (HIKVISION DS-7716NXI-K4)

iv. The Technical Specifications at Annexure-3 of Purchase Order is revised and to be read as enclosed.

All other Clauses and Terms & Conditions of the Purchase Order remains unaltered.

Yours faithfully

Chief General Manager (IS&ERP)

The Chief Engineer(Construction)/BTPS(4x270MW)/TGGENCO/Manuguru.
The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The Chief Engineer/KTPS-VII stage/TGGENCO/Palvancha /Bhadradri Kothagudem District - 507115.
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad.
The Dy.CCA/BTPS/TGGENCO/Manuguru.
The DYCCA/KTPP/TSGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)
The Senior Accounts Officer/KTPS-VII Stage/TGGENCO/palvancha/Bhadradri Kothagudem District-507115.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad.
The Pay officer/TGGENCO/Vidyut Soudha/Hyderabad
The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/Manuguru.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/ Ghanpur(M)/Jayashankar Bhupalpally(D).
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ Palvancha/Bhadradri Kothagudem(D).
The Assistant Divisional Engineer/Stores/KTPS-VII stage/ Palvancha/Bhadradri Kothagudem Dist.
The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.
The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.
The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.
The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

Annexure - 1

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

S.No.	Material Code (HSN) Description	Qty	UOM	Unit Price	Per	Total Value
1	**200026016** (85258020) 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	34	NO	42000.00 INR	1	1428000.00
2	**100183020** (85219090) 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	4	NO	20938.75 INR	1	83755.00
3	**200026015** (84717020) SURVEILLANCE HARDDISK 10TB, SEAGATE	12	NO	13035.00 INR	1	156420.00
4	**200026387** (8525) 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	27	NO	3450.00 INR	1	93150.00
5	**200031573** (85235220) 256 GB SD Card, SANDISK	21	NO	1430.00 INR	1	30030.00
6	**200006683** (854449) Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1000	M	60.00 INR	1	60000.00
7	**200028810** (854470) Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10	NO	3457.00 INR	1	34570.00
8	**100123872** (39259090) Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16	NO	3950.00 INR	1	63200.00
9	**200025946** (85176290) SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	32	NO	3155.00 INR	1	100960.00
10	**100178302** (853610) Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10	NO	300.00 INR	1	3000.00
11	**200026026** (8525) 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1	NO	5431.00 INR	1	5431.00

S.No.	Service Code (SAC)	Description	Qty	UOM	Unit Price	Per	Total Value
1	(998714)						
1		TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	54,278.00	1	705,614.00
2	(998714)						
1		TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	3.000	EA	54,278.00	1	162,834.00
3	(998714)						
1		TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages.	7.000	EA	54,278.00	1	379,946.00

	(Detailed Scope of work as per Annexure-3)					
4	(998714)					
1		5.000	EA	54,278.00	1	271,390.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)					

Total Amount **:Rs. 3,578,300.00**

Total Amount in Words : RUPEES THIRTYFIVE LAKH SEVENTYEIGHT THOUSAND THREE HUNDRED ONLY

Chief General Manager (IS&ERP)

Annexure - 2

Delivery Schedule

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1				KTPS (O&M)
1		5.000	EA	
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)			
2	200031573	6.000	NO	KTPS (O&M)
	256 GB SD Card, SANDISK			
3	200026387	3.000	NO	KTPS (O&M)
	5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P			
4	200026015	4.000	NO	KTPS (O&M)
	SURVEILLANCE HARDDISK 10TB, SEAGATE			
5	100183020	1.000	NO	KTPS (O&M)
	16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)			
6	200026016	6.000	NO	KTPS (O&M)
	2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)			
7				KTPS-V & VI
1		7.000	EA	
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)			
8	200031573	9.000	NO	KTPS-V & VI
	256 GB SD Card, SANDISK			
9	200026387	8.000	NO	KTPS-V & VI
	5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P			
10	200026015	4.000	NO	KTPS-V & VI
	SURVEILLANCE HARDDISK 10TB, SEAGATE			
11	100183020	1.000	NO	KTPS-V & VI
	16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)			
12	200026016	9.000	NO	KTPS-V & VI
	2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)			
13	200025946	16.000	NO	KTPP(O&M)
	SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK			

S No.	Mat. Code//Description	Qty	UOM	Station Name
14	200026026 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1.000	NO	KTPP(O&M)
15	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	1.000	NO	KTPP(O&M)
16	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	3.000	NO	KTPP(O&M)
17				KTPP(O&M)
1	TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	3.000	EA	
18	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPP(O&M)
19	100178302 Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10.000	NO	BTPS (O&M)
20	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	BTPS (O&M)
21	100123872 Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16.000	NO	BTPS (O&M)
22	200028810 Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10.000	NO	BTPS (O&M)
23	200006683 Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1,000.000	M	BTPS (O&M)
24	200031573 256 GB SD Card, SANDISK	6.000	NO	BTPS (O&M)
25	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	16.000	NO	BTPS (O&M)
26	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	3.000	NO	BTPS (O&M)
27				BTPS (O&M)
1	TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	

S No.	Mat. Code//Description	Qty	UOM	Station Name
28	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	BTPS (O&M)
29	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	16.000	NO	BTPS (O&M)

Chief General Manager (IS&ERP)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
Telangana
Phone :040-23840266 Fax:040-23849004
E Mail:cgmerp@tggenco.com
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s UNITED SYSTEMS & NETWORKS
8-3-166/C/3,BEHIND GOKUL THEATRE
ERRAGADDA
HYDERABAD 500018, Telangana
Phone No:04065575940

Vendor Code : 104107
GSTIN : 36ABZPV1181F1Z2
PAN No.: ABZPV1181F

PO No: 4500035036 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT. 23.11.2024

Sub: TGGENCO - IS&ERP - Supply of 38 Nos., LED Monitors required for KTPP, KTPS-V&VI Stages and Vidyut Soudha - Purchase Order - Issued.

Ref : 1. Tender Specification No:04/24-25/GM(ERP)/TGGENCO,Dated:04.10.2024(Tender ID:549318).
2. Your offer submitted on e-Procurement platform.

1 **ACCEPTANCE :**
I, acting for, on behalf of, and by the order and direction of Telangana Power Generation Corporation Limited (hereinafter called 'TGGENCO'), accept your prices offered vide ref(2), against this office tender cited at ref(1), for Supply of 38 Nos., LED Monitors required for KTPP, KTPS-V&VI Stages and Vidyut Soudha, subject to the Terms & Conditions set out in this Order.

2 **SCOPE OF CONTRACT/ORDER :**
The scope of this contract covers Supply of subject material as per the Annexure -1 & 2 of this Purchase Order.

3 **SCHEDULE OF MATERIALS & PRICES :**
As per the Annexure-1 enclosed.

PO Amount : Rs. 169,290.00
In words : RUPEES ONE LAKH SIXTYNINE THOUSAND TWO HUNDRED NINETY ONLY

4 **PRICE BASIS :**
The Prices accepted are on F.O.R Destination basis to the consignee address. The Price shall remain firm and is not subject to variations on any grounds, till execution of the order.

5 **PACKING & FORWARDING CHARGES :**
The Prices are inclusive of Packing & Forwarding charges. The material shall be adequately & securely packed before dispatch, to withstand rough handling during transport up to site and also to prevent damage, corrosion & entrance of foreign matter.

6 **FREIGHT :**
The prices accepted are inclusive of freight charges. Material shall be dispatched on freight paid basis.

7 **TRANSIT INSURANCE :**
The Supplier shall be fully responsible for the delivery of the material in good condition as per Annexure-1 & 2 to the Consignee and shall therefore ensure that the consignment(s) are duly insured to cover any risk in transport. Charges for providing transit insurance cover for the consignment(s) shall be to the Suppliers account only. The Supplier shall be solely responsible for settlement of insurance claims, if any, and for replacement of damaged material.

8 **CENTRAL SALES TAX /VAT/GST :**
The price accepted at Annexure-1 is exclusive of GST applicable at the time of dispatch. The present applicable GST is 18%.

9 **VARIATION IN TAXES & DUTIES :**
Any variations, either upward or downward, in Goods and Services Taxes (GST) or any new introduction of Taxes/Duties/Levies etc, will be to TGGENCO's account, provided that the supplier adheres to the delivery period as indicated.

In case the Supplier fails to adhere to the stipulated delivery Schedule, up-ward variation in GST or new taxes/duties/levies etc., imposed, if any, beyond the agreed delivery period, shall be to the Supplier's account and if there is any downward variation in GST, the benefit shall be passed on to TGGENCO.

Any reduction in rate of tax on any supply of goods or services, the benefit of input tax credit shall be passed on to TSGENCO by way of commensurate reduction in prices vide section 171 of GST antiprofiteering measure.

10 **DELIVERY PERIOD :**
Delivery of the material as per Annexure-1 shall be made within 4-6 weeks from the date of receipt of the Purchase Order.

11 **GUARANTEE PERIOD :**
The supplied equipment, should have COMPREHENSIVE ON-SITE MAINTENANCE WARRANTY & SUPPORT, for a total period of THREE years from the date of Supply of the equipment at respective locations as per Annexure-2. A certificate to this effect shall be submitted along with the Bills.

During this warranty period, the supplier shall be responsible for the following:

a. Repair/replacement of parts/components at free of cost.
b. In the event of the equipment failure, maintenance support shall be provided at site at the earliest.
c. In case of necessity of removal and sending any component/equipment to the manufacturers for repair /replacement, stand-by shall be provided within 72 hours so as to ensure uninterrupted use of the equipment.

After repairs/replacements if any, the material shall be delivered free of charge to the site and if the Supplier is not able to execute the same in time, TGGENCO may at its option, to do so at Supplier's risk and expenses and recover the full cost from the Supplier.

12 **TERMS OF PAYMENT :**
a) 100% payment will be made within 30 days after satisfactory completion of Supply of ordered material at respective locations as per Annexure-02 and on issue and acceptance of Performance Bank Guarantee as per Clause No.(11) & (14) of this order.

b) For making 100% payment, the following documents are to be submitted by the supplier to the respective consignees.

i) Invoice in Quadruplicate.
ii) Letter of Acceptance of Bank Guarantee submitted towards Performance Guarantee of the supplied material, issued by the Chief General Manager(IS&ERP), Room No.201, ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

13 **SECURITY DEPOSIT :**
a) SECURITY DEPOSIT (SD), for 2.5% of the Order Value, i.e., for an amount of Rs.4,232/-(Rupees Four Thousand Two Hundred and Thirty Two Only), shall be submitted, within 7 days from the date of receipt of this Purchase Order, in the form of a DD/BC, drawn in favour of " Pay Officer, TGGENCO, Vidyut Soudha, Hyderabad".

(b) Submission of Security Deposit is must for release of the payment. The SD will be refunded / returned, on application, after ensuring receipt of MATERIALS at site in good condition and Configuration of the MATERIALS in all respects and settlement of any/all pending claims.

14 PERFORMANCE BANK GUARANTEE :

Bank Guarantee for an amount equivalent to 10% of the total value of this Order, i.e., Rs.16,929/-(Rupees Sixteen Thousand Nine Hundred and Twenty Nine Only) shall be submitted to this Office, as security towards satisfactory performance of the material supplied, as per the requirements of this Order. The Performance Bank Guarantee shall be issued by any Nationalized / Scheduled bank on non-judicial stamp paper(s) of value Rs.100/-, in TGGENCO standard format as per Annexure-3 with validity for a period covering the guarantee period. Claim period shall be for an additional six months over and above the Validity Period.

Approval of Performance Bank Guarantee is essential for arranging payment. It is advised to submit the BG well in advance to enable us to get authenticity confirmation from the Banker and then accept/process bills.

The Performance Bank Guarantee will be returned on application, after expiry of the Guarantee Period, after ensuring settlement of any/all claims.

15 PAYING OFFICER : :

The invoices shall be drawn in favour of Paying Officers of respective Stations as per Annexure-2.

16 CONSIGNEE : :

The material shall be consigned to the following:

1. The Assistant Divisional Engineer/Stores/KTPP(O&M)/Jayashanker Bhoopalpally District-506168.

2.The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(Dist).

3. The Assistant Divisional Engineer/Computers & Maintenance/TGGENCO/Room No.238/A-Block/Vidyut Soudha/Hyderabad-500082.

17 LIQUIDATED DAMAGES :

The delivery schedule mentioned in this Purchase Order shall be deemed to be the essence of this contract. In case of delay in delivery of materials whatever may be the reason, TGGENCO may at its option to demand and recover from the supplier an amount equivalent half percent (0.5%) of value of undelivered quantity for every week of delay, subject to a maximum of 5% of total value of this purchase order. Date of despatch of material will be treated as date of delivery for penalty calculations.

This right of TGGENCO shall be without prejudice to its rights under the law including the right to cancel the contract, forfeit the deposits recover the damages for breach of contract.

18 LOSS OR DAMAGE :

External damages, or shortages, if any, will be intimated to the supplier, within one month from the date of receipt of the material at site. Internal defects, damages or shortages of any integral parts, which cannot ordinarily be detected on a superficial visual examination, will be intimated within two months from the date of receipt of the materials at site. In either case, the defective or damaged items shall be replaced and the shortages shall be made good, by the Supplier, free of cost, within a reasonable period, irrespective of settlement of Insurance Claims, if any.

19 FORCE MAJEURE :

The Supplier shall not be liable for delay or failing to supply the materials/equipment for reasons of Force Majeure such as Act of God, Act of War,Act of Public Enemy,Naturalcalamites,Fires,Floods,Frosts, Strikes. Lockouts etc., Only those causes which have a duration of more than 7 days shall be considered for Force Majeure.

The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts to justify. No price variation shall be allowed during the period of Force Majeure and liquidated damages would not be levied for this period.

At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

20 ACKNOWLEDGEMENT :

Please acknowledge the receipt of this order with your confirmation of its acceptance, by you and additional copy enclosed may please be returned with your signature in token of your acceptance.

21 CORRESPONDENCE :

i. All general and technical correspondence should be addressed to Chief General Manager(IS & ERP), Room No.201, ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

ii. All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Consignee at clause(16). Copies shall also be submitted to this office.

iii. A copy of delivery challan/slip and Installation/Configuration reports should invariably be sent to this office for information and future reference.

22 JURISDICTION. :

All or any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad & Secunderabad Cities only. No suit or other legal proceedings shall be instituted elsewhere.

23 CANCELLATION OF ORDER :

The Corporation reserves the right to cancel the order in part or in full by giving two weeks notice thereof if:
- The supplier fails to comply with any of the terms of the order.
- The supplier becomes bankrupt or goes into liquidation.
- The supplier makes general assignment for the benefit of the creditors and
- Any Receiver is appointed for the property owned by the supplier.

Enclosures:
Annexure-01- Schedule of Materials & Prices.
Annexure-02- Plant wise Allocation Schedule.
Annexure-03- Proforma for Performance Bank Guarantee.

For & On behalf of TGGENCO

Chief General Manager (IS&ERP)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker Bhupalapally Dist - 506168.
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad - 500045.
The DYCCA/KTPP/TGGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)

The Dy.CCA (PAT)/TGGENCO/Vidyut Soduha/Hyderabad - 500082.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad-500082
The Pay Officer/TGGENCO/Vidyut Soudha/Hyderabad - 500082.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/Ghanpur(M)/Jayashankar Bhupalpally(D) - 506168.
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/Palvancha/ Bhadradri Kothagudem(D)- 507115.
The Assistant Divisional Engineer/Computers & Maintenance/TGGENCO/ Vidyut Soudha/Hyderabad - 500082.

Annexure - 1

PO No: 4500035036 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.23.11.2024

Sub: TGGENCO - IS&ERP - Supply of 38 Nos., LED Monitors required for KTPP, KTPS-V&VI Stages and Vidyut Soudha - Purchase Order - Issued.

S.No.	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	300000345 (85285200) Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	NO	38	4455.00 INR	1	169290.00

Total Amount : **Rs. 169,290.00**

Total Amount in Words : RUPEES ONE LAKH SIXTYNINE THOUSAND TWO HUNDRED NINETY ONLY

Chief General Manager (IS&ERP)

Annexure - 2

Plant wise Allocation Schedule

PO No: 4500035036 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.23.11.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	10.000	NO	KTPS-V & VI
2	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	25.000	NO	KTPP(O&M)
3	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	3.000	NO	TGENCO Corporate Office

Chief General Manager (IS&ERP)

PO No: 4900030605

TELANGANA STATE POWER GENERATION CORPORATION LTD

(A Government of Telangana Undertaking)
CORPORATE OFFICE VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
The Chief Engineer/ Civil b
Thermal,
TSGENCO, A-Block,
Vidyut Soudha, Hyderabad-082

To :
M/s SARASWATHI CONSTRUCTIONS
V S S NANADADEEP APARTMENTS,FLAT NO:111,NEXT RTA OFFICE,NEAR SUCHITRA JUNCTION,MEDCHAL RD, SECUDERABAD 500011, Telangana

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)

Vendor Code : 200834
GSTIN : 36ABKFS6289C1ZS

Lr.No.CE/C/Th/SE/C/TCD-II/EE/KTPP/F.No.202(Vol-III)/D.No.226/2023-24,Dt:16.03.2024.

AMENDMENT No (1)

Sir / Madam

Sub : TSGENCO - KTPP-Stage-II-1x600MW- Providing Pipe line network for connecting colony sewage system to sewage treatment plant (STP) and laying treated water line from STP in KTPP Colony at Kakatiya Thermal Power Project Chelpur (V), Ghanpur (M), Jayashankar (Bhupalpally) District- - Supplemental Slip No.1 - Reg

Ref : 1.LOI No.CC-77/ED/C/T/KTPP/ F. STP Pipeline network/ D.No.278/17, Dt:22.03.2018.
2. Proc.No.SE/Civil/Stage-I&II/KTPP/F.No.Pipeline Network/ D.No.1804/ 2019-20, Dt:12.02.2020.
3.L.S.Agreement No.77/2019-20/SE/Civil/Stage-I&II/KTPP
4.Proc.No.CE/C/Th/SE/C/TCD-II/EE/KTPP/F.202-III/D.No.209/23-24, Dt:23.02.2024.
5.Proc.No.SE/C/Stage-I&II/KTPP/F.No./D.No.2338/23-24, Dt: 12.03.2024 (Supplemental Slip No-1 to Original Agreement).

The supplemental slip No-1 to the original L.S Agreement No 77/2019-20/SE/Civil/Stage-I&II/KTPP for the supplemental items for an amount of Rs.16,45,657.47 (excluding provisions) for the subject work is incorporated in P.O No 4900030605 under ERP system as Amendment No.1.

Yours faithfully

Chief Engineer/ Civil (Thermal)

1)Chief Engineer/O&M/KTPP/Chelpur(V)/Ghanpur(M)/Jayashankar (Bhupalpally) Dist.
2)Chief Engineer/TPC/TSGENCO/Vidyut Soudha/Hyderabad
3)FA&CCA(Accounts)/TSGENCO/Vidyut Soudha/ Hyderabad
4)Superintending Engineer/Civil /KTPP/ Stage-I&II/Chelpur (V), Ghanpur (M), Jayashankar (Bhupalpally) Dist.
5)Senior Accounts Officer/P&A/TSGENCO/VS/Hyderabad #82.
6)Dy.CCA/KTPP/Chelpur(V)/Ghanpur(M)/ Jayashankar (Bhupalpally) Dist.

Annexure - 1

Lr.No.CE/C/Th/SE/C/TCD-II/EE/KTPP/F.No.202(Vol-III)/D.No.226/2023-24,Dt:16.03.2024.

S.No.	Service Code - Description (SAC)	Qty	UOM	Unit Price	Per	Total Value
1	(9954)					
1		620.000	M3	99.21	1	61,510.59
	Earth work excavation in ordinary soils upto a depth of 3m for foundations of manhole chambers and sewage water sump depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring ,sheeting, planking, strutting, etc. including dressing of sides and bottom etc as per SS - 20 B (APSS 308) complete for finished item of work as directed by the Engineer-in-Charge at site.					
2		825.000	M3	220.78	1	182,146.49
	Earth work excavation in ordinary rock not requiring blasting upto a depth of 3 m for foundations of manhole chambers and sewage water sump depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring , sheeting, planking, strutting, etc. including dressing of sides and bottom etc as per SS - 20 B (APSS 308) complete for finished item of work as directed by the Engineer-in-Charge at site.					
3		100.000	M3	113.39	1	11,339.07
	Earth work excavation in ordinary soils from 3m deep to 6m depth for foundations of sewage water sump depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring ,sheeting, planking, strutting, etc. including dressing of sides and bottom etc as per SS - 20 B (APSS 308) complete for finished item of work as directed by the Engineer-in-Charge at site					
4		3,800.000	M3	173.62	1	659,741.26
	Earth work excavation in ordinary soils upto a depth of 3m for laying sewage collecting pipeline where the depth is more than 1.5 times the width and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring ,sheeting, planking, strutting, etc. including dressing of sides and bottom etc as per SS - 20 B (APSS 308) complete for finished item of work as directed by the Engineer-in-Charge at site					
5		4,400.000	M3	277.55	1	1,221,235.09
	Earth work excavation in ordinary rock not requiring blasting upto a depth of 3 m for laying sewage collecting pipeline where the depth is more than 1.5 times the width and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring ,sheeting, planking, strutting, etc. including dressing of sides and bottom etc as per SS - 20 B (APSS 308) complete for finished item of work as directed by the Engineer-in-Charge at site					
6		485.000	M3	277.55	1	134,613.41
	Earth work excavation in ordinary rock not requiring blasting beyond 3 m depth to upto a depth of 7m for laying sewage collecting pipeline where the depth is more than 1.5 times the width and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring ,sheeting, planking, strutting, etc. including dressing of sides and bottom etc as per SS - 20 B (APSS 308) complete for finished item of work as directed by the Engineer-in-Charge at site					
7		340.000	M3	1,917.02	1	651,785.54
	Supply and filling of Sand under sewage collecting pipelines including cost and conveyance of Sand at site, labour for filling, watering and ramming all leads and lifts and seinorage charges etc., complete for finished item of work as directed by the Engineer-in-charge.					
8		315.000	M3	3,167.80	1	997,856.71
	Laying of PCC(1:4:8) using 40mm size well graded HBG machine crushed metal for leveling course in foundations including cost and conveyance of all the materials at site including seigniorage charges etc.,on materials, mixing, placing, compacting, curing , all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.(except cost of cement which will be issued by the Dept.at free of cost at Dept. Stores.)					
9		95.000	M3	4,320.70	1	410,466.68
	Laying of PCC M20 nominal mix using 20 mm HBG graded metal for benching and channeling of manholes and bed blocks including cost and conveyance of all materials but excluding cost of cement, including all labour, curing, all leads & lifts, etc., complete for finished item of work as directed by the Engineer-in-Charge. (cement will be issued by Dept at free of cost at departemental stores)					
10		5,115.000	M3	275.97	1	1,411,609.87
	Filling with useful available excavated earth in trenches, sides of foundations and basement with initial lead in layers not exceeding 15 cm thick, consolidating each deposited layer by watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T & P etc., complete for finished item of work as directed by the Engineer-in-Charge at site (APSS NO. 309 & 310)					

11	490.000	M3	1,949.45	1	955,229.36

Construction of Brick Masonry in CM(1:6) using well cured FLY ASH BRICKS of size 230 mmx 110 mm x70 mm and compressive strength not less than 75 kg/sq.cm for man holes and pump room for intermediate collection sump including cost and conveyance of all materials at site (Except cost of cement), labour charges at all elevations, scaffolding charges, curing and all leads & lifts etc., complete for finished item of work for the following floors as directed by the Engineer at site. (Cement and bricks will be issued by the dept. at free of cost at Dept. stores).

12	3,900.000	M2	191.02	1	744,991.30

Plastering with cement mortar (1:3) 20 mm thick for the man holes on both sides,walls of pump room for Intermediate Collection sump with sponge finishing duly adding the water proofing compound, including cost and conveyance of all materials at site including seigniorage charges on materials, (except cost of cement) including all labour, scaffolding charges, curing, all leads & lifts at all elevations, etc., complete for finished item of work for all floors as directed by the Engineer-in-Charge. (Cement will be issued by the Dept.at free of cost at Dept. Stores)

13	35.000	M2	705.12	1	24,679.18

Roofing with 0.47 mm thick Galvalume sheets for pump room including cost and conveyance of all materials, labour charges for erection and fixing with self drilling screws or 'J'Blots and suitable washers etc., complete with all leads and lifts in all heights etc. for finished item of work as directed by the Engineer-in- charge.

14	6.300	MT	13,356.07	1	84,143.24

Providing high yield strength deformed bars (HYSD) / Thermo Mechanically Treated (TMT) / Mild Steel bars (Fe 415 / Fe 500 grade as per IS 1786 -1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying, lap splicing with binding wire of 18SWG, forming grills for reinforcement work as per approved designs and drawings, including conveyance of steel bars, all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting bending, placing in positions, tying complete for finished item work in all floors (Reinforcement Steel will be issued by the Dept. at free of cost at Dept. stores).

15	17.000	M3	6,954.20	1	118,221.36

Laying of M20 grade Design mix Concrete for RCC RAFT FOUNDATIONS of collection sump corresponding to IS 456 using WEIGH BATCHER/ MIXER with 50% of 20mm and 50% of 12 mm size machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate,etc., to site and including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc.,complete but excluding cost of steel and its fabrication charges & cost of cement for finished item of work as directed by the Engineer in charge at site (APSS No. 402) with minimum 350 Kg/Cum cement content as per IS code including pumping, Steel centering plates, Scaffoldong pipes, jacks, bracing, ballies, etc, laying concrete, vibrating, curing etc., complete for finished itwem of work as directed by the EIC (Cement will beissued by the Dept.at free of cost at Dept stores)

16	40.000	M3	9,818.12	1	392,724.75

Laying of M20 grade Design mix Concrete for RCC WALLS of collection sump corresponding to IS 456 using WEIGH BATCHER / MIXER with 50% of 20mm and 50% of 12 mm size machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate,etc., to site and including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc.,complete but excluding cost of steel and its fabrication charges & cost of cement for finished item of work as directed by the Engineer in charge at site (APSS No. 402) with minimum 350 Kg/Cum cement content as per IS code including pumping, Steel centering plates, Scaffoldong pipes, jacks, bracing, ballies, etc, laying concrete, vibrating, curing etc., complete for finished itwem of work as directed by the EIC (Cement will beissued by the Dept.at free of cost at Dept stores)

17	23.000	M3	6,776.28	1	155,854.48

Laying of M20 grade Design mix Concrete for RCC SLAB for collection sump (includes manhole cover slab) corresponding to IS 456 using WEIGH BATCHER / MIXER with 50% of 20mm and 50% of 12 mm size machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate,etc., to site and including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc.,complete but excluding cost of steel and its fabrication charges & cost of cement for finished item of work as directed by the Engineer in charge at site (APSS No. 402) with minimum 350 Kg/Cum cement content as per IS code including pumping, Steel centering plates, Scaffoldong pipes, jacks, bracing, ballies, etc, laying concrete, vibrating, curing etc., complete for finished itwem of work as directed by the EIC (Cement will beissued by the Dept.at free of cost at Dept stores)

18	436.600	RM	677.23	1	295,676.87

	Supplying & laying of 160mm OD of HDPE pipes (4 Kg/ Sq.cm and P.E-80 grade) confirming to IS 14333-2000 for using under ground drainage and Sewerage Systems including cost and conveyance of all materials but excluding cost of HDPE pipe specials, lowering,laying & jointing of HDPE pipes by butt fusion welding as per IS:7634-part-II/1975 as amended from time to time to the alignment and gradient,fixing of HDPE specials wherever required and testing the pipeline to the required pressure, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge					
19		3,294.100	RM	2,505.34	1	8,252,837.20
	Supplying & laying of 315mm OD of HDPE pipes (4 Kg/ Sq.cm and P.E-80 grade) confirming to IS 14333-2000 for using under ground drainage and Sewerage Systems including cost and conveyance of all materials but excluding cost of HDPE pipe specials, lowering,laying & jointing of HDPE pipes by butt fusion welding as per IS:7634-part-II/1975 as amended from time to time to the alignment and gradient,fixing of HDPE specials wherever required and testing the pipeline to the required pressure, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge					
20		993.800	RM	5,888.79	1	5,852,277.42
	Supplying & laying of 500 mm OD of HDPE pipes (4 Kg/ Sq.cm and P.E-80 grade) confirming to IS 14333-2000 for using under ground drainage and Sewerage Systems including cost and conveyance of all materials but excluding cost of HDPE pipe specials, lowering,laying & jointing of HDPE pipes by butt fusion welding as per IS:7634-part-II/1975 as amended from time to time to the alignment and gradient,fixing of HDPE specials wherever required and testing the pipeline to the required pressure, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge					
21		26.000	NO	369.40	1	9,604.30
	Supply of MS flanges (OD 160 mm dia.) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
22		23.000	NO	1,329.12	1	30,569.77
	Supply of MS flanges (OD 315 mm dia.) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
23		13.000	NO	4,175.04	1	54,275.50
	Supply of MS flanges (OD 500 mm dia.) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
24		22.000	NO	1,107.01	1	24,354.14
	Supply of Reducers (OD 160 mm x 180 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
25		22.000	NO	1,428.90	1	31,435.74
	Supply of Reducers (OD 180 mm x 200 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
26		22.000	NO	1,755.53	1	38,621.76
	Supply of Reducers (OD 200 mm x 225 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
27		22.000	NO	2,393.37	1	52,654.10
	Supply of Reducers (OD 225 mm x 250 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
28		22.000	NO	3,400.61	1	74,813.37
	Supply of Reducers (OD 250 mm x 280 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
29		22.000	NO	4,805.74	1	105,726.34
	Supply of Reducers (OD 280 mm x 315 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and					

	conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
30		4.000	NO	5,512.47	1	22,049.88
	Supply of Reducers (OD 315 mm x 355 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
31		4.000	NO	7,779.94	1	31,119.75
	Supply of Reducers (OD 355 mm x 400 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
32		4.000	NO	8,069.75	1	32,279.01
	Supply of Reducers (OD 400 mm x 450 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
33		4.000	NO	10,346.72	1	41,386.89
	Supply of Reducers (OD 450 mm x 500 mm) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
34		22.000	NO	1,643.88	1	36,165.40
	Supply of Tees (OD 160 mm Dia.,) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
35		40.000	NO	11,908.65	1	476,346.07
	Supply of Tees (OD 315 mm Dia.,) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
36		11.000	NO	48,521.87	1	533,740.60
	Supply of Tees (OD 500 mm Dia.,) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
37		5.000	NO	1,367.13	1	6,835.66
	Supply of Bends (OD 160 mm Dia.,) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
38		5.000	NO	10,308.72	1	51,543.60
	Supply of Bends (OD 315 mm Dia.,) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
39		4.000	NO	42,960.71	1	171,842.82
	Supply of Bends (OD 500 mm Dia.,) for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
40		4.000	NO	9,940.51	1	39,762.02
	Supply of End Caps OD 500 mm Dia., for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
41		4.000	NO	1,243.60	1	4,974.41
	Supply of End Caps OD 315 mm Dia., for HDPE pipe fittings as per IS 4984-1995 including cost and conveyance of all materials, loading, unloading and stacking at site, all leads & lifts, taxes and duties etc., complete for finished item of work as directed by the Engineer in charge.					
42		25.000	KG	111.22	1	2,780.40
	Supply of Rubber packing (3mm Thick) including cost and conveyance of all materials and all taxes etc., complete for finished item of work as per standard specifications					
43		50.000	KG	128.28	1	6,413.79
	Supply of Bolts & Nuts with double washers (1/2" to 1") including cost and conveyance of all materials and all taxes etc., complete for finished item of work as per standard specifications					

44	50.000	RM	1,661.66	1	83,082.82

Supply and laying of 300 mm Dia., reinforced cement concrete plain ended pipes of NP-3 class (BIS 458/2003) for road crossings on first class bedding of granular material including cost and conveyance of all materials, lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:2), hemp yarn etc., and testing including filling with water with a water lead upto 500 metres excluding cost of rubber rings as per BIS No.783/85. but excluding excavation, protection works, backfilling, concrete and masonry works in head wall and parapets. Tech Specification Clause 1106 MORD. etc., complete for finished item of work and as directed by the Engineer-in-Charge.(Cement will be issued by the department at free of cost)

45	235.000	RM	2,731.50	1	641,903.60

Supply and laying of 500 mm Dia., reinforced cement concrete plain ended pipes of NP-3 class (BIS 458/2003) for road crossings on first class bedding of granular material including cost and conveyance of all materials, lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:2), hemp yarn etc., and testing including filling with water with a water lead upto 500 metres excluding cost of rubber rings as per BIS No.783/85. but excluding excavation, protection works, backfilling, concrete and masonry works in head wall and parapets. Tech Specification Clause 1106 MORD. etc., complete for finished item of work and as directed by the Engineer-in-Charge.(Cement will be issued by the department at free of cost)

46	80.000	RM	4,604.57	1	368,365.66

Supply and laying of 700 mm Dia., reinforced cement concrete plain ended pipes of NP-3 class (BIS 458/2003) for road crossings on first class bedding of granular material including cost and conveyance of all materials, lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:2), hemp yarn etc., and testing including filling with water with a water lead upto 500 metres excluding cost of rubber rings as per BIS No.783/85. but excluding excavation, protection works, backfilling, concrete and masonry works in head wall and parapets. Tech Specification Clause 1106 MORD. etc., complete for finished item of work and as directed by the Engineer-in-Charge.(Cement will be issued by the department at free of cost)

47	300.000	RM	83.87	1	25,160.63

Supplying & laying of 20mm OD HDPE pipes (16 Kg/ Sq.cm and P.E-100 grade) confirming to IS 14333-2000 for using treated Sewerage & Sullage water which comes from STP including cost and conveyance of all materials but excluding cost of HDPE pipe specials, lowering,laying & jointing of HDPE pipes by butt fusion welding as per IS:7634-part-II/1975 as amended from time to time to the alignment and gradient and testing the pipeline to the required pressure, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge

48	2,350.000	RM	96.48	1	226,727.72

Supplying & laying of 25 mm OD HDPE pipes (16 Kg/ Sq.cm and P.E-100 grade) confirming to IS 14333-2000 for using treated Sewerage & Sullage water which comes from STP including cost and conveyance of all materials but excluding cost of HDPE pipe specials, lowering,laying & jointing of HDPE pipes by butt fusion welding as per IS:7634-part-II/1975 as amended from time to time to the alignment and gradient and testing the pipeline to the required pressure, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge

49	576.000	RM	236.23	1	136,071.19

Supplying & laying of 50 mm OD HDPE pipes (16 Kg/ Sq.cm and P.E-100 grade) confirming to IS 14333-2000 for using treated Sewerage & Sullage water which comes from STP including cost and conveyance of all materials but excluding cost of HDPE pipe specials, lowering,laying & jointing of HDPE pipes by butt fusion welding as per IS:7634-part-II/1975 as amended from time to time to the alignment and gradient and testing the pipeline to the required pressure, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge

50	40.000	NO	1,295.79	1	51,831.42

Supply and fixing of 25 mm Bronze Gate/Globe Valve as per IS 778, class-I, indian make heavy type of following dia including cost and conveyance of valve, labour charges for fixing in all floors and all elevations, complete for finished item of work and as directed by the Engineer-in-Charge.

51	10.000	NO	3,896.62	1	38,966.21

Supply and fixing of 50 mm Bronze Gate/Globe Valve as per IS 778, class-I, indian make heavy type of following dia including cost and conveyance of valve, labour charges for fixing in all floors and all elevations, complete for finished item of work and as directed by the Engineer-in-Charge.

52	45.000	NO	217.71	1	9,796.74

Supply and fixing of 15mm dia., Bronze Ball valve with SS ball and SS spindle as per IS class-I, indian make heavy

	type including cost and conveyance of valve, labour charges for fixing etc., complete for finished item of work.					
53		10.000	NO	3,627.68	1	36,276.77
	Supply and fixing of 50mm dia Gunmetal (GM) air valve with SS ball and SS spindle as per IS class-I, indian make heavy type including cost and conveyance of valve, labour charges for fixing etc., complete for finished item of work.					
54		1,600.000	NO	231.64	1	370,619.38
	Supply, Delivery and Fixing of encapsulated plastic steps for man holes anywhere in Telangana., including cost of materials packing as per standards, loading, transportation, unloading and stacking at site of work etc, complete for the fininshed item of work as directed by EIC					
55		559.030	LS	0.99	1	555.12
	Rounding of the ECV					
2	(9954)					
1		1,536,327.000	LS	1.00	1	1,536,327.00
	Provision Towards EPF @13.15% & ESI @ 4.75% on 30% of Sub-Total					
2		266,102.000	LS	1.00	1	266,102.00
	Provision Towards Labourcess @ 1% of Sub-Total					
3	(9954)					
1		26,610.000	LS	1.00	1	26,610.00
	Provision towards Corpus Fund @ 0.1% of sub-total					
4	(9954)					
1		163.400	RM	534.03	1	87,260.50
	Supplemental item No.1 (A) (Deducible item to Agreement item 16) :Supplying of the 160MM OD HDPE pipes (4 Kg/ Sq.cm and P.E-80 grade) confirming to IS 14333-2000 for using under ground drainage and Sewerage Systems including cost and conveyance of all materials, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge.					
2		355.900	RM	2,105.48	1	749,340.33
	Supplemental item No.1 (B) (Deducible item to Agreement item 16) : Supplying of the 315MM OD HDPE pipes (4 Kg/ Sq.cm and P.E-80 grade) confirming to IS 14333-2000 for using under ground drainage and Sewerage Systems including cost and conveyance of all materials, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge.					
3		156.200	RM	5,179.62	1	809,056.64
	Supplemental item No.1 (C) (Deducible item to Agreement item 16) : Supplying of the 500MM OD HDPE pipes (4 Kg/ Sq.cm and P.E-80 grade) confirming to IS 14333-2000 for using under ground drainage and Sewerage Systems including cost and conveyance of all materials, all leads and lifts, loading, unloading and stacking of pipes at site, all taxes and duties etc., complete for finished item of work as per standard specifications and as directed by the engineer in charge.					
				Total Amount		**:Rs. 28,284,474.66**

Total Amount in Words : RUPEES TWO CRORE EIGHTYTWO LAKH EIGHTYFOUR THOUSAND FOUR HUNDRED SEVENTYFOUR AND PAISE SIXTYSIX ONLY

Chief Engineer/ Civil (Thermal)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
KAKATIYA THERMAL POWER PROJECT
JAYASHANKAR BHUPALAPALLY
Website:www.tggenco.com

From :
Chief Engineer
Kakatiya Thermal Power Project
Chelpur(V),Ghanpur(M)-506170
Jayashanker Bhupalapally (Dt)
Telangana
Phone :08713-244035 Fax:08713-244001

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s IRD MECHANALYSIS LIMITED
E8-14, BHUMI WORLD INDUSTRIAL PARK,
NEAR BHIWANDI,
THANE 421311, Maharashtra
Phone No:91-2248792000
Fax No:02228521814

Vendor Code : 102268
GSTIN : 27AAACC4509P1ZF
PAN No.: AAACC4509P

PO No: 4900043143 CE / KTPP / DE/TECH / B07 / 2024 - 25 / / DT. 26.11.2024

Sub: TGGENCO # KTPP(1X600MW) - Carrying out the rectification of IRD make generator end winding vibration monitoring system in main plant of stage-2 of KTPP - Work Order # Issued - Reg.

Ref :
1. Office Note approval from the Chief Engineer/O&M/KTPP, Dt:11.01.2023
2. Your Offer from M/s IRD Mechanalysis Limited, Dt: 25.01.2023
3. Lr. No.SE/O&M-II/KTPP/F.Work Orders/D.No.3279/22; Dt: 22.02.2023.
4. Lr. No.CE/O&M/SE/A&P/Tech/KTPP/F.No.Nego/D.No.655/2023,Dt:06.03.2023
5. Your Reply via mail, Dt: 24.03.2023, Dt: 04.05.2023, Dt:12.11.2024.
6. Estimate PR.No.1300044314.

1 ACCEPTANCE :
I, acting for, on behalf of, and by the order and direction of TGGENCO, accept your offer cited (2) for the value of Rs. 95,905.00 (Rupees Ninety Five Thousand Nine Hundred and Five Only) exclusive of all Statutory taxes for the work of "Carrying out the rectification of IRD make generator end winding vibration monitoring system in main plant of stage-2 of KTPP" in accordance with the above correspondence, subject to the terms and conditions set out in this order.

2 SCOPE OF CONTRACT/ORDER :
1. Loop Checking of Connections.
2. Functional Check of IRD8800 Modules.
3. Calibration Check of Modules.
4. Issuing summary report on completion of work.

3 SCHEDULE OF WORK & PRICES :
As per Annexure-1.

4 PRICE BASIS :
The prices indicated in Clause No.(3) above are firm and not subject to escalation on any account till the order is executed in full and it#s subsequent amendments (if any arising in future). The price is exclusive of all taxes & levies. No provision is made for price variation during the contract period. GST will be paid extra @ 18%. It is noted that your PAN No.AAACC4509P and GST Registration No.27AAACC4509P1ZF

5 GST/SERVICE TAX AND CESS ON ST :
Goods and Service Tax(GST):Prices accepted in Annexure-I are exclusive of GST which shall be paid extra at actuals. Present rate of GST is 18% for repair, maintenance and services.

6 TERMS OF PAYMENT :
Payment will be made after successful completion of work and within 30 days after receipt of invoice and on submission of the following:
i. Satisfactory report from the concerned field official of TGGENCO.

ii.Invoice/Bill in triplicate to Divisional Engineer/C&I/O&M-II/KTPP for arranging payment immediately as per the above terms. A copy of the invoice shall be marked to this office.
iii.The mode of payment will now exclusively be processed through RTGS Mode.

Bank Details:
Bank Name:ICICI BANK
Branch Name: KALHER BRANCH
Bank Account No: 352505001156
IFSC Code: ICIC0003525

7 **SECURITY DEPOSIT :**
Waived as a special case.

8 **PAYING OFFICER : :**
Senior Accounts Officer, KTPP, TGGENCO.

9 **CONSIGNEE : :**
Divisional Engineer/C&I/Stage-II/KTPP,TGGENCO.

10 **START & COMPLETION OF THE WORK :**
The contract shall be in force upto the 31.03.2025 as and when required or schedule intimated by concerned field engineer.

11 **SPECIAL INSTRUCTIONS :**
1)Working on sunday and any other holiday shall be treated as normal working days without any extra cost.Overtime charges are not applicable.
2)The firm should take necessary precautions against any possible accidents to their workers or damages to the equipment and he alone will be responsible for any untoward incidents occurred while carrying out the above work and the TGGENCO will not accept any responsibility for loss of any material or T & P during the execution of the work.
3)It is your responsibility for the actions of your service personnel and/or the actions carried out under the supervision and guidance of your service peronnel.
4)100% payment will be made within 30 days after successful completion of work and on submission of invoice. Late payment charges are not applicable.
5)Variable rates are not acceptable. The payment will be made for the actual quantities only.
6)You are requested to arrange Insurance to the service personnel deputed to KTPP during the contract period.

12 **LIQUIDATED DAMAGES :**
Waived as a special case.

13 **GENERAL TERMS :**
i)All general and technical correspondence should be addressed to the Chief Engineer/O&M, Kakatiya Thermal Power Project, Chelpur (V) Ghanpur (M) Mandal Jayashankar Bhupalapally Dist.
ii)The Firm should execute the work to the satisfaction of the concerned officials. Viz.DE/C&I/Stage-II/KTPP and SE/O&M-II/KTPP.
iii)Any damage/ breakage of TGGENCO#s equipment etc shall be made good by the Firm at his cost.
iv)The firm shall fully indemnify TGGENCO against all claims whatsoever nature arising out of firm#s gross negligence or willful misconduct and during the course of performing the work under contract,provided however that the firm#s liability shall in no event exceed the value of this contract.
v)All correspondence regarding bills, payment etc should be addressed to the paying officer, "SAO/KTPP/Chelpur", under intimation to this office.
vi)All disputes or differences arising out or touching this order shall be decided by courts or tribunals situated in the twin cities of Hyderabad and Secunderabad only. No suit or other legal proceedings shall be instituted elsewhere.

14 **ACKNOWLEDGEMENT :**
The firm shall acknowledge the receipt of this Order and confirm its acceptance. The additional copy enclosed may please be returned duly signed & stamped, in token of Firm#s acceptance within 7 days from the date of receipt of this order, failing which, it will be presumed that the contents of this order is accepted by the firm in full.

- 340 -

For & On behalf of TGGENCO

Document Dispatch Details:

Dispatch No: Date : LOC Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:
The Superintending Engineer/O&M-II/KTPP/Chelpur.
The Divisional Engineer/C&I/Stage-II/KTPP/Chelpur.
The Senior Accounts Officer/KTPP/Chelpur.

Annexure - 1

PO No: 4900043143 CE / KTPP / DE/TECH / B07 / 2024 - 25 / / DT.26.11.2024

Sub: TGGENCO # KTPP(1X600MW) - Carrying out the rectification of IRD make generator end winding vibration monitoring system in main plant of stage-2 of KTPP - Work Order # Issued - Reg.

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998736)					
1	Service Engineer Visit for Overhauling of Generator end winding vibration monitoring system of Stage II	DAY	3.000	17,635.00	1	52,905.00
2	Administartive charges - This includes to and fro of engineer from Mumbai to KTPP, Hotel Boarding and local transport	LS	1.000	43,000.00	1	43,000.00
				Total Amount :		**Rs. 95,905.00**

Total Amount in Words : RUPEES NINETYFIVE THOUSAND NINE HUNDRED FIVE ONLY

—3422

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
The Chief Engineer/ Civil
Thermal,
TGGENCO, A-Block,
Vidyut Soudha, Hyderabad-082

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPP(Construction)

To :
M/s PARASAKTI CEMENT INDUSTRIES LIMITED
PLOT NO.8-3-214/21
SRINIVASA NAGAR COLONY (WEST)
HYDERABAD 500038, Telangana
Phone No:04044119100
Mobile No:9440800402 Fax No:04044119199

Vendor Code : 102661
GSTIN : 36AABCC4801D1Z9
PAN No.: AABCC4801D

PO No: 5300001465 / / /L22 / 2023 - 24 / / DT. 30.08.2023

Sub: KTPP-Stage -II (1x600MW)- Procurement of 211 MT of PP Cement in Bags required for "Providing of drain with RCC & Stone pitching from brick plant to east side ash pond toe drain at KTPP, Chelpur(V), Ghanpur (M), Jayashankar (Bhupalapally) District"-Purchase order Issued-Reg

Ref : 1.Lr.No.CE/O&M/KTPP/SE/Civil/Stage-I&II/F.No.19/D.No.1771/2022-23, Dt:10.01.2023.
2.Lr.No.CE/O&M/KTPP/SE/Civil/Stage-I&II/F.No.19/D.No.49/2022-23, Dt:28.02.2023
3.Notice Inviting Tender (NIT) .No. SRM e-04/CE/C/Th/TSGENCO/2022-23, ,Proc.No.CE/C/Th/TSGENCO/D.No.173/23,Dt:13.03.2023,SRM.Rfx.No.510000092
3. Tender Opened on 19.04.2023
4. Reverse Auction Dt:20.04.2023.
5. LOI No.CC-12/CE/C/Th/SE/C/TCD-II/KTPP/F.No.Ru.74/D.No.70/23, DT.19.07.2023

1 **ACCEPTANCE :**
I acting, for and on behalf of and by the order and direction of TSGENCO accept the rate for supply of PP Cement as per schedule of material mentioned in Annexure-I of this purchase order in accordance with the cited correspondence and subject to following terms and conditions.

2 **SCHEDULE OF MATERIALS & PRICES :**
As per Annexure-I(Total Amount including freight charges but excluding GST@28%)
PO Amount : Rs. 931,366.66
In words : RUPEES NINE LAKH THIRTYONE THOUSAND THREE HUNDRED SIXTYSIX AND PAISE SIXTYSIX ONLY

3 **PRICE BASIS :**
The prices are firm till completion of supplies.

4 **PACKING & FORWARDING CHARGES :**
Inclusive. The material shall be adequately & securely packed before dispatch to withstand rough handling during transportation up to site.

5 **FREIGHT :**
The prices are inclusive of freight charges.

6 **CENTRAL SALES TAX /VAT/GST :**
The Prices are Exclusive of GST @ 28%

7 **VARIATION IN TAXES & DUTIES :**
(a) Within Contractual Delivery Period: Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO's account, provided that the materials are dispatched

within the Delivery period stipulated in Clause No.8.

(b) Beyond Contractual Delivery Period: In case of any deviation in executing the Order within the stipulated Delivery Period, for reasons not attributable to TSGENCO, any upward variation in taxes or imposition of new taxes etc, beyond the agreed Delivery period, shall be to the SUPPLIER'S Account. However, in case of downward variation, the benefit shall be passed on to TSGENCO.

If the order is executed beyond stipulated delivery period and reason for delay are attributed to TSGENCO, delivery period will be extended. Any variations, either upward or down ward, or any new introductions in statutory taxes/duties/levies etc., will be to TSGENCO's account during extended period.

8 DELIVERY PERIOD :

(a) The delivery of cement should be completed within 6 months from the date of receipt of this purchase order. However, you are requested to contact the Superintending Engineer,Civil,KTPP-Stage-I&II, for draw down delivery schedule.contact.no.9490612001

(b) The date of receipt of material at destination stores in good condition will be taken as the date of delivery.

(c)The delivery challans shall be sent to the consignee along with the each consignment and same will be acknowledged by consignee. The acknowledged delivery challans shall be enclosed to the commercial invoice and send to the consignee with a copy to this office.

9 GUARANTEE PERIOD :

(a) The defects if any, noticed from the receipt of material shall be replaced by you within 15 days or any other reasonable time stipulated by TSGENCO, at free of cost. When you do not fulfill your obligations in replacing, rectifying etc., of the damaged/defective materials in part or whole promptly to the satisfaction of the TS GENCO#s officers the TSGENCO reserves the right for not to accept the bills of subsequent dispatches made by you and you only will be responsible for any demurrages, wharfages or damages for such subsequent dispatches.

(b) Further, if no steps are taken within 15 days of receipt of intimation of defects or any other reasonable time stipulated by TSGENCO

(i) TSGENCO may resort to purchasing the material from elsewhere at the sole risk and cost of the supplier and recover from you all such extra cost incurred by the department.

(ii) TSGENCO without any prejudice reserves right to cancel the Purchase Order completely or partly.

10 TERMS OF PAYMENT :

(a) 100% payment towards cost of the cement delivered in good condition will be made within 30 days after receipt of cement and submission of invoices along with receipted delivery challans certified by the consignee and test certificates and presentation of bills in quadruplicate (in the name of paying officer) to the consignee.

Invoices raised from Parasakthi Cement factory at Jettipalem(v),Rentachintal(m),Guntur(Dist) will also be accepted.

11 SECURITY DEPOSIT :

As you are a PSD holder vide Lr.No.CE/C/H/GS/Se/C/H&GS/PSD/TRS/ D.No.191/14,Dt:11.12.2014 for an amount of Rs.10,00,000/- you are exempted from the payment of Security Deposit.

12 PAYING OFFICER : :

Senior Accounts Officer, O&M, KTPP, Chelpur (V), Ghanpur (M) Mandal, Jayashankar Bhupalapally district-506 170, Contact No.9490612600

13 CONSIGNEE : :

Asst. Divisional Engineer, Stores, Kakatiya Thermal Power Project, Chelpur(V) -506 170, Jayashankar Bhupalapally(Dist).contact.no.8500426434

DESTINATION: Stores, Kakatiya Thermal Power Project, Chelpur(V), Ghanpur(M) -506 170, Jayashankar Bhupalapally(Dist).

14 TESTS & TEST CERTIFICATES :

(a)The cement to be supplied shall be Portland Pozzolana Cement conforming to IS 1489/90-91 or latest issue.

(b) The test certificates containing the results of the tests conducted as per IS- 1489/90-91 or latest issue for Portland Pozzolana Cement consignment must be submitted along with invoices. Besides the Test Certificates, the Field Engineers of the TSGENCO may also check the samples, and if found not as per IS standards the same will be summarily rejected. Cement brought from any other cement factory/source will not be accepted.

15 QUANTITY TOLERANCE :

The TSGENCO reserves the right to vary the ordered quantity by ±5% at any time during execution of the order

16 LIQUIDATED DAMAGES :

TSGENCO at its option may impose a penalty calculated at the rate of 1/2% per week delay of such portion of the materials as have not been delivered within the stipulated period, subject to a maximum of 5% of the value of undelivered material within stipulated delivery period.

(i) Alternatively, the Corporation may resort to purchase the material from elsewhere at the sole risk and cost of the supplier and recover all such extra cost incurred by the Corporation in procuring the materials by above procedure.

(ii) Alternatively Corporation may cancel the Purchase Order completely or partly without prejudice to its right under the alternatives mentioned above.

(iii) In case of recourse to alternative i & ii above, the Corporation shall have the right to repurchase the materials which is readily available in the market to meet the urgency of requirements caused by supplier#s failure to comply with the scheduled delivery period irrespective of the fact whether the material are similar or not.

17 FORCE MAJEURE :

You shall not be liable for delay or failing to supply the materials for reasons of Force Majeur such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes and Lockouts etc. Only those causes, which have duration of more than 7 days, shall be considered for force majeure.

The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The corporation will verify the facts and grant such extension of time as facts justify.

No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.

At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation.

18 GENERAL TERMS :

i)All correspondence regarding bills, payments etc., should be addressed to the concerned paying officer under intimation to this office.

ii) A copy of each invoice and delivery challan/slip should invariably be sent to this office for information and future reference.

iii) All and any disputes or differences arising out or touching this order shall be decided by courts or tribunals situated in the twin cities i.e. Hyderabad and Secunderabad only. No suit or other legal proceedings shall be instituted elsewhere.

iv) The receipt of this order may be acknowledged duly discharging on the duplicate copy in token of acceptance of the above terms and conditions and commence your supplies accordingly.The purchase of subject materials is governed by the provisions of APGENCO purchase system manual applicable to TSGENCO.

For & On behalf of TSGENCO

Chief Engineer/ Civil (Thermal)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

1. Chief Engineer, O&M, KTPP, Chelpur (V), Ghanpur (M) Mandal, Jayashankar Bhupalapally district-506 170 (Ph.No.08713-200240, Fax No.08713-244001)
2. Superintending Engineer/Civil,KTPP Stage-I&II,Chelpur (V), Ghanpur (M) Mandal, Jayashankar Bhupalapally district-506 170
3. SAO, KTPP, Chelpur (V), Ghanpur (M) Mandal, Jayashankar Bhupalapally district-506 170
4. Asst. Divisional Engineer, Stores, KTPP, Chelpur (V), Ghanpur (M) Mandal, Jayashankar Bhupalapally district-506 170
5. SAO/P&A/TSGENCO, Vidyut Soudha, Hyderabad - 500 082

Annexure - 1

PO No: 5300001465 / / / L22 / 2023 - 24 / / DT.30.08.2023

Sub: KTPP-Stage -II (1x600MW)- Procurement of 211 MT of PP Cement in Bags required for "Providing of drain with RCC & Stone pitching from brick plant to east side ash pond toe drain at KTPP, Chelpur(V), Ghanpur (M), Jayashankar (Bhupalapally) District"-Purchase order Issued-Reg

S.No.	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	400000538 (25232930)	MT	211	4414.06 INR	1	931366.66
	PORTLAND POZZOLANA CEMENT (PPC) IN BAGS FLY ASH BASED CONFORMING TO IS 1489:PART #I 1991 FOR PROVIDING OF DRAIN WITH RCC & STONE PITCHING FROM BRICK PLANT TO EAST SIDE ASH POND TOE DRAIN AT KTPP, CHELPUR(V), GHANPUR(M), JAYASHANKAR (BHUPALPALLU) DISTRICT					

Total Amount : Rs. 931,366.66

Total Amount in Words : RUPEES NINE LAKH THIRTYONE THOUSAND THREE HUNDRED SIXTYSIX AND PAISE SIXTYSIX ONLY

Chief Engineer/ Civil (Thermal)

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPP(Construction)

To :
M/s BHEL
PS-SPARES AND SERVICES BUSINESS GROUP,
QTR.Nos. C17 TO C20,, BHEL CORPORATE R&D
TOWNSHIP, VIKAS NAGAR
HYDERABAD 500093, Telangana
Phone No:040-27718968
Mobile No:040-27704643

Vendor Code : 111863
GSTIN : 36AAACB4146P1ZG
PAN No.: AAACB4146P

PO No: 5300001511 CEG / SEG-I / EME-III / D14 / 2024 - 25 / / DT. 07.06.2024

Sub: TGGENCO - KTPP-II (1x600MW) - Certain rectification works for attending Boiler heat radiation loss, hot air issue in all 4 corners, rectification of collapse of hot PA duct & ash leakage, Expansion bellow replacement and other works during Capital overhaul 2024-25, on back charge basis to BHEL - Detailed Purchase Order - Issued - Reg.

Ref : 1. Enquiry No.S200013341/CEG/SEG-I/EME-III/D14/23-24, Dt.11.09.2023
2. Offer of BHEL Ref.No.OFR_SB23S0284/TKP-865-SAS/Rev0, Dt.26.09.2023
3. MOM of Negotiations conducted on Dt.09.11.2023
4. Letter of BHEL Ref.No.TKP-865-SAS: 12-23:01, Dt.01.12.2023
5. Lr.No.CEG/SEG-I/E3A7/KTPP-II/F.Heat Loss Service/D.No.468/23, Dt.03.01.2024
6. E-mail of M/s BHEL, Dt.05.01.2024
7. Lr.No.CEG/SEG-I/E3A7/KTPP-II/F.Heat Loss Service/D.No.88/24, Dt.27.05.2024
8. E-mail of M/s BHEL, Dt.01.06.2024

1 **ACCEPTANCE :**

I, acting for, and on behalf of and by the order and direction of Telangana State Power Generation Corporation Limited (herein after called as "TGGENCO" or "CORPORATION") accept the offer of M/s Bharat Heavy Electricals Limited, SSBG (Spares & Services Business Group), Hyderabad (herein after called as "CONTRACTOR"), cited at ref (2), against this office enquiry at ref (1) above, and read with subsequent correspondence cited at (3) to (8), for "Certain rectification works for attending Boiler heat radiation loss, hot air issue in all 4 corners, rectification of collapse of hot PA duct & ash leakage, Expansion bellow replacement and other works during Capital Overhaul 2024-25 of 1x600MW Unit of KTPP Stage-II" on back charge basis to M/s BHEL, PSM (Power Sector Marketing), New Delhi, as detailed in accordance with the above correspondence and subject to the terms & conditions set out in this order.

2 **SCOPE OF CONTRACT/ORDER :**

This order relates to carrying out "Certain rectification works for attending Boiler heat radiation loss, hot air issue in all 4 corners, rectification of collapse of hot PA duct & ash leakage, Expansion bellow replacement and other works during Capital Overhaul 2024-25 of 1x600MW Unit of KTPP Stage-II" on back charge basis to BHEL" as per the Scope of Work mentioned below.

SCOPE OF WORK:

I. Attending Boiler heat radiation loss:

1. Aluminium sheet and mineral wool removal for radiation heat loss locations mentioned.
2. Cutting and removal of radiant roof skin casing as per requirement.
3. Carry out furnace tightness test.

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4. Seal welding wherever required.
5. Restoration of mineral wool and aluminium sheet.

II. Attending Hot air flow issue in all four (4) corners:

1. Removal of aluminium sheet & mineral wool from loose tubes of furnace bottom S-panel.
2. Pourable refractory pouring in S-panel loose tubes (front & rear side).
3. Restoration of mineral wool and aluminium sheet.
4. Seal welding of bottom corner loose tubes.
5. Refractory application in all four corners of bottom furnace loose tubes.
6. Erection and welding of peg fin in side water wall adjacent to outer most tube of S-panel.

III. Rectification of Collapse of hot PA duct and ash leakage:

1. Cutting and removal of existing duct support.
2. Erection and welding duct support.

IV. Expansion bellow replacement:

1. Aluminium sheet and mineral wool removal.
2. Cutting and removal of required expansion bellow.
3. Erection, fit-up and welding of new expansion bellow.
4. Restoration of mineral wool and aluminium sheet.

V. Attending Boiler second pass vibration issue (Baffle plate work):

1. Erection and welding of baffle plate and its attachment.

VI. Assembly of Economizer support tube alignment band, Steam cooled spacer (SCS) tube bend tube, observation door, seal box, etc.:

1. Erection and welding of economiser tube alignment band and its accessories.
2. Erection, fit-up, welding and NDT of steam cooled spacer tube bend (02 Nos.)
3. Bend tube, observation door and seal box fixing:
1. Furnace tube replacement by bend tube wherever required.
2. NDT of bend tube welding joint.
3. Erection, welding and NDT of observation door.
4. Erection, welding and NDT of seal box.
5. Refractory pouring inside seal box.

Exclusions:

1.Re-commissioning of Boiler after works. However, BHEL shall provide assistance till Boiler light up & stabilization of unit.

2.Supply of spares & materials required during works -
However, all the necessary T&P, Scaffolding materials, Consumables like Gas, Welding electrodes (BHEL approved make only) and other general consumables required for the work are in the scope of contractor only.

3.Any kind of Civil, C&I related works.

4.Supply of Insulation for the works.

5.Special T&P, if any supplied by OEM.

6.Arrangement of Power Supply.

7.Arrangement of Compressed air.

8.Any other works not specifically mentioned in the offer.

Additional works:

Any other works which were not mentioned in the offer shall be carried out at extra cost & time as the rectification work is going to be carried out on back charge basis to BHEL.

3 **SCHEDULE OF MATERIALS & PRICES :**

Schedule of works & prices is as per Annexure-I.
PO Amount : Rs. 16,529,050.00
In words : RUPEES ONE CRORE SIXTYFIVE LAKH TWENTYNINE THOUSAND FIFTY ONLY

4 **SCHEDULE OF WORK & PRICES :**

Schedule of works & prices is as per Annexure-I.

I. Reduction in scope of work & recovery from the bills:

1.TGGENCO shall not affect any recovery from the bills without mutual discussions and acceptance to such recoveries.
2.The price offered is meant for scope of work furnished in the offer only. Accordingly, if any work is not executed from the scope and reasons not attributable to BHEL, TGGENCO shall not recover any amount from the bills.
3.However, if any works are not carried out by BHEL from the original scope of work, the proportionate amount to be mutually agreed and minuted by BHEL-Resident Manager/Representative & TGGENCO, before effecting deductions.

II. Additional Charges:

1.Charges for carrying out any additional work, for which BHEL has not indicated any price in the offer and which is beyond the scope of work, if entrusted to BHEL, shall be worked out and a separate offer shall be given for such works.
2.Any testing equipment & special fixture etc., if required, shall be supplied at free of cost as the scope of work is part of BHEL pending point rectification.
3.Specialists, if required, shall be deputed at free of cost as the scope of work is part of BHEL pending point rectification.
4.If any spares are required other than the list of BOM provided by BHEL Trichy, the same shall be supplied at extra cost & time as mutually agreed.

5 **PRICE BASIS :**

The prices accepted in Clause No.3 are firm during currency of the contract and are not subject to any variation on any grounds till the total works are completed.

6 **CENTRAL SALES TAX /VAT/GST :**

The prices accepted in Clause No.3 are exclusive of GST (Goods & Service Tax) which will be paid extra at actual as applicable at the rate prevailing at the time of execution of works. The present rate of applicable GST is 18%.

7 **VARIATION IN TAXES & DUTIES :**

1. Within Contractual Completion Schedule: Any variations, either upward or downward, or any new introductions in statutory taxes/duties/levies etc. shall be to the account of TGGENCO, provided that the subject works are completed within the stipulated completion period.
2. Beyond Contractual Completion Schedule: In case the order is not executed as per the stipulated completion schedule, any upward variation in taxes or the impact of new taxes etc. beyond the agreed completion period shall be borne by the CONTRACTOR only. However, in case of a downward variation, the benefit shall be passed on to TGGENCO.
3. In either case, the CONTRACTOR shall agree that, if any taxes & duties reported to have been paid have not been paid, or a lesser amount has been paid, or on subsequent adjudication or appeal or revision, it is decided that a lesser amount is payable, the CONTRACTOR shall refund such excess amounts claimed from TGGENCO, irrespective of time lag.

8 **GUARANTEE PERIOD :**

Defect Liability Period:

1. The works carried out shall be guaranteed for a period of 3 months from the date of commissioning of the unit against any bad/defective workmanship.
2. M/s BHEL shall take up the rectification works in the next opportunity provided by TGGENCO.

9 **TERMS OF PAYMENT :**

100% payment, along with the applicable taxes & duties, shall be made through RTGS within 30 days of the date of completion of subject works and commissioning of the equipment.

10 **SECURITY DEPOSIT :**

After careful examination of firm's request, as a special case, the firm is exempted from submission of Security Deposit.

11 **PERFORMANCE BANK GUARANTEE :**

After careful examination of firm's request, as a special case, the firm is exempted from submission of Performance Bank Guarantee.

12 **DRAWINGS/QAP/SAMPLE :**

Field Quality Plan:

The firm shall furnish detailed FQP, containing details of reference documents & acceptance criteria for all checks related to all activities as per the scope of work, in the TGGENCO prescribed format, for reference purpose.

13 **SUB VENDORS :**

Sub-Letting of Contract:

1.BHEL shall engage its registered/approved sub-vendor for the subject works to provide workmen, general T&P etc.
2.BHEL shall furnish the list of sub-contract vendors along with their credentials. However, the selection for

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finalization of sub-contractor is under the scope of TGGENCO.

3.After awarding the contract, M/s BHEL shall intimate the same to the Chief Engineer/O&M/KTPP before commencement of the works at site. However, M/s BHEL shall solely be responsible for satisfactory execution of the contract.

14 INVOICING INSTRUCTIONS :

(1) All bills/invoices shall be drawn in favour of the Senior Accounts Officer (O&M), KTPP and shall be submitted to the Chief Engineer (O&M), KTPP, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170 for arranging payment.

(2) The invoice shall clearly indicate all relevant particulars such as the P.O. Reference, Work Description, Quantity, Unit Rate, Total Price, Taxes/Duties applicable etc.

(3) The documentary evidence relating to the payment of taxes & duties shall be submitted along with the invoice.

(4) Invoice Address: BHEL, PSSR, Kakatiya Thermal Power Project, Chelpur.

15 FACILITIES PROVIDED BY GENCO :

Accommodation & Canteen Facilities:

1.Accommodation shall be provided, subject to the availability of rooms in TGGENCO Project Hostel.

2.No Hotel accommodation shall be arranged by TGGENCO.

3.BHEL personnel as well as sub-contractor personnel shall be permitted to use canteen facilities as available at site at a tariff applicable to TGGENCO staff.

4.All medical/hospital & ambulance facilities shall be provided as per the availability at work site.

16 START & COMPLETION OF THE WORK :

Mobilization Period:

1.Mobilization shall be done within 7 days from the date of intimation of shutdown schedule.

2.However, it is requested to mobilize the resources (BHEL Engineers, Labour, T&P etc.) required for ATT (Air Tightness Test) immediately after Unit shutdown for doing ATT preparatory works like insulation & cladding removal as the works on APH, Ducts, Fans, etc. can't be done till ATT completion.

Completion Period:

1.45 days from the date of Unit shutdown.

2.Works shall be carried out on all days including Sundays and other important National Holidays.

3.Any optional/additional works shall also be completed within the stipulated period.

4.The necessary PERT chart shall be submitted and execution of all works shall be done in coordination/concurrence with TGGENCO Site Engineers-in-charge.

Contract Period:

The contract period shall be valid up to 31.12.2024.

17 INSURANCE & LABOUR LICENSE :

EPF & GI:

The contractor shall be solely responsible for contributions towards EPF, Group Insurance, etc. as per the requirements of relevant acts, for the manpower employed. The quoted price will be deemed to include all such contributions. Separate claims on account of the above will not be admitted.

Statutory Requirements:

The contractor shall be solely responsible, even in the event of sub-letting, for ensuring compliance with all the rules & regulations stipulated in relevant acts of the Central or State Governments, such as the Factories Act, Minimum Wages Act etc. whether or not such acts are indicated explicitly.

18 CO-ORDINATION AND CO-OPERATION :

The contractor shall fully coordinate with TGGENCO staff and other contractors working on other connected works in all respects in order to complete the subject works in time.

19 FIRE & SECURITY :

Storage, Security & Insurance:

1.Unloading, Storage, Security and Insurance of all materials shall be in TGGENCO scope.

2.All security arrangements at site to prevent theft and pilferage and protection against fire & other hazards, while equipments are in storage or under maintenance, shall be provided by TGGENCO.

3.M/s BHEL is responsible for any damage/breakage/loss of the equipment. The same shall be replaced/reconditioned at free of cost, limited to BHEL scope of works. The contractor shall be responsible for any damage to the property & personnel of the Corporation, within the power station area arising out of carelessness & negligence on part of the contractor or contractor's employees, and the damage caused should be made good. The relevant cost of damages will be debited to the contractor's bill together with centage charges. Insurance for personnel of contractor, contractor's sub-contractors & their equipment shall be in the scope of Contractor and/or contractor's sub-contractors.

4.Local labour problem during the period of subject works shall be taken care by TGGENCO.
5.TGGENCO shall provide security to BHEL personnel at work place and place of temporary residence.
6.In case of any failure, BHEL liability shall be limited to the contract value.

20 **SPECIAL INSTRUCTIONS :**

Responsibilities of Contractor:

1.Providing BHEL Engineers and Manpower round the clock during the overhaul works.
2.Sufficient skilled service personnel and T&P shall be engaged by the contractor round the clock for exercising proper supervision of the overhaul works in time as per the guidance of TGGENCO Engineers at site.
3.Any testing equipment, special fixtures & special tools required for execution of the works shall be arranged by the contractor.
4.The contractor shall arrange general T&P, general purpose electrodes, consumables like Gas, DPT Kit, DA & O2 gas and other necessary general consumables required for carrying overhaul works.
5.Facilities like mobile cranes & Tractor trailers shall be arranged by the contractor.
6.The contractor should provide the required PPE safety appliances viz. helmet, safety shoes, hand gloves, masks, safety belts etc. to the contractor's workmen.
7.The contractor shall ensure that all persons deployed are thoroughly conversant with the statutory requirements and safety rules governing the work. They have to undertake which may include erection of barriers with identified danger marks around holes or openings, display of warning notices during day time and red lamps in the darkness etc.
8.Every day meeting should be attended for review of overhaul works & planning of next day works from 09:00Hrs to 10:00Hrs & 18:00Hrs to 19:00Hrs.
9.BHEL shall submit preliminary report & final report (3 hard copies spiral bounds and 1 soft copy) including recommendations, if any, within one month after completion of the job (1 copy to Chief Engineer/Generation and 2 copies to the Chief Engineer/O&M/ KTPP).
10.The contractor shall owe complete responsibility for all the fatal/non-fatal accidents to their workers taken place within and outside the premises and the consequences there from. TGGENCO will not pay any compensation.
11.The contractor shall arrange group insurance to contractor's workers/sub-contractor's workers against all types of risks during the execution period.
12.The contractor & all persons engaged by the contractor on the work shall conform in all respects with the provisions of all Acts, Orders, Regulations etc. made by the competent authority with regard to safety, health & welfare of the persons engaged.
13.In case TGGENCO becomes liable to pay any wages/dues/penalties to any statutory authority/Govt. Agency under any of the provisions of the Factories Act, Minimum Wages Act, Workman Compensation Act, Employment of Children Act, or any other laws due to omission of the contractor, TGGENCO may make such payments and shall recover the same from the contractor's bills.
14.The contractor shall provide necessary first aid facilities for the contractor's employees, representatives, workers etc. engaged at site. Sufficient number of contractor's personnel shall be trained in administering first aid.
15.The contractor shall make their own arrangements for transportation of contractor's staff to site from their stay and back.
16.The contractor has to follow the labour laws & rules in vogue.
17.The contractor shall ensure that necessary precautions shall be taken by the employees/workmen deputed to site in view of Covid-19. No extra payments will be made during lockdown/ quarantine restrictions, if any, due to Covid-19.
18.The contractor shall ensure to keep the site reasonably clean on day to day basis and dispose of all scrap/waste material as directed by TGGENCO Engineer-in-charge. On completion of the work, the site shall be left clean & tidy to the satisfaction of TGGENCO Engineer-in-charge.
19.The contractor has to transport the T&P, platform materials, all consumables to the location even when Boiler Lift is not working by making own arrangement at free of cost.
20.The contractor shall comply with all statutory formalities locally and Labour engaged shall be covered under EPF, ESI, etc.

21 **LIQUIDATED DAMAGES :**

As a special case, As the work is going to be carried out on back charge basis to BHEL, as per the request of the firm, LD imposition is waived off.

22 **FORCE MAJEURE :**

1. The contractor shall not be liable for delay or failing to carry out the subject works for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frosts, Strikes and Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for Force Majeure.
2. The contractor shall notify in writing to the corporation the cause of delay within 10 days from the beginning of such delay. The corporation shall verify the facts and grant such extension of time as facts justify. No price variation shall be allowed during the period of Force Majeure.

3. At the option of corporation, the order may be cancelled. Such cancellation would be without liability whatsoever on part of the corporation. In the event of such cancellation, the contractor shall refund any amount advanced or paid to the contractor by the corporation and deliver back any materials issued to the contractor by the corporation and release facilities, if any, provided by the corporation.

23 **ACKNOWLEDGEMENT :**

Please acknowledge the receipt of this Purchase Order with your confirmation of its acceptance. The contractor's acknowledgement of receipt of this Purchase Order may please be sent to this office with the contractor's signature in token of the acceptance within one week, failing which the Purchase Order will be deemed to be accepted by the CONTRACTOR in full.

24 **CORRESPONDENCE :**

(a) All correspondence of general nature shall be addressed to this office.

(b) All correspondence regarding payments, technical and any other field matters shall be addressed to the Chief Engineer/O&M, KTPP, TGGENCO, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170, Telangana State with copies marked to this office.

25 **JURISDICTION. :**

All disputes or differences, arising out of or touching this order, shall be decided by the Courts/Tribunals situated in Hyderabad or Secunderabad cities only. No suit or legal proceedings shall be instituted elsewhere.

For & On behalf of TSGENCO

Chief Engineer (Generation)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

1. The Chief Engineer (O&M), KTPP, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170 - It is requested to recover the amount of Rs.1,95,04,279.00 from the outstanding bills of M/s BHEL, PSM (Power Sector - Marketing), New Delhi at KTPP-II/KTPP-I.
2. The Chief Engineer (Thermal Projects Construction), TGGENCO, Vidyut Soudha, Hyderabad-500082.
3. The Senior Accounts Officer (P&A), Vidyut Soudha, TGGENCO, Hyderabad-500082.
4. The Senior Accounts Officer (O&M), KTPP, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170.

Annexure - 1

PO No: 5300001511 CEG / SEG-I / EME-III / D14 / 2024 - 25 / / DT.07.06.2024

Sub: TGGENCO - KTPP-II (1x600MW) - Certain rectification works for attending Boiler heat radiation loss, hot air issue in all 4 corners, rectification of collapse of hot PA duct & ash leakage, Expansion bellow replacement and other works during Capital overhaul 2024-25, on back charge basis to BHEL - Detailed Purchase Order - Issued - Reg.

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998717)					
1		LS	1.000	3,305,810.00	1	3,305,810.00
	Attending Boiler heat radiation loss as per Scope of work					
2	(998717)					
1		LS	1.000	1,652,905.00	1	1,652,905.00
	Attending hot air issue in all four (4) corners as per Scope of work					
3	(998717)					
1		LS	1.000	1,652,905.00	1	1,652,905.00
	Rectification of collapse of hot PA duct and ash leakage as per Scope of work					
4	(998717)					
1		LS	1.000	4,958,715.00	1	4,958,715.00
	Expansion bellow replacement as per Scope of work					
5	(998717)					
1		LS	1.000	2,479,357.50	1	2,479,357.50
	Attending Boiler second pass vibration issue (Baffle plate work)					
6	(998717)					
1		LS	1.000	2,479,357.50	1	2,479,357.50
	Assembly of Economizer support tube alignment band, steam cooled spacer (SCS) tube bend tube, observation door, seal box etc.					
				Total Amount :		**Rs. 16,529,050.00**

Total Amount in Words : RUPEES ONE CRORE SIXTYFIVE LAKH TWENTYNINE THOUSAND FIFTY ONLY

Chief Engineer (Generation)

TGGENCO
KTPP-I Stage
Form 3.2: Financing of Additional Capitalisation

(Rs. in Crore)

S. No.	Particulars	2024-25	2025-26			2026-27
		Apr-Mar	Apr-Sep	Oct-Mar	Apr - Mar	Apr-Mar
		Actual	Actual	Estimated	Estimated	Projected
1	Additional capitalisation	**0.26**			**8.32**	**0**
2	**Financing Details**					
	Loan 1					
	Loan 2					
	...					
	Total Loan					
3	Equity					
4	Internal Resources	**0.26**			**8.32**	**0**
5	Others (Please Specify)					
6	**Total (2+3+4+5)**	**0.26**			**8.32**	**0**

TGGENCO
KTPP-I
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000	0	22.20	-		22.20	-	-		-	22.20	22.20
2	LAND DEPOSITS	1010		41.58	-		41.58	-	-		-	41.58	41.58
3	BUILDINGS	1100	3.60%	142.69	-		142.69	98.05	1.85		99.90	44.63	42.78
4	LINES AND CABLE NET	1200	3.60%	165.50	-		165.50	146.55	0.21		146.76	18.95	18.74
5	PLANT AND EQUIPMEN	1300	3.60%	1,788.91	-		1,788.91	1,621.54	6.29		1,627.82	167.38	161.09
6	CAPITAL SPARES	1400	3.60%	27.45	-		27.45	10.13	1.52		11.64	17.32	15.80
7	HYDRAULIC WORKS	1500	3.60%	247.12	-		247.12	170.40	3.46		173.86	76.72	73.26
8	OTHER CIVIL WORKS	1600	3.60%	83.99	-		83.99	33.32	2.75		36.06	50.68	47.93
9	VEHICLES	1700	3.60%	23.93	-		23.93	17.36	1.43		18.79	6.57	5.14
10	FURNITURE & FIXTURE	1800	3.60%	1.53	-		1.53	1.28			1.28	0.25	0.25
11	COMPUTERS	1900	3.60%	2.48	0.02		2.49	1.96			1.96	0.52	0.53
12	OFFICE EQUIPMENTS	2100	3.60%	1.59	0.25		1.84	1.08			1.08	0.51	0.76
	Total		**0.69%**	**2548.97**	**0.26**	**0.00**	**2549.23**	**2101.66**	**17.50**	**0.00**	**2119.16**	**447.31**	**430.07**

FY 2025-26													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000	0	22.20			22.20	-	-		-	22.20	22.20
2	LAND DEPOSITS	1010		41.58			41.58	-	-		-	41.58	41.58
3	BUILDINGS	1100	3.60%	142.69			142.69	99.90	1.85		101.75	42.78	40.94
4	LINES AND CABLE NET	1200	3.60%	165.50			165.50	146.76	0.21		146.97	18.74	18.53
5	PLANT AND EQUIPMEN	1300	3.60%	1,788.91	8.32		1,797.23	1,627.82	6.29		1,634.11	161.09	163.13
6	CAPITAL SPARES	1400	3.60%	27.45			27.45	11.64	1.52		13.16	15.80	14.29
7	HYDRAULIC WORKS	1500	3.60%	247.12			247.12	173.86	3.46		177.31	73.26	69.80
8	OTHER CIVIL WORKS	1600	3.60%	83.99			83.99	36.06	3.14		39.20	47.93	44.80
9	VEHICLES	1700	3.60%	23.93			23.93	18.79	1.43		20.23	5.14	3.71
10	FURNITURE & FIXTURE	1800	3.60%	1.53			1.53	1.28			1.28	0.25	0.25
11	COMPUTERS	1900	3.60%	2.49			2.49	1.96			1.96	0.53	0.53
12	OFFICE EQUIPMENTS	2100	3.60%	1.84			1.84	1.08			1.08	0.76	0.76
	Total		**0.70%**	**2549.23**	**8.32**	**0.00**	**2557.55**	**2119.16**	**17.89**	**0.00**	**2137.05**	**430.07**	**420.50**

FY 2026-27													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND &LAND RIGHTS	1000	0	22.20			22.20	-	-		-	22.20	22.20
2	LAND DEPOSITS	1010		41.58			41.58	-	-		-	41.58	41.58
3	BUILDINGS	1100	3.60%	142.69			142.69	101.75	1.85		103.60	40.94	39.09
4	LINES AND CABLE NET	1200	3.60%	165.50			165.50	146.97	0.21		147.18	18.53	18.32
5	PLANT AND EQUIPMEN	1300	3.60%	1,797.23			1,797.23	1,634.11	6.29		1,640.39	163.13	156.84
6	CAPITAL SPARES	1400	3.60%	27.45			27.45	13.16	1.52		14.68	14.29	12.77
7	HYDRAULIC WORKS	1500	3.60%	247.12			247.12	177.31	3.46		180.77	69.80	66.34
8	OTHER CIVIL WORKS	1600	3.60%	83.99			83.99	39.20	3.56		42.75	44.80	41.24
9	VEHICLES	1700	3.60%	23.93			23.93	20.23	1.43		21.66	3.71	2.27
10	FURNITURE & FIXTURE	1800	3.60%	1.53			1.53	1.28			1.28	0.25	0.25
11	COMPUTERS	1900	3.60%	2.49			2.49	1.96			1.96	0.53	0.53
12	OFFICE EQUIPMENTS	2100	3.60%	1.84			1.84	1.08			1.08	0.76	0.76
	Total		**0.72%**	**2557.55**	**0.00**	**0.00**	**2557.55**	**2137.05**	**18.31**	**0.00**	**2155.36**	**420.50**	**402.19**

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Form 5: Interest and finance charges on loan

A. Normative Loan (Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Opening Balance of Gross Normative Loan		1784.28	1784.28		1784.47		1790.71
2	Cumulative Repayment till the year		2101.66	2101.66		2119.16		2137.05
3	Opening Balance of Net Normative Loan	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets							
5	Addition of Normative Loan due to capitalisation during the year1		0.20	0.20	0.00	6.24	0.00	0.00
6	Repayment of Normative loan during the year		17.50	17.50	88.68	17.89	88.68	18.31
7	Closing Balance of Net Normative Loan		**0.00**	**0.00**		**0.00**		**0.00**
8	Closing Balance of Gross Normative Loan		**1766.97**	**1766.97**		**1772.82**		**1772.40**
9	Average Balance of Net Normative Loan		**0.00**	**0.00**		**0.00**		**0.00**
10	Weighted average Rate of Interest on actual Loans (%)		9.95%	9.95%		9.95%		9.95%
11	Interest	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**
12	Finance charges							
13	Total Interest & Finance charges	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 Apr - Mar Projected
1	**Loan 1**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
2	**Loan 2**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)			
	Interest	0.00	0.00	0.00
	Finance charges			
	Total Interest & Finance charges	0.00	0.00	0.00
	.....			
	Total			
	Opening Balance of Loan	0.00	0.00	0.00
	Addition of Loan during the year	0.00	0.00	0.00
	Loan Repayment during the year	0.00	0.00	0.00
	Closing Balance of Loan	0.00	0.00	0.00
	Average Loan Balance	0.00	0.00	0.00
	Applicable Interest Rate (%)	0.00%	0.00%	0.00%
	Interest	0.00	0.00	0.00
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	0.00	0.00	0.00

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Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Cost of coal, towards stock		71.00	71.00		60.77		55.73
2	Cost of coal for generation		106.51	106.51		91.16		83.59
3	Cost of secondary fuel oil		0.77	0.77		1.01		1.07
4	O&M expenses		19.52	19.52		20.56		21.46
5	Maintenance spares		25.49	25.49		25.49		25.58
6	Receivables1		214.50	214.50		192.95		182.87
	Less:							
7	Payables for Fuels2		107.27	107.27		92.17		84.66
8	Total Working Capital requirement	**0.00**	**330.52**	**330.52**	**0.00**	**299.76**	**0.00**	**285.62**
9	Interest rate		10.41%	10.41%	10.08%	10.25%		10.25%
10	Interest on working capital	**30.45**	**34.41**	**34.41**	**31.17**	**30.73**	**31.38**	**29.28**

Note:

1 In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

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Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Regulatory Equity at the beginning of the year		764.69	764.69		764.76		766.84
2	Capitalisation during the year		0.26	0.26	0.00	8.32	0.00	0.00
3	Equity portion of capitalisation during the year	0.00	0.07	0.07	0.00	2.08	0.00	0.00
4	Reduction in Equity Capital on account of retirement / replacement of assets							
5	Regulatory Equity at the end of the year	**0.00**	**764.76**	**764.76**	**0.00**	**766.84**		**766.84**
	Rate of Return on Equity							
6	Base rate of Return on Equity	11.500%	15.500%	15.500%	11.500%	15.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**	**15.368%**	**20.713%**	**20.713%**	**20.713%**
	Return on Equity Computation							
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**158.39**	**158.39**	**0.00**	**158.40**		**158.84**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.01**	**0.01**	**0.00**	**0.22**		**0.00**
11	**Total Return on Equity**	**117.51**	**158.40**	**158.40**	**158.38**	**158.62**	**158.38**	**158.84**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

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Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.10	0.10		0.11		0.11
2	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00		0.00		0.00
3	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.05	0.05		0.05		0.05
4	WATER CHARGES		2.27	2.27		2.36		2.46
5	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.02	0.02		0.02		0.02
6	CURRENT CONSUMPTION CHARGES		0.15	0.15		0.16		0.16
7	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.05	0.05		0.05		0.05
8	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.15	0.15		0.16		0.17
9	INCOME FROM SALE OF ASH		6.32	6.32		6.57		6.83
10	PROFIT ON SALE OF FIXED ASSETS		-	-		0.00		0.00
11	INCOME FROM SALE OF SCRAP		0.23	0.23		0.24		0.25
12	INCOME FROM SALE OF COAL REJECTS		0.40	0.40		0.42		0.43
13	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00		0.00		0.00
14	OTHER RENTAL OR LETTING OUT		0.03	0.03		0.03		0.03
15	SALE OF TENDER SPECIFICATIONS		0.08	0.08		0.08		0.09
16	VENDOR REGISTRATION FEE		0.00	0.00		0.00		0.00
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.05	0.05		0.05		0.05
18	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00		0.01		0.01
19	OTHER INCOME - CONSULTANCY PROJECTS		0.00	0.00		0.01		0.01
	Total	**28.00**	**9.90**	**9.90**	**29.13**	**10.31**	**30.29**	**10.73**

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KTPP-I
Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		April-March	Apr - Mar	Apr - Mar
		Actual	Estimated	Projected
1	**Unit 1 / Station 1**			
A.	**Planned Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage	(enclosed as Annexure)		
B.	**Forced Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage			
2	**Unit 2 / Station 2**			
	.....			
	.....			
	.....			

Note:
Details of outages should be submitted for each Unit of each station separately

TGGENCO

Kakathiya Thermal Power Project (1x500 MW + 1X600 MW)

Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25	Current Year; 2025-26			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 2
		Actual	Actual	Estimated	Estimated	Projected
1	**Unit 1 / KTPP-Stage - I (500 MW)**					
A.	**Planned Outages**	1	Not Scheduled			1
	No of days of outage	29 Days				45 Days
	Period of Outage (Hrs)	11-07-2024 to 09-08-2024 (690:59:00 Hrs)				01-06-2026 to 15-07-2026
	Reasons for Outage	AOH				COH
B.	**Forced Outages**					NIL
	No of days of outage	28	6.5	Nil		
	Period of Outage (Hrs)	429:28:00	157:39:00	Nil		
	Reasons for Outage	Enclosed	Enclosed	Nil		
2	**Unit 2/ KTPP-Stage - II (600 MW)**					
A.	**Planned Outages**	1	Not Scheduled			1
	No of days of outage	54 Days				20 Days
	Period of Outage (Hrs)	16-11-2024 to 09-01-2025 (1310:12:00 Hrs)				15-11-2026 to 04-12-2026
	Reasons for Outage	COH				AOH
B.	**Forced Outages**					**NIL**
	No of days of outage	4.5	5.3	Nil		
	Period of Outage (Hrs)	112:18:00 Hrs	127:00:00	Nil		
	Reasons for Outage	Enclosed	Enclosed	Nil		

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

TELANGANA POWER GENERATION CORPORATION LIMITED
KAKATIYA THERMAL POWER PROJECT

TRIPPINGS DURING FY 2024-25 of STAGE-I (1X500 MW) (Upto MARCH-2025)

TRIP NO.	Trip		Syncronisation		DURATION	Details of outage with root cause
	Date	Time	Date	Time		
	DD/MM/YY	Hrs.Min	DD/MM/YY	Hrs.Min	Hrs.Min	
1	12.04.2024	1.25	13.04.2024	20.52	43.27	Unit hand tripped due to Boiler LTSH inlet header coil tube leak
2	28.04.2024	23.49	29.04.2024	5.43	5.54	Unit tripped on Furnace pressure very low due to PA header pressure Low as control damper of PA fan-A was de-linked.
3	08.05.2024	22.02	09.05.2024	2.00	3.58	Unit hand tripped due to Unit Auxiliary Transformer-1 got tripped on REF Protection.
4	30.05.2024	2.31	02.06.2024	15.44	85.13	Unit hand Tripped due to boiler Platen SH coil tube leak
5	26.06.2024	6.21	28.06.2024	6.26	48.05	Unit hand Tripped due to boiler Reheater area spacer tube leak
6	11.07.2024	6.07	09.08.2024	1.06	690.59	Unit hand tripped for Annual overhaul .
7	14.08.2024	12.28	17.08.2024	1.05	60.37	Unit hand tripped due to boiler RH rear coil tube leak
8	19.08.2024	0.17	20.08.2024	16.08	39.51	Unit hand tripped due to boiler RH front coil tube leak
9	17.09.2024	7.20	18.09.2024	18.44	35.24	Unit hand tripped due to Boiler tube leakage at lower Economiser near Economiser inlet header.
10	01.10.2024	16.13	03.10.2024	10.24	42.11	Unit hand tripped due to Boiler tube leakage at lower Economiser near Economiser inlet header.
11	22.11.2024	15.14	22.11.2024	19.57	4.43	Unit tripped on UT#2 REF Protection
12	07.02.2025	14.48	07.02.2025	17.46	2.58	Unit tripped on PA header pressure low as PA fan-B HAD Coupling shims got damaged.
13	17.03.205	9.30	19.03.2025	18.37	57.07	Unit hand tripped due to boiler Reheater rear tube leak.

TRIPPINGS DURING FY 2024-25 of STAGE-II (1X600 MW) (Upto MARCH-2025)

TRIP NO.	Trip		Syncronisation		DURATION	Details of outage with root cause
	Date	Time	Date	Time		
	DD/MM/YY	Hrs.Min	DD/MM/YY	Hrs.Min	Hrs.Min	
1	04.07.2024	21.25	07.07.2024	13.18	63.53	Unit hand tripped due to Steam cooled wall tube leak.
2	22.08.2024	12.28	24.08.2024	8.11	43.43	Unit hand tripped due to Boiler Water wall tube tube leak.
3	16.11.2024	5.16	09.01.2025	19.28	1310.12	Unit hand tripped to carryout Capital overhaul works.
4	10.01.2025	6.52	10.01.2025	9.29	2.37	Unit tripped on Drum level very high.
5	27.01.2025	11.16	27.01.2025	13.11	2.05	Unit tripped on Generator excitation fault.

TELANGANA POWER GENERATION CORPORATION LIMITED
KAKATIYA THERMAL POWER PROJECT

TRIPPINGS DURING FY 2025-26 of STAGE-I (1X500 MW) (Upto August-2025)

TRIP NO.	Trip		Syncronisation		DURATION	Details of outage with root cause
	Date	Time	Date	Time		
	DD/MM/YY	Hrs.Min	DD/MM/YY	Hrs.Min	Hrs.Min	
1	13.05.2025	22.10	14.05.205	5.26	7.16	Unit hand tripped due to heavy vibrations at UCB floor
2	15.05.2025	10.35	17.05.2025	0.43	38.08	Unit hand tripped due to Boiler tube leak
3	22.05.2025	19.10	24.05.2025	1.2	35.22	Unit hand tripped due to water wall tube leak
	24.05.2025	1.20	26.05.2025	15.24	57.02	TGSLDC has given reserve shutdown @ 01.20 hrs on 24.05.2025 and synchronised with grid @15.34 on 26.05.2025
4	13.07.2025	4.36	13.07.2025	9.49	5.13	Unit tripped due to DCS fault
5	23.07.2025	19.53	26.07.2025	13.00	65.07	Unit hand tripped due to boiler tube leak @19.53 hrs on 23.07.2025. and is kept under reserve shutdown @ 13.00 hrs on 26.07.2025 unit was flased @ 18.40 hrs on 27.07.2025 and Unit Synchronized with grid @01.13 hrson 28.07.2025
	26.07.2025	13.00	27.07.2025	18.40	29.40	
	27.07.205	18.40	28.07.2025	1.13	6.33	

TRIPPINGS DURING FY 2025-26 of STAGE-II (1X600 MW) (Upto AUGUST-2025)

TRIP NO.	Trip		Syncronisation		DURATION	Details of outage with root cause
	Date	Time	Date	Time		
	DD/MM/YY	Hrs.Min	DD/MM/YY	Hrs.Min	Hrs.Min	
1	08-04-2025	19:51	12-04-2025	4:07	80:16	Unit hand tripped due to Boiler Re heater tube leak.
2	22-05-2025	13:59	22-05-2025	17:01	3:02	Unit tripped due to 2BB board tripping and cause of flame failure.
3	05-08-2025	5:36	07-08-2025	1:18	43:42	Unit hand tripped due to Boiler steam cooled wall tube leak.

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Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
			Approved	Audited	Claimed	Approved	Estimated	Approved	Revised Proposal	
1	Installed Capacity	MW	500							
	COD		14.09.2010							
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit head							
2	**Availability**									
2.1	Target Availability for full recovery of AFC	%	85	85	85	85	85	85	85	
2.2	Actual/Projected Availability	%		82.94	82.94		85		85	
3	**Plant Load Factor (PLF)**									
3.1	Target PLF for Incentive	%	85	85	85	85	85	85	85	
3.2	Actual/Projected PLF	%		67.6	67.6		85		85.04	
4	**Gross Generation**									
4.1	Scheduled Generation	MU		2770.82	2770.82		3214.90		3529.25	
4.2	Actual/Projected Gross Generation	MU		2961.04	2961.04		3414.91		3724.80	
5	**Auxiliary Consumption**									
5.1	Normative Auxiliary Energy Consumption	%	5.25	5.25	5.25	5.25	5.25	5.25	5.25	
5.2	Actual/Projected Auxiliary Energy Consumption	%		6.42	6.42	5.25	5.86	5.25	5.25	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		190.22	190.22		200.01		195.55	
5.4	Net Generation	MU		2770.82	2770.82		3214.90		3529.25	
6	**Gross Station Heat Rate**									
6.1	Normative Gross Station Heat Rate	kcal/kWh	2450	2450	2450	2450	2450	2450	2450	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2335	2335		2450		2450	
7	**Secondary Fuel Oil Consumption**									
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.37	0.37		0.5		0.5	
8	**Transit Loss**									
8.1	Normative Transit Loss	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%					0.8		0.8	

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Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25												FY 2025-26					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	371733.000	330052.390	281323.810	253322.000	282814.770	299990.260	279571.004	308680.594	347324.764	421308.004	389352.014	338579.384	342459.000	325362.794	341088.824	314703.484	235368.614	203671.104
2	Value ot stock	Rs.in Crs	199.875	182.141	158.823	143.949	162.106	173.178	159.514	169.998	197.480	246.790	231.990	199.237	199.033	177.299	178.523	163.383	124.103	105.926
B	**Procurement**																			
3	Quantity of coal suppllied by the coal company	MT	339456.090	349937.110	370692.820	278162.270	295146.470	333515.030	378618.760	274043.230	235464.940	298014.220	341693.990	411789.110	332250.740	352839.740	334428.580	297191.550	336342.550	319244.000
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	339456.090	349937.110	370692.820	278162.270	295146.470	333515.030	378618.760	274043.230	235464.940	298014.220	341693.990	411789.110	332250.740	352839.740	334428.580	297191.550	336342.550	319244.000
6	Normative transit and handling loss	MT	2715.649	2799.497	2965.543	2225.298	2361.172	2668.120	3028.950	2192.346	1883.720	2384.114	2733.552	3294.313	2658.006	2822.718	2675.429	2377.532	2690.740	2553.952
7	Net coal supplied	MT	336740.441	347137.613	367727.277	275936.972	292785.298	330846.910	375589.810	271850.884	233581.220	295630.106	338960.438	408494.797	329592.734	350017.022	331753.151	294814.018	333651.810	316690.048
C	**Price**																			
8	Amount charged by coal company	Rs.in Crs	181.670	192.960	201.370	153.539	162.594	179.970	201.180	154.730	136.902	171.659	188.712	226.295	165.764	172.855	167.390	151.814	163.387	148.840
9	Adjustment in amount charged by the coal company	Rs.in Crs	0.377	-1.718	-1.071	-1.417	-0.829	-1.875	-9.422	-2.639	-1.677	-0.419	-1.871	-2.194	-7.491	-5.736	-5.560	-1.875	-0.052	-1.944
10	Handling, sampling and such other similar charges	Rs.in Crs	1.664	1.683	1.716	1.514	1.624	1.614	1.849	1.597	1.683	1.802	1.975	1.939	1.678	1.686	1.712	1.668	1.668	1.656
11	Total amount charged (8+9+10)	Rs.in Crs	183.711	192.925	202.015	153.636	163.389	179.708	193.608	153.688	136.908	173.042	188.815	226.040	159.951	168.805	163.543	151.607	165.003	148.552
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.in Crs																		
	By road	Rs.in Crs	7.390	7.245	7.981	5.781	6.787	7.050	7.692	6.389	5.891	7.346	7.769	8.913	7.235	7.384	7.251	6.391	6.832	6.600
	By ship	Rs.in Crs																		
	...	Rs.in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	7.390	7.245	7.981	5.781	6.787	7.050	7.692	6.389	5.891	7.346	7.769	8.913	7.235	7.384	7.251	6.391	6.832	6.600
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	191.101	200.170	209.996	159.416	170.175	186.758	201.300	160.077	142.798	180.387	196.584	234.953	167.186	176.189	170.794	157.998	171.835	155.153
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	5518.560	5645.551	5682.438	5731.883	5772.780	5705.681	5507.261	5685.747	5857.717	5958.363	5884.487	5811.874	5449.269	5233.913	5191.662	5272.718	5200.832	5017.255
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4575.090	4551.270	4582.700	4515.760	4585.460	4518.120	4266.520	4470.070	4594.140	4639.790	4577.350	4615.480	4444.500	4439.420	4588.370	4672.000	4507.000	4546.000
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	4019.000	4062.462	3942.746	3889.983	3861.717	3907.814	3935.290	3827.505	3928.385	4048.575	4093.917	4034.115						
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	4110.000	3830.000	3850.000	3836.000	3952.000	3960.000	3748.000	4042.000	4226.000	4158.000	3966.000	3979.000						
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	4062.462	3942.746	3889.983	3861.717	3907.814	3935.290	3827.505	3928.385	4048.575	4093.917	4034.115	4003.859	3905.000	3799.000	4543.750	4403.000	3995.000	4185.000

Note:

1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3 Details to be provided for each source separately. In case of more than one source, add additional column.
4 Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

KTPP-I & II

Form 11.1: Fuel Details for computation of Energy Charge F

S. No.	Particulars	Units	Apr-24		May-24		Jun-24		Jul-24	
			HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
A	**Opening Quantity**									
1	Opening quantity of oil	KL	1649	397	1492	390	1632	390	1487	381
2	Value ot stock	Rs.in Crs	10.34	3.37	9.36	3.31	10.33	3.31	9.44	3.23
B	**Procurement**									
3	Quantity of oil suppllied by the oil company	KL	0	0	203	0	48	0	193	0
4	Adjustment in oil quantity supplied by the oil company	KL								
5	oil supplied by oil company (3+4)	KL	0	0	203	0	48	0	193	0
6	Normative transit and handling loss	KL								
7	Net oil supplied	KL	0	0	203	0	48	0	193	0
C	**Price**									
8	Amount charged by oil company	Rs.in Crs	0.00	0.00	1.37	0.00	0.34	0.00	1.29	
9	Adjustment in amount charged by the oil company	Rs.in Crs								
10	Handling, sampling and such other similar charges	Rs.in Crs								
11	Total amount charged (8+9+10)	Rs.in Crs	0.00	0.00	1.37	0.00	0.34	0.00	1.29	0.00
D	**Transportation**									
12	Transportation charges									
	By rail	Rs.in Crs								
	By road	Rs.in Crs								
	By ship	Rs.in Crs								
	...	Rs.in Crs								
13	Adjustment in amount charged by the oil transporter	Rs.in Crs								
14	Demurrage charges, if any	Rs.in Crs								
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs								
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	0.00	0.00	1.37	0.00	0.34	0.00	1.29	0.00
E	**Total Cost**									
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	62741.69	84820.83	63291.89	84820.83	63469.27	84820.83	63846.65	84820.83
19	Blending Ratio (Domestic/Imported)									
20	Weighted average cost of oil for preceding three months	Rs./KL								
F	**Quality**									
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre								
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre								
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre								
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre								
25	Weighted average GCV of Oil as Billed	kcal/litre								
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre								
27	GCV of Domestic Oil supplied as received at Station	kcal/litre								
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre								
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre								
30	Weighted average GCV of Oil as Received	kcal/litre								

Note:

	Particulars									
1	Oil Consumption	KL	157.10	7.00	62.16	0.00	193.98	9.55	75.43	42.00
2	Oil Consumption value	Rs.in Crs	0.99	0.06	0.39	0.00	1.23	0.08	0.48	0.36
3	Oil Consumption rate	Rs./KL	63683.67		63291.89		64470.74		71348.67	

Rate

Aug-24		Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25		Apr-
HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
1604	339	1532	317	1602	309	1638	338	1674	338	1665.99	337.85	1641.50	312.49	1588.09	362.49	1470.85
10.24	2.87	9.80	2.65	10.24	2.58	10.47	2.78	10.69	2.78	10.65	2.78	10.52	2.52	10.18	2.94	9.43
278	99	131	0	99	50	105	0	0	0	193.12	202.00	0.00	50.00	0.00	0.00	0.00
278	99	131	0	99	50	105	0	0	0	193	202	0	50	0	0	0
278	99	131	0	99	50	105	0	0	0	193	202	0	50	0	0	0
1.80	0.78	0.82	0.00	0.64	0.37	0.66	0.00	0.00	0.00	1.27	1.58	0.00	0.42	0.00	0.00	0.00
1.80	0.78	0.82	0.00	0.64	0.37	0.66	0.00	0.00	0.00	1.27	1.58	0.00	0.42	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.80	0.78	0.82	0.00	0.64	0.37	0.66	0.00	0.00	0.00	1.27	1.58	0.00	0.42	0.00	0.00	0.00
63979.30	83489.05	63910.93	83489.05	63934.93	82305.72	63895.99	82305.72	63895.99	82305.72	64093.58	80799.84	64093.58	81105.85	64093.58	81105.85	64093.58

9381

350.21	120.36	61.26	7.74	62.40	21.64	69.13	0.00	7.80	0.00	217.61	227.36	53.41	0.00	117.24	6.09	69.14
2.24	1.00	0.39	0.06	0.40	0.18	0.44	0.00	0.05	0.00	1.39	1.84	0.34	0.00	0.75	0.05	0.44
68969.31		66107.18		68665.13		63895.99		63895.99		72629.79		64093.58		64933.13		7075

25	May-25		Jun-25		Jul-25		Aug-25		Sep-25	
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
356.40	1401.71	311.85	1337.50	318.21	1430.12	361.21	1409.73	355.94	1445.72	294.03
2.89	8.98	2.53	8.51	2.53	9.08	2.82	8.95	2.78	9.17	2.30
0.00	201.74	50.00	108.09	50.00	48.87	53.00	150.66	0.00	399.71	98.00
0	202	50	108	50	49	53	151	0	400	98
0	202	50	108	50	49	53	151	0	400	98
0.00	1.21	0.35	0.67	0.35	0.31	0.41	0.95	0.00	2.47	0.77
0.00	1.21	0.35	0.67	0.35	0.31	0.41	0.95	0.00	2.47	0.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	1.21	0.35	0.67	0.35	0.31	0.41	0.95	0.00	2.47	0.77
81105.85	63602.40	79437.02	63480.86	78191.75	63457.35	78095.65	63439.11	78095.65	63076.00	78117.72

44.55	265.96	43.64	15.47	7.00	69.27	58.27	114.67	61.91	78.57	11.46
0.36	1.69	0.35	0.10	0.05	0.44	0.46	0.73	0.48	0.50	0.09
.98	65834.23		68063.90		70145.59		68577.69		64990.13	

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KTPP-I
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/ Tariff Order	Apr - Mar	MYT/ Tariff Order	n+1
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
Auxiliary Consumption	AUX	%	5.25	6.42	6.42	5.25	5.25	5.25	5.25
Gross Station Heat Rate	GSHR	kcal/kWh	2450	2335	2335	2450	2450	2450	2450
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.37	0.37	0.5	0.5	0.5	0.5
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9390	9390	9390	9390	9390	9390	9390
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Gross Calorific Value of Coal	CVPF	kcal/kg	3888	3888	3888	4080	4080	4219	4219
Landed Price of Coal	LPPF	Rs./kg	5.73	5.73	5.73	4.97	4.97	4.7	4.7
Specific Coal Consumption		kg/kWh	0.63	0.60	0.60	0.60	0.60	0.60	0.60
Coal Rate		**Rs./kWh**	3.805	3.673	3.673	3.144	3.144	2.883	2.883
Oil Rate		**Rs./kWh**	0.035	0.026	0.026	0.035	0.035	0.037	0.037
ECR		**Rs./kWh**	**3.840**	**3.700**	**3.700**	**3.180**	**3.180**	**2.921**	**2.921**

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KTPP-I
Form 13: Sales

FY 2024-25

Beneficiary	Actuals												Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	191.82	185.06	164.17	56.34	97.64	162.91	155.75	157.10	181.08	199.85	206.92	196.15	1954.8057
TGNPDCL (29.45%)	80.07	77.25	68.53	23.52	40.76	68.01	65.02	65.58	75.59	83.43	86.38	81.88	816.00
Total	271.89	262.32	232.69	79.86	138.40	230.92	220.77	222.68	256.67	283.28	293.30	278.03	2770.81

FY 2025-26

	Actuals						Estimated						(MU)
Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	180.79	141.23	173.23	164.73	188.57	178.63	211.37	204.55	211.37	211.37	190.91	211.37	2268.11
TGNPDCL (29.45%)	75.47	58.96	72.31	68.77	78.71	74.56	88.23	85.39	88.23	88.23	79.69	88.23	946.79
Total	256.26	200.19	245.54	233.50	267.28	253.19	299.60	289.94	299.60	299.60	270.61	299.60	3214.90

FY 2026-27
Projected

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	233.43	241.21	0.00	124.49	241.21	233.43	241.21	233.43	241.21	241.21	217.87	241.21	2489.91
TGNPDCL (29.45%)	97.44	100.69	0.00	51.97	100.69	97.44	100.69	97.44	100.69	100.69	90.94	100.69	1039.37
Total	330.87	341.90	0.00	176.46	341.90	330.87	341.90	330.87	341.90	341.90	308.81	341.90	3529.28

Telangan Power Generation Corporation Limited

KTPP - I (1 X 500 MW)

Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month (%)	%	89.42	87.10	83.34	30.37	54.79	90.15	85.65	96.75	99.89	98.44	96.18	86.42	82.94
3	Cumulative Availability (%)	%	91.60	90.39	88.73	74.09	70.45	74.04	74.22	76.99	79.57	81.48	82.71	83.03	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	80.55	75.50	69.38	23.85	40.63	68.63	63.71	66.14	73.19	80.67	92.24	79.59	
6	Cumulative PLF (%)	%	80.55	77.99	75.15	62.11	57.76	59.54	60.15	60.88	62.27	64.14	66.49	67.60	
7	Gross Generation (MU)	MU	289.99	280.87	249.79	88.72	151.15	247.07	237.02	238.11	272.25	300.09	309.92	296.08	2961.06
8	Auxiliary Consumption (MU)	MU	18.10	18.55	17.09	8.86	12.75	16.14	16.25	15.43	15.58	16.81	16.62	18.04	190.22
9	Net Generation (MU)	MU	271.89	262.32	232.70	79.86	138.40	230.93	220.77	222.68	256.67	283.28	293.30	278.04	2770.84
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	3.370	3.370	3.370	3.370	3.370	3.370	3.370	3.370	3.370	3.370	3.370	3.370	
12	Approved Fixed Charges	Rs. Crore	32.41	32.41	32.41	32.41	32.41	32.41	32.41	32.41	32.41	32.41	32.41	32.41	388.92
13	Fuel Surcharge	Rs./kWh	3.614	3.810	3.888	3.954	3.934	3.859	3.834	3.852	3.848	3.874	3.879	3.862	
14	Fixed Charges During Month	Rs. Crore	32.41	32.41	32.41	15.77	21.31	35.08	28.71	36.75	38.21	37.62	36.23	32.59	379.49
15	Energy Charges Amount	Rs. Crore	82.52	79.61	70.62	24.24	42.00	70.08	67.00	75.04	86.50	95.47	98.84	93.70	885.63
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	15.75	20.34	19.85	7.34	12.44	19.04	17.64	10.73	12.27	14.28	14.94	13.67	178.28
17	Incentive Amount	Rs. Crore													0.00
18	**Revenue from sale of electricity**	Rs. Crore	**130.68**	**132.36**	**122.89**	**47.35**	**75.75**	**124.20**	**113.35**	**122.52**	**136.97**	**147.37**	**150.01**	**139.96**	**1443.40**
19	**Other recoveries/adjustments**														
	Fuel (savings)/charge year end adjustment	Rs. Crore													**-55.28**
	Non-Tariff Income true-up	Rs. Crore													**-10.83**
-	Water charges	Rs. Crore													**1.63**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													
20	**Total Revenue**	Rs. Crore	**130.68**	**132.36**	**122.89**	**47.35**	**75.75**	**124.20**	**113.35**	**122.52**	**136.97**	**147.37**	**150.01**	**139.96**	**1378.92**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>

<KTPP-II>

Tariff Filing Formats - Generation

Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
KTPP-II
Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
				Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal	
A	**Annual Fixed Charges**										
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	204.77	281.14	281.14	216.29	296.00	228.47	308.99	
2	Depreciation	Rs. Crore	Form 4	127.75	113.12	113.12	127.75	113.37	127.75	116.31	
3	Interest and finance charges on loan	Rs. Crore	Form 5	96.93	114.23	114.23	83.78	103.24	70.62	95.21	
4	Interest on Working Capital	Rs. Crore	Form 6	37.36	45.72	45.72	38.19	39.14	38.27	37.46	
5	Return on Equity	Rs. Crore	Form 7	174.77	234.32	234.32	235.56	234.55	235.56	237.10	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	29.90	11.89	11.89	31.09	12.38	32.33	12.87	
7	**Annual Fixed Charges**	**Rs. Crore**		611.68	776.64	776.64	670.48	773.92	668.34	782.20	
B	**Energy Charges**										
1	Energy Charge Rate	Rs./kWh	Form 12	3.613	3.750	3.750	2.983	2.983	2.737	2.737	
2	Scheduled Energy (ex-bus)	MU	Form 10	3262.16	3262.16	3262.16	4027.51	4027.51	4236.46	4236.46	
3	Energy Charges	Rs. Crore		1178.69	1223.40	1223.40	1201.41	1201.41	1159.52	1159.52	
C	**AFC +Energy Charges**	Rs. Crore		1790.37	2000.04	2000.04	1871.89	1975.33	1827.86	1941.72	

TGGENCO

KTPP-II

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
			Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Employee Expenses	Form 2.1		227.00	227.00		238.27		247.81
2	A&G Expenses	Form 2.2		8.24	8.24		9.03		9.57
3	R & M Expenses	Form 2.3		45.90	45.90		48.70		51.61
4	Total O&M Expenses		**204.77**	**281.14**	**281.14**	**216.29**	**296.00**	**228.47**	**308.99**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPP-II
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Basic Salary	114.56	120.07	124.88
2	Dearness Allowance (DA)	14.49	15.18	15.78
3	House Rent Allowance	6.04	6.48	6.74
4	Conveyance Allowance	1.38	1.46	1.52
5	Leave Travel Allowance	-	0.00	0.00
6	Earned Leave Encashment	14.60	15.09	15.70
7	Other Allowances	23.64	24.90	25.90
8	Medical Reimbursement	1.35	1.35	1.41
9	Overtime Payment	-	-	-
10	Bonus/Ex-Gratia Payments	-	-	-
11	Interim Relief / Wage Revision	0.00	0.00	0.00
12	Staff welfare expenses	2.60	2.74	2.85
13	VRS Expenses/Retrenchment Compensation	-	-	-
14	Commission to Directors	-	-	-
15	Training Expenses	-	-	-
16	Payment under Workmen's Compensation Ac	-	-	-
17	Net Employee Costs	**178.66**	**187.29**	**194.78**
18	Terminal Benefits	-	-	-
18.1	Provident Fund Contribution	-	-	-
18.2	Provision for PF Fund	13.57	14.36	14.93
18.3	Pension Payments	-	-	-
18.4	Gratuity Payment	34.76	36.62	38.10
19	Unfunded past liabilities of pension & gratuity	-	-	-
20	Others	-	-	-
21	**Gross Employee Expenses**	**227.00**	**238.27**	**247.81**
22	Less: Expenses Capitalised			
23	**Net Employee Expenses**	**227.00**	**238.27**	**247.81**

TGGENCO
KTPP-II
Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Rent Rates & Taxes	2.66	2.91	3.08
2	Insurance	-	-	-
3	Telephone & Postage, etc.	0.10	0.11	0.11
4	Legal charges & Audit fee	0.25	0.43	0.45
5	Professional, Consultancy, Technical fee	0.03	0.04	0.04
6	Conveyance & Travel	0.07	0.08	0.09
7	Electricity charges	1.81	1.86	1.98
8	Water charges	0.00	0.00	0.00
9	Security arrangements	0.13	0.09	0.10
10	Fees & subscription	0.34	0.37	0.39
11	Books & periodicals	0.00	0.00	0.00
12	Computer Stationery	-	-	-
13	Printing & Stationery	0.01	0.02	0.02
14	Advertisements	0.07	0.11	0.11
15	Purchase Related Advertisement Expenses	-	-	-
16	Contribution/Donations	-	-	-
17	License Fee and other related fee	-	-	-
18	Vehicle Running Expenses Truck / Delivery Van	0.03	0.03	0.03
19	Vehicle Hiring Expenses Truck / Delivery Van	1.46	1.57	1.67
20	Cost of services procured	-	-	-
21	Outsourcing of metering and billing system	-	-	-
22	Freight On Capital Equipments	0.03	0.03	0.03
23	V-sat, Internet and related charges	-	-	-
24	Training	0.05	0.05	0.06
25	Bank Charges	-	-	-
26	Miscellaneous Expenses	-	-	-
27	Office Expenses	0.01	0.01	0.01
28	Others	1.17	1.33	1.41
29	**Gross A &G Expenses**	**8.24**	**9.03**	**9.57**
30	Less: Expenses Capitalised			
31	**Net A &G Expenses**	**8.24**	**9.03**	**9.57**

TGGENCO
KTPP-II
Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Plant & Machinery	39.09	41.49	43.98
2	Buildings	4.14	4.38	4.64
3	Civil Works	-	-	-
4	Hydraulic Works	0.01	0.01	0.01
5	Lines & Cable Networks	2.25	2.38	2.52
6	Vehicles	0.01	0.01	0.01
7	Furniture & Fixtures	0.00	0.00	0.00
8	Office Equipment	0.40	0.42	0.44
9	**Gross R&M Expenses**	**0.00**	**0.00**	**0.00**
10	Gross Fixed Assets at beginning of year	**3769.46**	**3773.07**	**3778.27**
11	R&M Expenses as % of GFA at beginning of year	**0.00%**	**0.00%**	**0.00%**

TGGENCO
KTPP-II
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	Opening Capital Works in Progress					0.00		0.00
2	Capital Expenditure during the year		3.61	3.61		5.20		93.00
3	Capitalisation during the year		**3.61**	**3.61**		**5.20**		**93.00**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

TGGENCO
KTPP-II Stage
Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	2024-25									
1	2024-25	BTG	Certain rectification works for attending Boiler heat radiation loss, hot air issue in all 4 corners etc.	3.44		3.44				PO NO. 4900043143, 5300001511, 5300001495 (Enclosed)
2	2024-25	BTG	Raw water system pipeline works	0.17		0.17				PO No.4500030605
3										
	...									
	Total					3.61				
	2025-26									
1			CHP-MM-I-Design, Engineering, Manufacturing, Testing, Inspection, Supply and Commissioning of 1 No.Crawler type coal blade Bull Dozer of Engine capacity 400 - 450 HP for Coal Handling Plant of KTPP-I&II .	3.00	3.00	1.50	Vehicles	To feed the coal at chp hoppers to bunkers of stage-I & II and making yard and making way to the lorries at hopper shed.	22.2(a) - Additional Capitalisation	Enclosed
2			CHP-MM-I-Procurement of 2 no KOMATSU/CAT/KOBELCO/Tata Hitachi/Hyundai Make Hydraulic Excavator (Quarry Model) for newly constructed Additional CHP& Old CHP RC Hoppar , pertaining to SD-IMM-I/KTPP	1.10	1.10	0.55	Vehicle	The Additional coal handling plant also commissioned and coal feeding has taken through both the hopper. For clearance of coal, removal of boulders at newly constructed Additional CHP RC hopper area, 2 no Hydraulic Excavators are required in addition to the existing excavator.	22.2(a) - Additional Capitalisation	Enclosed
		BOP	Procurement of 5300RM of various M.S ERW pipes required for Fly Ash handling system of KTPP- Stage-II	1.88	1.88	1.88		Fly ash handling system consists of 2 No's of 200 NB & 250 NB pipe lines for conveying of Fly ash from buffer hopper to Silo about a length of 3000 M & 2600 M respectively. Due to abrasive nature of ash these pipes are getting eroded resulting in disintegration of fly ash lines and observed outflow of fly ash during conveyance. Also 125NB MS pipes are utilized for conveying ash from silo drains to ash pond and 150 NB MS pipes utilised for connecting ash conveying lines to ducts. These pipes need to be replaced immediately as and when required. In view of the above, the proposal for Procurement of 5300 RM of various MS ERW pipes requred for fly ash handling system for CAM division of KTPP Stage- II is submitted.		
3			Providing alternate arrangement to existing 11KV colony supply with RMUs and 11KV HT cable along with required cable trays	2.53	2.53	1.27		Providing alternate arrangement to existing 11KV colony supply with RMUs and 11KV HT cable along with required cable trays	22.2(a) - Additional Capitalisation	Enclosed
	...									
	Total					5.20				
	2026-27									
1	2026-27	Civil Works	KTPP-Stage- II (1x600MW) - Construction of Coal Storage Shed with Space Frame Structure of size 210mx110mx35m for storage of 1.50 Lakh MT Coal near emergency reclaim hopper of ACHP including Design, supply, construction & erection, commissioning etc., complete on EPC basis at KTPP, Chelpur(V), Ghanpur(M), Jayashankar (Bhupalpally) Dist., Telangana	93	93	93.00	Building	Construction of Coal Storage Shed with Space frame structure to store 1.5 Lakh MT capacity to run the Additional coal handling plant of Stage-II during the rainy season, to avoid wet coal feeding (which will lead to chute jams interrupting the coal feeding besides consumption of more oil) to the Unit during rainy season, to have uninterrupted power generation and to avoid expenditure towards more oil consumption.	As per Clause No.22.3 of TGERC (MYT) Regulations, 2023, the Capital expenditure incurred or Projected to be incurred in respect of existing generating stations or the transmission system, which are beyond the original scope of work, subject to prudent check	The existing Coal storage Shed of 1Lakh MT capacity was constructed to cater the coal feeding requirement for Stage-I (1X500 MW). After the commissioning of Stage-II (1x600 MW), the Additional Coal Handling plant was constructed and commissioned to cater the coal feeding requirement of Stage-II. The minimum Coal stock at KTPP(500MW+600MW) to be maintained as per revised Coal stocking norms, Dt: 06.12.2021 of CEA is (26dayxt1300MT) is 3.50,000 MT. Monthly coal consumption at KTPP is 4,00,000 MT. The coal stored in the existing coal shed at KTPP and Stacker Reclaimer open yard is 1,50,000MT and 50,000MT respectively. Hence, it is proposed to construct a coal storage shed with 1.50 Lakh MT capacity. As such, it is quite essential to construct a new coal storage shed with 1,50,000 MT capacity at KTPP stage-II.
3										
	...									
	Total					93.00				

** Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

TGGENCO::KTPP:: FORM-18::2024-25::4810

Class	Cost Ctr	Asset	Asset Description	Cap.date	Acquisition	PO Details
1300	48102104	1300002256	BOILER Auxiliaries	31.03.2018	3,34,08,195	4900043143 & 5300001511
1300	48102917	1300002300	AHP Ash pond	24.03.2016	10,11,349	5300001465
	100210 Total				**3,44,19,544**	
1500	48109911	1500000319	RAW WATER SYSTEM PIPE LINE	24.03.2016	16,78,515	4900030605
	100310 Total				**16,78,515**	
4100	**Grand Total**				**3,60,98,059**	

G. Ananda Rao 25/4/25

Deputy Chief Controller of Accounts
KTPP/O&M/TG GENCO

Justification for works proposed in FY 2025-26 of KTPP Stage-II

1. - J-Strap Modification in Generator Rotor of KTPP Unit-II-

Justification

In December 2018, a failure occurred in 600 MW Generator rotor at KTPP. Following this incident, M/s.BHEL was consulted for repair and refurbishment of the damaged rotor. The rotor was subsequently sent to M/s.BHEL, Haridwar for necessary repairs and was received back in 2019.

In order to avoid prolonged generation loss and to ensure unit availability, a new rotor was procured from M/s. Jindal Power Limited through M/s.BHEL on priority basis and was installed in the unit. This rotor has since been in service and operational.

Post–repair, correspondence was initiated with M/s.BHEL regarding the root cause analysis of the failure. M/s.BHEL, leveraging their expertise, recommended specific design improvements, particularly in the flexible connection area of the rotor to enhance reliability and avoid recurrence of similar failures.

Based on BHEL's recommendations the repaired rotor was again dispatched to M/s.BHEL, Haridwar in May 2023 for the suggested design modifications. After completion of the modifications, the rotor was received back in November 2023 and commissioned in January 2025. The unit is currently in smooth operational condition.

During Capital Overhaul (COH) 2024-25 the modified rotor was installed into the unit, removed rotor was kept as spare. Subsequently, M/s, BHEL has recommended that this spare rotor also undergo similar modifications to ensure design uniformity, long term operational reliability and readiness as an interchangeable spare.

It is proposed to send this rotor to M/s.BHEL works for necessary modification. The estimated cost for the rotor design modifications has been derived from the budgetary offer received from M/s. BHEL, Hyderabad.

Cost benefit Analysis and Return on Investment

The rotor failures in 600 MW generator units across India have led to substantial generation losses due to extended downtime. The proposed design improvements aim to mitigate such risks and ensure continuous plant operation

Key points of ROI:

1. The estimated expenditure for the design modification is recoverable within a week of smooth plant operation, considering the generation revenue.

2. Preservation of forced outages due to rotor failures directly translate into uninterrupted power generation and financial gains.

3.The proactive modification ensure long term reliability and enhances the operation life of the generator rotor, thereby reducing unforeseen repair cost and generation losses.

In view of the above, it is submitted for approval to consider the cost incurred towards the design modifications of the 600 MW Generator Rotor (Type:THDF:115/67) as additional capitalization. The modifications are essential for ensuring the reliability and safety of the unit, preventing revenue loss and achieving operational efficiency.

2. Procurement of Fire Tender for the usage of KTPP

Justification

It is to submit that, Kakatiya Thermal Power Project has 02No's Fire Tenders bearing Registration No's AP36Y0082 and AP36Y0083 and they were manufactured in the year 2007. The existing Fire Tenders are being used to meet the fire emergencies in and around the plant. In addition to the emergencies, they are being used daily to supress the smoke coming from Mill rejects yard & also for miscelleaous works wihtin plant and colony. Fire Tenders are also rendering services to quench the fires at nearby villages. The existing fire tenders are undergoing frequent breakdowns due to wear & tear.Further, as per the Rule No. 52A of Central Motor Vehicle Rules 1989, "certificate of registration shall not be renewed after the lapse of 15years for the Goverenment owned vehicles". The existing fire tenders were registered in the year 2009 and hence, they have completed 15years of service.

3. **KTPP- Stage-II (1x600MW) – procurement of 5300 RM of various MS ERW pipes required for for Fly ash Handling system for CAM Division of KTPP Stage-II**

Justification

i)Fly ash handling system consists of 2Nos of 200NB & 250NB pipe lines for conveying of Fly ash from buffer hopper to SILO about a length of 3000M & 2500M respectively. Due to abrasive nature of ash these pipes are getting erosion which confine disintegrate of fly ash lines and observed outflow of fly ash during conveying also 125NB MS pipes are utilized for conveying ash from SILO drains to ash pond and 150NB MS pipes

utilized to for connecting ash conveying lines to ducts. These pipes need to be replaced immediately as and when required.

ii) In view of the above,indent is raised for procurement of 5300 RM of various MS ERW pipes required for for Fly ash Handling system for CAM Division of KTPP Stage-II

iii) CE/Civil/Thermal informed that circulation under progress for placing the Purchase Order on M/s Bharat Tubes Corporation, Secunderabad, for supply of the above material.

4. **TGGENCO-KTPP-Stage-II (1x600MW)-Providing of drain with RCC & stone pitching from brick plant to east side ash pond toe drain at KTPP, Chelpur(V), Ghanpur(M), Jayashankar (Bhupalpally) Dist.**

Justification

1)Till 2017, the CHP area effluents water and its catchment water is disposed through Kaccha drain nearby brick plant. This water is entering into the surrounding fields at brick plant. The Sarpanch of Chelpur has requested the Chief Engineer/O&M/ KTPP for the diversion of above Kaccha drain entering from the plant to the surrounding fields at back side of department brick plant as the water is entering into the fields of chelpur villagers and causing water logging, less crop yield. Hence, estimate was submitted to the head quarters for "Diversion of Earthern drain from brick plant to Ash pond east side toe drain" and sanction was accorded. The agency is finalized and work is to be commenced.

5. Land Acquisition for Main plant balance amount

Justification

Included in Approved Project Cost

6. Construction of A and B Type Quarters

Justification

1)The Kakatiya Thermal Power Project houses 1 No Chief Engineer/O&M/KTPP, 5 Nos Superintending Engineers and 1 No. Dy.CCA. Due to non availability of eligible quarters, One Superintending Engineer and the Dy.CCA are residing in step down quarter. Therefore, the present available quarters are insufficient to accommodate all the above officials. Hence, the proposal is necessitated so as to accommodate the above officials.

7. **Providing Pipe line network for connecting colony sewage system to sewage treatment plant (STP) and laying treated water line from the proposed STP in the KTPP Colony, Chelpur**

8. **TGGENCO-KTPP-Stage-II (1X600MW) - Balance Civil works of 'Design, Supply, construction, erection, testing and Commissioning of 1 MLD (1000 Cum/day) capacity of Sewage Treatment Plant (STP) in Kakatiya Thermal Power Project , Chelpur (V), Ghanpur (M), Jayashankar Bhupalpally (Dist)**

9. **TGGENCO-KTPP-Stage-II (1X600MW) - Execution of balance Electrical & Mechanical works of 1 MLD (1000 Cum/day) capacity of Sewage Treatment Plant (STP) including Design, Supply, Construction, Erection, Testing and Commissioning etc. complete on EPC basis at Kakatiya Thermal Power Project , Chelpur (V), Ghanpur (M), Jayashankar Bhupalpally (Dist).**

Justification

1)As per PCB norms, an STP has to be installed and commissioned at KTPP.

10. **KTPP-B&R- Construction of Kakatiya Community Hall in the KTPP Colony, Chelpur.**

Justification

1)At present, there are about 880 Nos. quarters in the KTPP colony including A,B,C,D,E,F, G type quarters and SRT quarters, which are occupied by the engineers, officials and O&M staff working at KTPP, Chelpur. There is no dedicated community function hall for the residents of KTPP employees in the colony and near by vicinity.Hence, the proposal is put up.

11. **TGGENCO - KTPP -Stage-II (1X600MW) – Construction of Coal shed with Space Frame Structure of size 210mx110mx35m for storage of 1.50 Lakh MT Coal near emergency reclaim hopper of ACHP including Design, supply, construction & erection, commissioning etc., complete on EPC basis at KTPP, Chelpur (V), Ghanpur (M), Jayashankar (Bhupalpally) Dist., Telangana**

Justification

1)The balance civil works of Additional Coal Handling Plant system were completed and the coal is being fed to the plant through the Emergency Reclaim Hopper of ACHP. The minimum coal stock at KTPP (500MW+600MW) to be maintained as per CEA norms (26daysx13500MT) is 3,50,000.00 MT. The coal stored in the existing coal shed at KTPP and Stacker Reclaimer open yard is 1,50,000MT and 50,000MT respectively. The additional capacity of coal shed required for stocking of coal for KTPP is 1,50,000 MT.

The raw coal is stacked around the ERH on the prepared leveling and grading bund. In rainy season, feeding of coal is interrupted due to wet coal and causing chute jams in various parts of ACHP system. To stack and protect the coal from adverse atmospheric conditions, a coal shed is proposed over the levelled and graded raw coal stocking area.

12. TGGENCO–KTPP-Land Acquisition-Dharmaraopet and Chelpur Villages - Acquisition of Assigned Land for Belt Conveyor and Auxillaries and Coal Storage - Awards passed in respect of patta lands in both the case.

Justification

1)The Patta lands have been acquired and assigned lands should be acquired for the construction of coal conveyor belt corridor from KTK8 to KTPP.

13. Laying of 25mm thick SDBC layer along the main road from R&B road to Service building

Justification

1)The main approach road from Main Gate-I to Service Building was laid during the construction of Stage I plant in 2010. Over the period of time, the road has been damaged due to the movement of heavy loaded trucks, departmental vehicles and other vehicles. Further, during the construction works of Stage II inside the power plant premises, the road has been used for the transportation of materials, heavy machinery required for the construction which resulted in formation of huge pot holes along the road. In this connection, it has become problematic for the employees working in the plant for attending daily duties. In this regard, it was instructed to provide an estimate for laying of SDBC layer on the existing BT road. Hence, the work is necessitated.

14. R&R Dubbapally

Justification

1)Acquisition of lands for Construction of Ash Pond and other allied activities to an extent of Ac 34-14 Gts at Dubbapally H/o Chelpur (V) of Ghanpur (M) as per the LA Act 2013 at KTPP.The Commissioner, R&R & L.A., I&CAD Department, Hyderabad has approved the draft R&R Scheme for an amount of Rs. 52,01,64,140.00 including 1% Administrative Charge and the District Collector has requested to deposit the funds for an amount of Rs.67,84,35,927/-including 1% Administrative Charges to provide R&R benefits in favour of (448) PDFs amounts to Rs. 67,84,35,927/-
2)Earlier during Land acquisition, work was included in Approved project Cost. But, to compensate the increase in land cost and several other factors, R&R Benefits,there is a need for additional capital.

15. Establishment of 28MW ground mounted solar plant & 13MW floating solar plant at KTPP, TGGENCO

- As a part of establishment of renewable energy vacant land available at KTPP. 100 acres proposed for ground solar for 28MW and 67 acres proposed for floating solar for 13MW.
- The same were approved in 69th Board Meeting conducted on 29.01.2025 and got TGREC Approval on 15.02.2025
- DPR was prepared by M/S Infrastructure Development Corporation (Karnataka) Ltd., Bangalore for 44 MW for Rs.170crores.The DPR was agreed at site and technical remarks were submitted to headquarters for further process.
- Technical remarks were further reviewed, installation of 132/33 Kv Transformer is mandated in view of the latest IEGC guidelines dtd:01.08.2025, Submitted for revised DPR.

16. - Procurement of Escort make 15Ton Hydra - 'HYDRA 1565

It is to submit that 2 No. of ESCORT Make hydras 16 Ton & 12Ton capacity are in operation at KTTP under the control of stores Division. These hydras are being used for the works of internal transportation, lifting of materials at heights in CHP, Boiler, CAM and stores division of KTPP I & II. 12Ton hydra is procured in the year 2007,used in stage-I&II erection works giving multiple problems due to aging such as oil leakage in drive axle area, while moving from one place to other ,limiting hydra to work at one place only. Due to the above,16Ton hydra is taking the load of entire plant and much difficulty is being faced for allocating hydra to more than one division and also during unit overhaul time. In order to overcome the above and also to meet the situation of breakdown of 16Ton hydra ,it is proposed to procure 1 No. 15 Ton hydra.

Justification for works proposed in FY 2026-27 of Stage-II

1.Procurement of 400KV SF6 Gas Circuit Breaker for KTPP and TSGENCO units	
Justification	The 400KV SF6 gas Circuit breakers required to replace the existing GT-2 breakers because the existing breakers manufactured in the year of 2007 & erected and commissioned in 2015. In the year of 2023 October one of the breaker pole was flashover during synchronization. For immediate restoration the Tie breakers were utilized in the place of damaged poles. So that the new set of GT-2 Breakers required for the long life of the unit.
Detailed description of all materials and Breakup details of material and works to be taken up	Detailed description and Breakup details as follows I. The old breakers replaced with new breakers by retrofit method without disturbing foundation. II. The new breakers will erect in the presence of service person. III. **Technical specifications:** 1. Rated Voltage: 420KV 2. Rated lightning impulse withstand voltage: 1425 KVp 3. Rated power frequency withstand voltage: 610KV 4. Rated frequency: 50Hz 5. Rated normal current: 3150A 6. Rated short circuit breaking current: 63KA 7. Rated short circuit duration: 3 sec 8. Rated out of phase breaking current : 15.75 KA 9. Creepage:35mm/Kv 10. First pole to clear factor: 1.3 11. Rated line charging breaking current: 600 A 12. Rated cable charging breaking current: 400A 13. Rated operating sequence: O-0.3s-CO-3min-CO 14. Rated pressure of SF6 at 20deg C (guage) : 6.0 bar 15. Weight of SF6 filling: Approx 39Kg 16. Weight including SF6 (excluding structure) : Approx 4400Kg 17. Nominal supply voltage of auxiliary circuits: a) Control voltage : DC 220V b) Operating mechanism voltage: AC 240V c) Heating voltage: AC 240V
Recommendations of Technical committees:	-

Expenditure (approx.)	0.70 Crores
Cost-benefit analysis	By replacing with new breakers the trippings may reduce and smooth operation of the unit.
Improvement in operating norms	Guaranteed improvement in **smooth operation of unit.**

2.Procurement of Quick Erect cup lock Scaffolding system for KTPP and TSGENCO units	
Justification	The Quick erect Cup lock scaffolding system is required to access all the areas inside Furnace for thorough inspection and for carrying out repair works during overhaul period. In all units of TSGENCO, previous overhauls till date have been carried out with the help of skyclimber which was very slow, unsafe and also certain areas could not be inspected effectively due to limited access. This material is essentially required for attending capital overhaul works, by erecting cup lock scaffolding platform so that multiple works can be done simultaneously such as D-Metering of tubes, cutting and welding of damaged or eroded water wall, Roof and SH tubes in Ist pass, replacement of refractory at water wall soot blowers and also overhauling the burner works etc., As cup lock scaffolding material not available in any TSGENCO thermal plants, overhaul works of boiler were carried out with skyclimbers till date whereas most of the NTPC units, Singareni TPP units have procured their own sets and are using Quick erect scaffolding during overhauls. Also it is to submit that this material is proposed for utilization in all 250MW, 500MW & 600MW units of TSGENCO units during capital overhauls. Overall with the usage of scaffolding, unit can be operated safely and reliably with reduction in BTLs.
Detailed description of all materials and Breakup details of material and works to be taken up	Detailed description and Breakup details as follows I. QUICK ERECT CUP LOCK SCAFFOLDING SYSTEM SUITABLE FOR 600MW BOILER As per IS :2750, 1161,1239,4014,3696 with one complete set of special tools and tackles II. As per General Arrangement drawings of 500MW Dwg:0-00-027-43844 & 600MW Dwg:0-00-027-45524 III. Scaffolding system includes 1) Main Tower - from bottom Hopper to Gooseneck

	2)Full working platform below goose neck at hopper location at one level. 3)Peripheral Working platform below Goose Neck at hopper location at 04 level. 4)Peripheral Working platform below goose neck at 12 level. 5)Full working platform at Gooseneck at one level. 6)Main Tower - Super heater Zone. 7)Peripheral working platform above Gooseneck at 07 level. 8)Staircase arrangement (from hopper till rooftop) The proposal is prepared considering **budgetary offer of M/s BSL Scaffolding Pvt Ltd for 600MW Boiler and enclosed herewith for your reference.**
Recommendations of Technical committees:	**Ref:** 1. Circular Memo No: CEG/SEG-1/E4A3/KTPP(O&M) /F.Visits/ D.No.236/19, Dt:26.06.19 2. Lr No: CEG/DE(T)/ADE(T)/F.Boiler Tube leakages/D.No:325/23, Dt:25.07.2023 It is to submit that a committee was constituted in 2019 for studying the best practices being adopted at NTPC, Ramagundam and Dr NTTPS, Vijayawada and based on the committee report, Hon'ble Chairman and Managing Director/TSGENCO issued a circular memo vide ref(1) about best practices to be adopted to minimize boiler tube leaks and Erection of scaffolding inside boiler 1st pass during overhaul (Point No:6) is among them. Also Chief Engineer/Generation recommended vide ref(2) to erect Quick erect scaffolding during overhaul to minimize BTLs during meeting conducted in Main meeting hall/Vidyut Soudha on 19.06.2023.
Expenditure (approx.)	04 Crores
Cost-benefit analysis	By utilizing Quick erect scaffolding, all areas inside boiler 1st pass can be inspected without any limitations during overhaul after erection which skyclimber can't provide and minimum 1 BTL/Year can be reduced compared to skyclimber. Generally, 1 BTL will result in around 30MU of generation loss(considering 48 hrs shutdown), around 100KL furnace oil consumption which is equivalent to financial loss of around 3 Crore. HenceReturn on Investment is clearly visible within 2 years of procurement.

Improvement in operating norms	Guaranteed improvement in **Unit Availability factor & Specific oil consumption** due to less number of outages due to BTL.

1. **TGGENCO-KTPP-Taking up of raising of existing Ash pond bund including three wells from EL (+) 182.70 M to EL (+) 187.70 M.**

Justification

The top level of existing Ash pond bund is 182.70 M. After considering a free board of 0.50 M, the maximum level up to which the ash can be filled is 182.20 M and this corresponds to a total storage capacity of 47,04,381 cum (approximately). As per site levels, the balance available storage capacity is 13,45,379.87 Cum (16,14,455.84 MT). This storage capacity is just sufficient to store ash for a period of 23 months under the present scenario of ash utilization during this year i.e., 50% and in worst case of utilization i.e, zero utilization this storage capacity is just sufficient to store ash for a period of 11 months only. Hence, raising up of existing ash pond bund including 3 Nos wells upto El.(+) 187.70M is essential.

2. **TGGENCO-KTPP-Acquisition of land on East side of ash pond bund to an extent of Ac.4-11 Gts**

Justification

In the stretch of proposed land acquisition, the clear distance between ash pond toe drain to TGGENCO boundary is only 2m to 1m. Due to this meager clear distance, plantation could not be developed to control the fugitive emission of ash from ash pond during summer season. Further, inspection track could not be laid due to insufficient land width. As per statutory guidelines, plantation is to be developed in a width of 50m around the ash pond bund to prevent the fugitive emission of ash from ash pond and inspection track is to be laid all along the ash pond downstream.

3. **KTPP-B&R- Construction of Kakatiya Community Hall in the KTPP Colony, Chelpur.**

Justification

1)At present, there are about 880 Nos. quarters in the KTPP colony including A,B,C,D,E,F, G type quarters and SRT quarters, which are occupied by the engineers, officials and O&M staff working at KTPP, Chelpur. There is no dedicated community function hall for the residents of KTPP employees in the colony and near by vicinity.Hence, the proposal is put up.

4. **TGGENCO - KTPP -Stage-II (1X600MW) – Construction of Coal shed with Space Frame Structure of size 210mx110mx35m for storage of 1.50 Lakh MT Coal near emergency reclaim hopper of ACHP including Design, supply, construction & erection, commissioning etc., complete on EPC basis at KTPP, Chelpur (V), Ghanpur (M), Jayashankar (Bhupalpally) Dist., Telangana**

Justification

1)The balance civil works of Additional Coal Handling Plant system were completed and the coal is being fed to the plant through the Emergency Reclaim Hopper of ACHP. The minimum coal stock at KTPP (500MW+600MW) to be maintained as per CEA norms (26daysx13500MT) is 3,50,000.00 MT. The coal stored in the existing coal shed at KTPP and Stacker Reclaimer open yard is 1,50,000MT and 50,000MT respectively. The additional capacity of coal shed required for stocking of coal for KTPP is 1,50,000 MT. The raw coal is stacked around the ERH on the prepared leveling and grading bund. In rainy season, feeding of coal is interrupted due to wet coal and causing chute jams in various parts of ACHP system. To stack and protect the coal from adverse atmospheric conditions, a coal shed is proposed over the levelled and graded raw coal stocking area.

5. **TGGENCO–KTPP-Land Acquisition-Dharmaraopet and Chelpur Villages - Acquisition of Assigned Land for Belt Conveyor and Auxillaries and Coal Storage - Awards passed in respect of patta lands in both the case.**

Justification

1)The Patta lands have been acquired and assigned lands should be acquired for the construction of coal conveyor belt corridor from KTK8 to KTPP. An additional amount of Rs.5,87,000/- has been included to compensate for the increase in land cost.

6. **Construction of Kakatiya Kalathoranam at the entrance approach road of KTPP**

Justification

1)The land acquisition process for the main entrance of approach road from R&B road to plant is under progress. Further, the shops are being opened by the

private person's beside the main entrance and along the approach road from R&B road to KTPP. In order to prevent encroachment of TSGENCO land and at the main entrance and also for the aesthetic appearance of the plant entrance, the higher officials have instructed to provide Kakatiya Kalathoranam at the main entrance.

7. **Laying of 25mm thick SDBC layer along the main road from R&B road to Service building**

Justification

1)The main approach road from Main Gate-I to Service Building was laid during the construction of Stage I plant in 2010. Over the period of time, the road has been damaged due to the movement of heavy loaded trucks, departmental vehicles and other vehicles. Further, during the construction works of Stage II inside the power plant premises, the road has been used for the transportation of materials, heavy machinery required for the construction which resulted in formation of huge pot holes along the road. In this connection, it has become problematic for the employees working in the plant for attending daily duties. In this regard, it was instructed to provide an estimate for laying of SDBC layer on the existing BT road. Hence, the work is necessitated.

TGGENCO

KTPP-II

Form 3.2: Financing of Additional Capitalisation

(Rs. in Crore)

S. No.	Particulars	2024-25	2025-26			2026-27
		Apr-Mar	Apr-Sep	Oct-Mar	Apr - Mar	Apr-Mar
		Actual	Actual	Estimated	Estimated	Projected
1	Additional capitalisation	**3.61**			**5.2**	**93**
2	**Financing Details**					
	Loan 1					
	Loan 2					
	...					
	Total Loan					
3	Equity					
4	Internal Resources	**3.61**			**5.2**	**93**
5	Others (Please Specify)					
6	**Total (2+3+4+5)**	**3.61**			**5.2**	**93**

TGGENCO
KTPP-II
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDINGS	1100	0	214.81	-		214.81	39.94	6.97		46.92	174.86	167.89
2	LINES AND CABLE NETV	1200		68.39	-		68.39	31.99	1.74		33.73	36.40	34.66
3	PLANT AND EQUIPMEN	1300	3.60%	2,755.79	3.44		2,759.24	1,052.20	87.53		1,139.72	1,703.60	1,619.51
4	CAPITAL SPARES	1400	3.60%	172.70	-		172.70	71.60	5.95		77.55	101.09	95.15
5	HYDRAULIC WORKS	1500	3.60%	543.04	0.17		543.21	272.32	10.43		282.74	270.72	260.47
6	OTHER CIVIL WORKS	1600	3.60%	14.25	-		14.25	2.72	0.46		3.18	11.53	11.07
7	FURNITURE & FIXTURE	1800	3.60%	0.23	-		0.23	0.14	0.02		0.16	0.10	0.07
8	COMPUTERS	1900	3.60%	0.20	-		0.20	0.18	0.02		0.20	0.02	0.00
9	OFFICE EQUIPMENTS	2100	3.60%	0.05	-		0.05	0.02	0.01		0.03	0.03	0.02
	Total		**3.00%**	**3769.46**	**3.61**	**0.00**	**3773.07**	**1471.11**	**113.12**	**0.00**	**1584.23**	**2298.35**	**2188.84**

FY 2025-26													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDINGS	1100	0	214.81	-		214.81	46.92	6.97		53.89	167.89	160.92
2	LINES AND CABLE NETV	1200		68.39	-		68.39	33.73	1.74		35.47	34.66	32.92
3	PLANT AND EQUIPMENT	1300	3.60%	2,759.40	5.20		2,764.60	1,139.72	87.81		1,227.53	1,619.68	1,537.07
4	CAPITAL SPARES	1400	3.60%	172.70			172.70	77.55	5.95		83.50	95.15	89.20
5	HYDRAULIC WORKS	1500	3.60%	543.04			543.04	282.74	10.43		293.17	260.30	249.87
6	OTHER CIVIL WORKS	1600	3.60%	14.25	-		14.25	3.18	0.46		3.64	11.07	10.61
7	FURNITURE & FIXTURE	1800	3.60%	0.23	-		0.23	0.16	0.02		0.18	0.07	0.05
8	COMPUTERS	1900	3.60%	0.20	-		0.20	0.20			0.20	0.00	0.00
9	OFFICE EQUIPMENTS	2100	3.60%	0.05	-		0.05	0.03			0.03	0.02	0.02
	Total		3.00%	3773.07	5.20	0.00	3778.27	1584.23	113.37	0.00	1697.60	2188.84	2080.67

FY 2026-27													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDINGS	1100	0	214.81			214.81	53.89	6.97		60.86	160.92	153.95
2	LINES AND CABLE NETV	1200		68.39			68.39	35.47	1.74		37.21	32.92	31.18
3	PLANT AND EQUIPMENT	1300	3.60%	2,764.60	93.00		2,857.60	1,227.53	90.75		1,318.28	1,537.07	1,539.33
4	CAPITAL SPARES	1400	3.60%	172.70			172.70	83.50	5.95		89.44	89.20	83.25
5	HYDRAULIC WORKS	1500	3.60%	543.04			543.04	293.17	10.43		303.60	249.87	239.44
6	OTHER CIVIL WORKS	1600	3.60%	14.25			14.25	3.64	0.46		4.09	10.61	10.15
7	FURNITURE & FIXTURE	1800	3.60%	0.23			0.23	0.18	0.02		0.20	0.05	0.03
8	COMPUTERS	1900	3.60%	0.20			0.20	0.20			0.20	0.00	0.00
9	OFFICE EQUIPMENTS	2100	3.60%	0.05			0.05	0.03			0.03	0.02	0.02
	Total		3.04%	3778.27	93.00	0.00	3871.27	1697.60	116.31	0.00	1813.91	2080.67	2057.36

TGGENCO
KTPP-II
Form 5: Interest and finance charges on loan

A. Normative Loan **(Rs. Crore)**

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Opening Balance of Gross Normative Loan		2638.62	2638.62		2641.33		2645.23
2	Cumulative Repayment till the year		1471.11	1471.11		1584.23		1697.60
3	Opening Balance of Net Normative Loan	**0.00**	**1167.51**	**1167.51**	**0.00**	**1057.10**		**947.63**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets							
5	Addition of Normative Loan due to capitalisation during the year1		2.71	2.71	0.00	3.90	0.00	69.75
6	Repayment of Normative loan during the year		113.12	113.12		113.37		116.31
7	Closing Balance of Net Normative Loan		**1057.10**	**1057.10**		**947.63**		**901.07**
8	Closing Balance of Gross Normative Loan		**2528.21**	**2528.21**		**2531.86**		**2598.67**
9	Average Balance of Net Normative Loan		**1112.31**	**1112.31**		**1002.36**		**924.35**
10	Weighted average Rate of Interest on actual Loans (%)		10.27%	10.27%		10.30%		10.30%
11	Interest	**0.00**	**114.23**	**114.23**	**0.00**	**103.24**	**0.00**	**95.21**
12	Finance charges							
13	Total Interest & Finance charges	**96.93**	**114.23**	**114.23**	**83.78**	**103.24**	**70.62**	**95.21**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 Apr - Mar Projected
1	**Loan 1-PFC**			
	Opening Balance of Loan	1035.64	782.01	528.39
	Addition of Loan during the year	0.00	0	0
	Loan Repayment during the year	253.63	253.62	253.63
	Closing Balance of Loan	**782.01**	**528.39**	**274.76**
	Average Loan Balance	**919.02**	**665.73**	**412.14**
	Applicable Interest Rate (%)	10.27	10.30	10.30
	Interest	**94.41**	**68.57**	**42.45**
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	**94.41**	**68.57**	**42.45**
	Total			
	Opening Balance of Loan	**1035.64**	**782.01**	**528.39**
	Addition of Loan during the year	**0.00**	**0.00**	**0.00**
	Loan Repayment during the year	**253.63**	**253.62**	**253.63**
	Closing Balance of Loan	**782.01**	**528.39**	**274.76**
	Average Loan Balance	**908.83**	**655.20**	**401.58**
	Applicable Interest Rate (%)	**10.27**	**10.30**	**10.30**
	Interest	**94.41**	**68.57**	**42.45**
	Finance charges	**0.00**	**0.00**	**0.00**
	Total Interest & Finance charges	**94.41**	**68.57**	**42.45**

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Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Cost of coal, towards stock		86.60	86.60		68.36		62.63
2	Cost of coal for generation		129.90	129.90		102.53		93.94
3	Cost of secondary fuel oil		0.58	0.58		1.25		1.29
4	O&M expenses		23.43	23.43		24.67		25.75
5	Maintenance spares		37.69	37.69		37.73		37.78
6	Receivables1		291.47	291.47		251.09		239.27
	Less:							
7	Payables for Fuels2		130.48	130.48		103.79		95.23
8	Total Working Capital requirement	**0.00**	**439.20**	**439.20**	**0.00**	**381.84**	**0.00**	**365.43**
9	Interest rate		10.41%	10.41%	10.08%	10.25%		10.25%
10	Interest on working capital	**37.36**	**45.72**	**45.72**	**38.19**	**39.14**	**38.27**	**37.46**

Note:

1 In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPP-II
Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Regulatory Equity at the beginning of the year		1130.84	1130.84		1131.74		1133.04
2	Capitalisation during the year		3.61	3.61	0.00	5.20	0.00	93.00
3	Equity portion of capitalisation during the year	0.00	0.90	0.90	0.00	1.30	0.00	23.25
4	Reduction in Equity Capital on account of retirement / replacement of assets							
5	Regulatory Equity at the end of the year	**0.00**	**1131.74**	**1131.74**	**0.00**	**1133.04**		**1156.29**
	Rate of Return on Equity							
6	Base rate of Return on Equity	11.500%	15.500%	15.500%	11.500%	15.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**	**15.368%**	**20.713%**	**20.713%**	**20.713%**
	Return on Equity Computation							
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**234.23**	**234.23**	**0.00**	**234.42**		**234.69**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.09**	**0.09**	**0.00**	**0.13**		**2.41**
11	**Total Return on Equity**	**174.77**	**234.32**	**234.32**	**235.56**	**234.55**	**235.56**	**237.10**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPP-II
Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12		0.13		0.13
2	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00		0.00		0.00
3	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.06	0.06		0.06		0.06
4	WATER CHARGES		2.73	2.73		2.83		2.95
5	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.02	0.02		0.02		0.03
6	CURRENT CONSUMPTION CHARGES		0.18	0.18		0.19		0.20
7	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.06	0.06		0.06		0.06
8	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.18	0.18		0.19		0.20
9	INCOME FROM SALE OF ASH		7.58	7.58		7.88		8.20
10	PROFIT ON SALE OF FIXED ASSETS		-	-		0.00		0.00
11	INCOME FROM SALE OF SCRAP		0.27	0.27		0.28		0.29
12	INCOME FROM SALE OF COAL REJECTS		0.48	0.48		0.50		0.52
13	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00		0.00		0.00
14	OTHER RENTAL OR LETTING OUT		0.04	0.04		0.04		0.04
15	SALE OF TENDER SPECIFICATIONS		0.09	0.09		0.10		0.10
16	VENDOR REGISTRATION FEE		0.00	0.00		0.01		0.01
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.06	0.06		0.06		0.06
18	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00		0.02		0.02
19	OTHER INCOME - CONSULTANCY PROJECTS		0.00	0.00		0.01		0.01
	Total	**29.90**	**11.89**	**11.89**	**31.09**	**12.38**	**32.33**	**12.87**

TGGENCO
KTPP-II
Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		April-March	Apr - Mar	Apr - Mar
		Actual	Estimated	Projected
1	**Unit 1 / Station 1**			
A.	**Planned Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage	(enclosed as Annexure in Form-9 of KTPP-I)		
B.	**Forced Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage			
2	**Unit 2 / Station 2**			
	.....			
	.....			
	.....			

Note:
Details of outages should be submitted for each Unit of each station separately

TGGENCO
KTPP-II
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected	
1	Installed Capacity	MW	600							
	COD		24.03.2016							
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head							
2	**Availability**									
2.1	Target Availability for full recovery of AFC	%	85	**85**	**85**	**85**	**85**	**85**	85	
2.2	Actual/Projected Availability	%		**76.37**	**76.37**		**85**		85	
3	**Plant Load Factor (PLF)**									
3.1	Target PLF for Incentive	%	85	**85**	**85**	**85**	**85**	**85**	85	
3.2	Actual/Projected PLF	%		**66.26**	**66.26**		**85**		85.07	
4	**Gross Generation**									
4.1	Scheduled Generation	MU		3262.16	**3262.16**		4027.51		4236.46	
4.2	Actual/Projected Gross Generation	MU		**3482.46**	**3482.46**		**4263.41**		4471.2	
5	**Auxiliary Consumption**									
5.1	Normative Auxiliary Energy Consumption	%	5.25	**5.25**	**5.25**	**5.25**	**5.25**	**5.25**	5.25	
5.2	Actual/Projected Auxiliary Energy Consumption	%		**6.33**	**6.326**		**5.53**		5.25	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		**220.30**	**220.30**		**235.90**		234.74	
5.4	Net Generation	MU		**3262.16**	**3262.16**		**4027.51**		4236.46	
6	**Gross Station Heat Rate**									
6.1	Normative Gross Station Heat Rate	kcal/kWh	2300	**2300**	**2400**	**2300**	**2300**	**2300**	2300	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		**2371.41**	**2371.41**		**2300**		2300	
7	**Secondary Fuel Oil Consumption**									
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		**0.22**	**0.22**		**0.5**		0.5	
8	**Transit Loss**									
8.1	Normative Transit Loss	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%					**0.8**		0.8	

TGGENCO

KTPP-II

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25											FY 2025-26					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	371733	330052	281324	253322	282815	299990	279571	308681	347325	421308	389352	338579	342459	325383	341089	314703	235369	203871
2	Value ot stock	Rs.in Crs	199.87	182.14	156.82	143.95	162.11	173.18	159.51	170.00	197.48	246.79	231.99	199.24	199.03	177.30	178.52	163.38	124.10	105.93
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	339456	349937	370693	278162	295146	333515	378619	274043	235465	298014	341694	411789	332251	352840	334429	297192	336343	319244
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	339456.09	349937.11	370692.82	278162.27	295146.47	333515.03	378618.76	274043.23	235484.84	298014.22	341693.99	411789.11	332250.74	352839.74	334428.58	297191.55	336342.55	319244
6	Normative transit and handling loss	MT	2716	2799	2966	2225	2361	2668	3029	2192	1884	2384	2734	3294	2658	2823	2675	2378	2691	2554
7	Net coal supplied	MT	336740.4413	347137.6131	367727.2774	275936.9718	292785.2982	330846.9098	375589.8099	271850.8842	233581.2205	295630.1062	338960.4381	408494.7971	329592.7341	350017.0221	331753.1514	294814.0176	333651.8096	316690.048
C	**Price**																			
8	Amount charged by coal company	Rs.in Crs	181.67	192.96	201.37	153.54	162.59	179.97	201.18	154.73	136.90	171.66	188.71	226.29	165.76	172.85	167.39	151.81	163.39	148.84
9	Adjustment in amount charged by the coal company	Rs.in Crs	0.38	-1.72	-1.07	-1.42	-0.83	-1.88	-9.42	-2.64	-1.68	-0.42	-1.87	-2.19	-7.49	-5.74	-5.56	-1.88	-0.05	-1.94
10	Handling, sampling and such other similar charges	Rs.in Crs	1.66	1.68	1.72	1.51	1.62	1.61	1.85	1.60	1.68	1.80	1.97	1.94	1.68	1.69	1.71	1.67	1.67	1.66
11	Total amount charged (8+9+10)	Rs.in Crs	183.71	192.92	202.02	153.64	163.39	179.71	193.61	153.69	136.91	173.04	188.82	226.04	159.95	168.81	163.54	151.61	165.00	148.55
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.in Crs																		
	By road	Rs.in Crs	7.39	7.25	7.98	5.78	6.79	7.05	7.69	6.39	5.89	7.35	7.77	8.91	7.24	7.38	7.25	6.39	6.83	6.60
	By ship	Rs.in Crs																		
	...	Rs.in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	7.39	7.25	7.98	5.78	6.79	7.05	7.69	6.39	5.89	7.35	7.77	8.91	7.24	7.38	7.25	6.39	6.83	6.60
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	191.10	200.17	210.00	159.42	170.18	186.76	201.30	160.08	142.80	180.39	196.58	234.95	167.19	176.19	170.79	158.00	171.83	155.15
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	5518.56	5645.55	5682.44	5731.88	5772.78	5705.68	5507.26	5685.75	5857.72	5958.36	5884.49	5811.87	5449.27	5233.91	5191.66	5272.72	5200.83	5017.25
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4575.09	4551.27	4582.70	4515.76	4585.46	4518.12	4266.52	4470.07	4594.14	4639.79	4577.35	4615.48	4444.50	4439.42	4588.37	4672.00	4507.00	4546.00
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	4019.00	4062.46	3942.75	3889.98	3861.72	3907.81	3935.29	3827.50	3928.39	4048.57	4093.92	4034.12						
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	4110.00	3830.00	3850.00	3836.00	3952.00	3960.00	3748.00	4042.00	4226.00	4158.00	3966.00	3979.00						
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	4062.46	3942.75	3889.98	3861.72	3907.81	3935.29	3827.50	3928.39	4048.57	4093.92	4034.12	4003.86	3905.00	3799.00	4543.75	4403.00	3995.00	4185.00

Note:

1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3 Details to be provided for each source separately. In case of more than one source, add additional column.
4 Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

KTPP-I & II

Form 11.1: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	Apr-24		May-24		Jun-24		Jul-24		Aug
			HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
A	**Opening Quantity**										
1	Opening quantity of oil	KL	1649	397	1492	390	1632	390	1487	381	1604
2	Value ot stock	Rs.in Crs	10.34	3.37	9.36	3.31	10.33	3.31	9.44	3.23	10.24
B	**Procurement**										
3	Quantity of oil suppllied by the oil company	KL	0	0	203	0	48	0	193	0	278
4	Adjustment in oil quantity supplied by the oil company	KL									
5	oil supplied by oil company (3+4)	KL	0	0	203	0	48	0	193	0	278
6	Normative transit and handling loss	KL									
7	Net oil supplied	KL	0	0	203	0	48	0	193	0	278
C	**Price**										
8	Amount charged by oil company	Rs.in Crs	0.00	0.00	1.37	0.00	0.34	0.00	1.29		1.80
9	Adjustment in amount charged by the oil company	Rs.in Crs									
10	Handling, sampling and such other similar charges	Rs.in Crs									
11	Total amount charged (8+9+10)	Rs.in Crs	0.00	0.00	1.37	0.00	0.34	0.00	1.29	0.00	1.80
D	**Transportation**										
12	Transportation charges										
	By rail	Rs.in Crs									
	By road	Rs.in Crs									
	By ship	Rs.in Crs									
	...	Rs.in Crs									
13	Adjustment in amount charged by the oil transporter	Rs.in Crs									
14	Demurrage charges, if any	Rs.in Crs									
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs									
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	0.00	0.00	1.37	0.00	0.34	0.00	1.29	0.00	1.80
E	**Total Cost**										
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	62742	84821	63292	84821	63469	84821	63847	84821	63979
19	Blending Ratio (Domestic/Imported)										
20	Weighted average cost of oil for preceding three months	Rs./KL									
F	**Quality**										
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre									
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre									
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre									
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre									
25	Weighted average GCV of Oil as Billed	kcal/litre									
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre									
27	GCV of Domestic Oil supplied as received at Station	kcal/litre									
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre									
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre									
30	Weighted average GCV of Oil as Received	kcal/litre									

Note:

	Particulars										
1	Oil Consumption	KL	157.10	7.00	62.16	0.00	193.98	9.55	75.43	42.00	350.21
2	Oil Consumption value	Rs.in Crs	0.99	0.06	0.39	0.00	1.23	0.08	0.48	0.36	2.24
3	Oil Consumption rate	Rs./KL	63683.67		63291.89		64470.74		71348.67		6896

-24	Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25		Apr-25		May-
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
339	1532	317	1602	309	1638	338	1674	338	1665.99	337.85	1641.50	312.49	1588.09	362.49	1470.85	356.40	1401.71
2.87	9.80	2.65	10.24	2.58	10.47	2.78	10.69	2.78	10.65	2.78	10.52	2.52	10.18	2.94	9.43	2.89	8.98
99	131	0	99	50	105	0	0	0	193.12	202.00	0.00	50.00	0.00	0.00	0.00	0.00	201.74
99	131	0	99	50	105	0	0	0	193	202	0	50	0	0	0	0	202
99	131	0	99	50	105	0	0	0	193	202	0	50	0	0	0	0	202
0.78	0.82	0.00	0.64	0.37	0.66	0.00	0.00	0.00	1.2706875	1.581281	0	0.415092	0	0	0	0	1.214291
0.78	0.82	0.00	0.64	0.37	0.66	0.00	0.00	0.00	1.27	1.58	0.00	0.42	0.00	0.00	0.00	0.00	1.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.78	0.82	0.00	0.64	0.37	0.66	0.00	0.00	0.00	1.27	1.58	0.00	0.42	0.00	0.00	0.00	0.00	1.21
83489	63911	83489	63935	82306	63896	82306	63896	82306	64094	80800	64094	81106	64094	81106	64094	81106	63602

-25	Jun-25		Jul-25		Aug-25		Sep-25	
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
311.85	1337.50	318.21	1430.12	361.21	1409.73	355.94	1445.72	294.03
2.53	8.51	2.53	9.08	2.82	8.95	2.78	9.17	2.30
50.00	108.09	50.00	48.87	53.00	150.66	0.00	399.71	98.00
50	108	50	49	53	151	0	400	98
50	108	50	49	53	151	0	400	98
0.345143	0.6699157	0.351332	0.3067533	0.410436	0.9532215	0	2.4687153	0.766203
0.35	0.67	0.35	0.31	0.41	0.95	0.00	2.47	0.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.35	0.67	0.35	0.31	0.41	0.95	0.00	2.47	0.77
79437	63481	78192	63457	78096	63439	78096	63076	78118

43.64	15.47	7.00	69.27	58.27	114.67	61.91	78.57	11.46
0.35	0.10	0.05	0.44	0.46	0.73	0.48	0.50	0.09
1.23	68063.90		70145.59		68577.69		64990.13	

TGGENCO
KTPP-II
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/ Tariff Order	Apr - Mar	MYT/ Tariff Order	n+1
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
Auxiliary Consumption	AUX	%	5.25	6.33	6.33	5.25	5.25	5.25	5.25
Gross Station Heat Rate	GSHR	kcal/kWh	2300	2371	2371	2300	2300	2300	2300
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.22	0.22	0.5	0.5	0.5	0.5
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9390	9390	9390	9390	9390	9390	9390
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Gross Calorific Value of Coal	CVPF	kcal/kg	3872	3872	3872	4083.7	4084	4232	4232
Landed Price of Coal	LPPF	Rs./kg	5.72	5.72	5.72	4.967	4.967	4.716	4.716
Specific Coal Consumption		kg/kWh	0.59	0.61	0.61	0.56	0.56	0.54	0.54
Coal Rate		**Rs./kWh**	3.576	3.734	3.734	2.947	2.947	2.700	2.700
Oil Rate		**Rs./kWh**	0.037	0.017	0.017	0.036	0.036	0.037	0.037
ECR		**Rs./kWh**	**3.613**	**3.750**	**3.750**	**2.983**	**2.983**	**2.737**	**2.737**

TGGENCO
KTPP-II
Form 13: Sales

FY 2024-25

(MU)

Audited													
Beneficiary	Actuals						Estimated						Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	240.34	233.35	230.35	195.71	193.02	207.06	201.87	98.88	-1.55	178.29	251.84	272.29	2301.449
TGNPDCL (29.45%)	100.33	97.41	96.16	81.70	80.57	86.43	84.27	41.28	-0.64	74.42	105.12	113.66	960.7041
Total	340.66	330.76	326.51	277.41	273.59	293.49	286.14	140.16	-2.19	252.71	356.96	385.95	3262.15

FY 2025-26

(MU)

	Actuals						Estimated						
Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	205.17	221.91	220.30	244.14	227.70	233.06	253.64	245.46	253.64	253.64	229.10	253.64	2841.40
TGNPDCL (29.45%)	85.65	92.63	91.96	101.91	95.05	97.29	105.88	102.46	105.88	105.88	95.63	105.88	1186.10
Total	290.82	314.54	312.26	346.05	322.75	330.35	359.52	347.92	359.52	359.52	324.73	359.52	4027.50

FY 2023-24
Projected

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	259.90	268.56	259.90	268.56	268.56	259.90	268.56	121.28	233.91	268.56	242.57	268.38	2988.65
TGNPDCL (29.45%)	108.49	112.11	108.49	112.11	112.11	108.49	112.11	50.63	97.64	112.11	101.26	112.03	1247.57
Total	368.39	380.67	368.39	380.67	380.67	368.39	380.67	171.91	331.55	380.67	343.83	380.41	4236.22

KTPP - II (1 X 600 MW)

Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month (%)	%	90.75	86.57	88.93	79.52	87.14	93.05	89.14	46.93	0.00	66.80	95.85	95.63	76.37
3	Cumulative Availability (%)	%	92.46	90.30	90.40	88.01	88.17	89.26	87.83	82.80	73.47	72.79	74.72	76.50	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	83.89	79.18	80.57	66.90	65.61	72.48	68.60	35.44	0.00	60.26	93.48	91.55	
6	Cumulative PLF (%)	%	83.89	81.50	81.19	77.56	75.14	74.70	73.82	69.10	61.31	61.20	63.91	66.26	
7	Gross Generation (MU)	MU	362.39	353.46	348.07	298.63	292.89	313.11	306.21	153.09	0.00	268.99	376.93	408.68	3482.45
8	Auxiliary Consumption (MU)	MU	21.73	22.70	21.57	21.22	19.30	19.61	20.08	12.93	2.19	16.28	19.97	22.73	220.31
9	Net Generation (MU)	MU	340.66	330.76	326.50	277.41	273.59	293.50	286.13	140.16	-2.19	252.71	356.96	385.95	3262.14
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	3.160	
12	Approved Fixed Charges	Rs. Crore	50.97	50.97	50.97	50.97	50.97	50.97	50.97	50.97	50.97	50.97	50.97	50.97	611.68
13	Fuel Surcharge	Rs./kWh	3.395	3.579	3.652	3.714	3.695	3.625	3.601	3.617	3.614	3.639	3.644	3.627	
14	Fixed Charges During Month	Rs. Crore	50.97	50.97	50.97	50.97	50.97	50.97	50.97	40.42	-0.70	39.98	56.38	56.68	549.58
15	Energy Charges Amount	Rs. Crore	99.64	96.75	95.50	81.14	80.02	85.85	83.70	44.29	-0.69	79.86	112.80	121.96	980.82
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	16.00	21.62	23.73	21.89	21.05	20.54	19.34	6.41	-0.10	12.10	17.26	18.02	197.87
17	Incentive Amount	Rs. Crore													0.00
18	**Revenue from sale of electricity**	Rs. Crore	**166.62**	**169.34**	**170.21**	**154.01**	**152.05**	**157.36**	**154.01**	**91.12**	**-1.49**	**131.94**	**186.44**	**196.66**	**1728.27**
19	**Other recoveries/adjustments**														
	Fuel (savings)/charge year end adjustment	Rs. Crore													**50.08**
	Non-Tariff Income true-up	Rs. Crore													**26.70**
-	Water charges	Rs. Crore													**1.76**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													
20	**Total Revenue**	Rs. Crore	**166.62**	**169.34**	**170.21**	**154.01**	**152.05**	**157.36**	**154.01**	**91.12**	**-1.49**	**131.94**	**186.44**	**196.66**	**1806.81**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>

<BTPS>

Tariff Filing Formats - Generation

Checklist

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	✓
2	Form 2	Operation and Maintenance Expenses	✓
3	Form 2.1	Employee Expenses	✓
4	Form 2.2	Administration & General Expenses	✓
5	Form 2.3	Repair & Maintenance Expenses	✓
6	Form 3	Summary of Capital Expenditure and Capitalisation	✓
7	Form 3.1	Statement of Additional Capitalisation after COD	✓
8	Form 3.2	Financing of Additional Capitalisation	✓
9	Form 4	Fixed Assets & Depreciation	✓
10	Form 5	Interest and finance charges on loan	✓
11	Form 6	Interest on working capital	✓
12	Form 7	Return on Equity	✓
13	Form 8	Non-Tariff Income	✓
14	Form 9	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
BTPS
Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
				MYT/Tariff Order	April-March	True-Up requirement (Normative)	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
				Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal	
A	**Annual Fixed Charges**										
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	189.59	451.38	451.38	200.86	475.73	212.30	496.80	
2	Depreciation	Rs. Crore	Form 4	274.31	247.18	247.18	280.09	247.98	280.09	267.03	
3	Interest and finance charges on loan	Rs. Crore	Form 5	387.89	398.58	398.58	372.99	386.87	343.91	395.72	
4	Interest on Working Capital	Rs. Crore	Form 6	70.14	86.53	86.53	72.39	83.26	72.26	82.97	
5	Return on Equity	Rs. Crore	Form 7	377.86	465.10	465.10	518.27	468.58	518.27	492.62	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	11.62	15.16	15.16	12.09	15.79	12.57	16.43	
7	**Annual Fixed Charges**	**Rs. Crore**		1288.17	1633.61	1633.61	1432.51	1646.63	1414.26	1718.71	
B	**Energy Charges**										
1	Energy Charge Rate	Rs./kWh	Form 12	3.807	3.958	3.958	3.782	3.782	3.677	3.677	
2	Scheduled Energy (ex-bus)	MU	Form 10	4801.37	4801.37	4801.37	6275.43	6275.43	7361.10	7361.10	
3	Energy Charges	Rs. Crore		1827.87	1900.39	1900.39	2373.37	2373.37	2706.68	2706.68	
C	**AFC +Energy Charges**	Rs. Crore		3116.04	3534.00	3534.00	3805.88	4020.00	4120.94	4425.39	

TGGENCO
BTPS
Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. Crore)

S. No.	Particulars	Reference	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement (normative)	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
			Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Employee Expenses	Form 2.1		354.74	354.74		372.89		387.81
2	A&G Expenses	Form 2.2		19.70	19.70		21.21		22.47
3	R & M Expenses	Form 2.3		76.94	76.94		81.63		86.52
4	Total O&M Expenses		**189.59**	**451.38**	**451.38**	**200.86**	**475.73**	**212.30**	**496.80**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
BTPS
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Basic Salary	178.02	186.77	194.25
2	Dearness Allowance (DA)	24.02	25.23	26.23
3	House Rent Allowance	16.12	17.43	18.12
4	Conveyance Allowance	1.02	1.06	1.10
5	Leave Travel Allowance	0.00	0.00	0.00
6	Earned Leave Encashment	8.01	7.49	7.79
7	Other Allowances	31.69	33.28	34.61
8	Medical Reimbursement	1.88	1.85	1.92
9	Overtime Payment	0.00	0.00	0.00
10	Bonus/Ex-Gratia Payments	0.00	0.00	0.00
11	Interim Relief / Wage Revision	0.00	0.00	0.00
12	Staff welfare expenses	3.20	3.37	3.50
13	VRS Expenses/Retrenchment Compensation	0.00	0.00	0.00
14	Commission to Directors	0.00	0.00	0.00
15	Training Expenses	0.00	0.00	0.00
16	Payment under Workmen's Compensation Ac	0.00	0.00	0.00
17	Net Employee Costs	**263.96**	**276.48**	**287.54**
18	Terminal Benefits	0.00	0.00	0.00
18.1	Provident Fund Contribution	0.00	0.00	0.00
18.2	Provision for PF Fund	17.70	18.69	19.43
18.3	Pension Payments	0.00	0.00	0.00
18.4	Gratuity Payment	73.09	77.73	80.84
19	Unfunded past liabilities of pension & gratuity	0.00	0.00	0.00
20	Others	0.00	0.00	0.00
21	**Gross Employee Expenses**	**354.74**	**372.89**	**387.81**
22	Less: Expenses Capitalised			
23	**Net Employee Expenses**	**354.74**	**372.89**	**387.81**

TGGENCO
BTPS
Form 2.2: Administrative & General Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25 Apr-Mar Audited	FY 2025-26 Apr - Mar Estimated	FY 2026-27 Apr - Mar Projected
1	Rent Rates & Taxes	6.61	7.17	7.60
2	Insurance	0.00	0.00	0.00
3	Telephone & Postage, etc.	0.16	0.17	0.18
4	Legal charges & Audit fee	0.43	0.46	0.49
5	Professional, Consultancy, Technical fee	0.04	0.05	0.05
6	Conveyance & Travel	0.10	0.10	0.11
7	Electricity charges	0.48	0.28	0.29
8	Water charges	0.00	0.00	0.00
9	Security arrangements	8.10	8.76	9.28
10	Fees & subscription	0.61	0.66	0.70
11	Books & periodicals	0.00	0.00	0.00
12	Computer Stationery	0.00	0.00	0.00
13	Printing & Stationery	0.04	0.04	0.04
14	Advertisements	0.09	0.20	0.21
15	Purchase Related Advertisement Expenses	0.00	0.00	0.00
16	Contribution/Donations	0.00	0.00	0.00
17	License Fee and other related fee	0.00	0.00	0.00
18	Vehicle Running Expenses Truck / Delivery Var	0.07	0.08	0.08
19	Vehicle Hiring Expenses Truck / Delivery Van	2.57	2.74	2.90
20	Cost of services procured	0.00	0.00	0.00
21	Outsourcing of metering and billing system	0.00	0.00	0.00
22	Freight On Capital Equipments	0.01	0.01	0.01
23	V-sat, Internet and related charges	0.00	0.00	0.00
24	Training	0.08	0.09	0.10
25	Bank Charges	0.00	0.00	0.00
26	Miscellaneous Expenses	0.00	0.00	0.00
27	Office Expenses	0.03	0.03	0.03
28	Others	0.27	0.37	0.38
29	**Gross A &G Expenses**	**19.70**	**21.21**	**22.47**
30	Less: Expenses Capitalised			
31	**Net A &G Expenses**	**19.70**	**21.21**	**22.47**

TGGENCO
BTPS
Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		Apr-Mar	Apr - Mar	Apr - Mar
		Audited	Estimated	Projected
1	Plant & Machinery	62.98	66.84	70.85
2	Buildings	11.20	11.87	12.59
3	Civil Works	0.00	-	-
4	Hydraulic Works	0.00	-	-
5	Lines & Cable Networks	2.16	2.28	2.42
6	Vehicles	0.07	0.07	0.08
7	Furniture & Fixtures	0.00	-	-
8	Office Equipment	0.53	0.56	0.59
9	**Gross R&M Expenses**	**0.00**	**0.00**	**0.00**
10	Gross Fixed Assets at beginning of year	**7445.28**	**7540.34**	**7579.56**
11	R&M Expenses as % of GFA at beginning of year			

TGGENCO
BTPS
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	Opening Capital Works in Progress					0.00		0.00
2	Capital Expenditure during the year		95.06	95.06		39.22		889.13
3	Capitalisation during the year		**95.06**	**95.06**		**39.22**		**889.13**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

TGGENCO
BTPS

Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	2024-25									
1	2024-25	Civil	Land deposits for acquisition of land at BTPS	9.78		9.78				
2		Civil- buildings	Power house building, A type, B Type Residential Quarters and Project Hostel	15.31		15.31				
3		Plant and Machinery	I&C, Boiler, Turbine, generator CWIP	63.00		63.00				
4		BOP	CW Pump House Stage-II	0.41		0.41				
5		Civil	Other civil works	3.64		3.64				
6		Civil	Furniture and Fixtures	0.11		0.11				
7		Vehicles	Lorry, 11T/12T, 1917R 4x2 5100 BHARAT BENZ	0.29		0.29				
8			Photo copier , Cpu Microprocessor 32 bit embedded	0.94		0.94				
9			Surveillance system with 40 Nos. CC cameras	1.75		1.75				
10			Surveillance system	0.08		0.08				
11			Biometric device and Face detecting systems	0.04		0.04				
	...		Office & Canteen Equipment	2.41		2.41				
	Total					97.77				
	2025-26									
1		Civil	Balance Non-EPC works of BTPS	778.59	765.16	13.43		Township & Landscapping, Colony STP etc	22.1 (additional capitalisation)	Original Scope
2	2025-26	Non EPC(E&M works) and Non EPC Civil works	New conveying system for diversion of raw coal from the exisiting crusher house to stock the raw coal near chain conveyors area and construction of **space frame structure raw coal storage shed at BTPS(4X270MW) Project.**	135.87	60.87	0.00	CHP	Design, engineering, manufacture, supply, assembly, testing at manufacturers works, inspection, packing for inland freight, forwarding, transit insurance, delivery FOR site, erection, supervision, testing and commissioning of new conveying system for diversion of raw coal including modification works in the existing crusher house and construction of new raw coal storage shed with all accessories, Mandatory Spares, Tools & Tackles including all mechanical, electrical, C&I, civil, structural works, dust suppression, dust extraction and fire fighting system at BTPS(4X270MW) project".	Clause no.22.3 of TGERC Regulation 2 of 2023	It is very essential to have raw coal storage shed as the rainfall in Manuguru mandal consistnly exceeding the normal level resulted to receipt of higher wet coal, consequently Generation loss and opertational issues impacting the performance of the units. Hence, construction of Raw coal storage shed is essential.
3		BTG	Procurement of Generation Transformer (320MVA, 16.5/420KV) at BTPS Stage-I	25.79	25.79	25.79			22.1 (additional capitalisation)	i). 04 numbers Generator Transformers of BHEL make are available at BTPS, out of which, 03 numbers are in service and GT-1 got damaged in a fire accident. LOI was issued for repair of damaged GT-1. ii). High level committee in its report observed that there is presence of gases viz. Methane and Acetylene in other transformers also. Generator Transformer is a critical equipement and its failure leads to Generation Loss. iii). In addition to the above, Non-availability of spare Generator Transformer affects the unit availability as the lead period for manufacture / supply of Generator transformer is 8 months as per the budgetory offer of OEM i.e., M/s. BHEL. iv). Hence, it is desirable to have 1 no. Generator Transformer which is interchangeable for all GTs as spare. v). Further, Committee constituted vide TGOO No.60, Dt.14.09.2024 has opinad to procure a new Generator Transformer also as a spare to avoid Generation loss in the event of any eventuality in four units of BTPS
	...									
	Total					39.22				
	2026-27									
1		Civil	Balance Non-EPC works of BTPS	778.59	753.26	753.26		Township & Landscapping, Colony STP etc	22.1 (additional capitalisation)	Original Scope
2	2026-27	Non EPC(E&M works) and Non EPC Civil works	New conveying system for diversion of raw coal from the exisiting crusher house to stock the raw coal near chain conveyors area and construction of **space frame structure raw coal storage shed at BTPS(4X270MW) Project.**		75.00	135.87	CHP	Design, engineering, manufacture, supply, assembly, testing at manufacturers works, inspection, packing for inland freight, forwarding, transit insurance, delivery FOR site, erection, supervision, testing and commissioning of new conveying system for diversion of raw coal including modification works in the existing crusher house and construction of new raw coal storage shed with all accessories, Mandatory Spares, Tools & Tackles including all mechanical, electrical, C&I, civil, structural works, dust suppresion, dust extraction and fire fighting system at BTPS(4X270MW) project".	Clause no.22.3 of TGERC Regulation 2 of 2023	It is very essential to have raw coal storage shed as the rainfall in Manuguru mandal consistnly exceeding the normal level resulted to receipt of higher wet coal, consequently Generation loss and opertational issues impacting the performance of the units. Hence, construction of Raw coal storage shed is essential.
3										
	...									
	Total					889.13				

** Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

FORM-18 (CAPITLISATION OF ASSETS DURING FY 2024-25)-4900(BTPS/O&M)						
APC Acct	Class	Asset	Asset Description	Date of Put to Use	BASIS OF CAPITALIZATION	Acquisition
100020	1010	1000000135	LAND DEPOSITS FOR ACQUISATION OF LAND AT BTPS	01.04.2024	CWIP	9,78,47,484.00
			LAND DEPOSITS			**9,78,47,484.00**
100110	1100	1100000412	Power House Building	10.04.2024	CWIP	2,15,25,459.85
100110	1100	1100000439	A TYPE RESIDENTIAL QUARTERS	10.04.2024	CWIP	65,90,033.47
100110	1100	1100000440	B TYPE RESIDENTIAL QUARTERS	10.04.2024	CWIP	3,98,57,879.41
100110	1100	1100000441	PROJECT HOSTEL	10.04.2024	CWIP	8,51,68,910.27
			BUILDINGS			**15,31,42,283.00**
100210	1200	1200000186	Instrumentation & Control System Unit-I	10.04.2024	CWIP	1,94,132.00
100210	1200	1200000187	Instrumentation & Control System Unit-II	10.04.2024	CWIP	1,94,132.00
100210	1200	1200000188	Instrumentation & Control System Unit-III	10.04.2024	CWIP	1,94,132.00
100210	1200	1200000189	Instrumentation & Control System Unit-IV	10.04.2024	CWIP	1,94,132.00
100210	1300	1300002568	Boiler ID Fan Unit-I (2Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002569	Boiler ID Fan Unit-II (2Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002570	Boiler ID Fan Unit-III (2Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002571	Boiler ID Fan Unit-IV (2Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002572	Boiler FD Fan Unit-I (2Nos)	10.04.2024	CWIP	14,55,990.32
100210	1300	1300002573	Boiler FD Fan Unit-II (2Nos)	10.04.2024	CWIP	14,55,990.32
100210	1300	1300002574	Boiler FD Fan Unit-III (2Nos)	10.04.2024	CWIP	14,55,990.32
100210	1300	1300002575	Boiler FD Fan Unit-IV (2Nos)	10.04.2024	CWIP	14,55,990.32
100210	1300	1300002580	Boiler Mills Unit-I (6Nos)	10.04.2024	CWIP	19,41,313.51
100210	1300	1300002581	Boiler Mills Unit-II (6Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002582	Boiler Mills Unit-III (6Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002583	Boiler Mills Unit-IV (6Nos)	10.04.2024	CWIP	19,41,319.84
100210	1300	1300002584	Boiler Auxilaries Unit-I	10.04.2024	CWIP	94,23,480.79
100210	1300	1300002585	Boiler Auxilaries Unit-II	10.04.2024	CWIP	94,23,480.79
100210	1300	1300002586	Boiler Auxilaries Unit-III	10.04.2024	CWIP	94,23,480.79
100210	1300	1300002587	Boiler Auxilaries Unit-IV	10.04.2024	CWIP	85,87,267.31
100210	1300	1300002600	Turbine Auxilaries Unit-I	10.04.2024	CWIP	2,57,22,488.15
100210	1300	1300002601	Turbine Auxilaries Unit-II	10.04.2024	CWIP	2,57,22,488.15
100210	1300	1300002602	Turbine Auxilaries Unit-III	10.04.2024	CWIP	2,57,22,488.15
100210	1300	1300002603	Turbine Auxilaries Unit-IV	10.04.2024	CWIP	2,57,22,488.15
100210	1300	1300002628	Lube oil System Unit-I	10.04.2024	CWIP	1,94,132.00
100210	1300	1300002629	Lube oil System Unit-II	10.04.2024	CWIP	1,94,132.00
100210	1300	1300002630	Lube oil System Unit-III	10.04.2024	CWIP	1,94,132.00
100210	1300	1300002631	Lube oil System Unit-IV	10.04.2024	CWIP	1,94,132.00
100210	1300	1300002639	Generator Auxilaries Unit-II	10.04.2024	CWIP	4,85,330.33
100210	1300	1300002640	Generator Auxilaries Unit-III	10.04.2024	CWIP	4,85,330.33
100210	1300	1300002641	Generator Auxilaries Unit-IV	10.04.2024	CWIP	4,85,330.33
100210	1300	1300002642	Boiler SG Piping Unit-I	10.04.2024	CWIP	61,57,576.59
100210	1300	1300002643	Boiler SG Piping Unit-II	10.04.2024	CWIP	61,57,576.59
100210	1300	1300002644	Boiler SG Piping Unit-III	10.04.2024	CWIP	54,13,671.07
100210	1300	1300002645	Boiler SG Piping Unit-IV	10.04.2024	CWIP	78,73,444.22
100210	1300	1300002654	Generator Transformer Unit-I	10.04.2024	CWIP	4,85,330.33
100210	1300	1300002658	Station Transformer Stage-I	10.04.2024	CWIP	29,11,979.83
100210	1300	1300002659	Station Transformer Stage-II	10.04.2024	CWIP	29,11,979.83
100210	1300	1300002668	Switch Yard	10.04.2024	CWIP	2,27,69,971.47
100210	1300	1300002674	Coal Handling Plant	10.04.2024	CWIP	3,54,19,346.01
100210	1300	1300002676	Ash Handling Plant Stage-II	10.04.2024	CWIP	12,43,463.50
100210	1300	1300002677	Mill Reject System Unit-I	10.04.2024	CWIP	36,97,803.62
100210	1300	1300002678	Mill Reject System Unit-II	10.04.2024	CWIP	36,97,803.62
100210	1300	1300002679	Mill Reject System Unit-III	10.04.2024	CWIP	36,97,803.62
100210	1300	1300002680	Mill Reject System Unit-IV	10.04.2024	CWIP	56,50,027.79
100210	1300	1300002691	Mill bunker (6Nos) Unit-II	10.04.2024	CWIP	53,21,087.92
100210	1300	1300002693	Mill bunker (6Nos) Unit-IV	10.04.2024	CWIP	53,21,087.92
100210	1300	1300002694	Chimney Stage-I	10.04.2024	CWIP	2,28,85,483.04
100210	1300	1300002695	Chimney Stage-II	10.04.2024	CWIP	17,30,566.66
100210	1300	1300002696	Ash Pond	10.04.2024	CWIP	32,27,85,664.72
			PLANT AND MACHINERY			**63,00,42,891.29**
100310	1500	1500000356	CW Pump House Stage-II	10.04.2024	CWIP	40,95,718.07
			HYDRAULIC WORKS			**40,95,718.07**
100410	1600	1600000348	Other Civil Works	10.04.2024	CWIP	3,63,57,940.34

APC Acct	Class	Asset	Asset Description	Date of Put to Use	BASIS OF CAPITALIZATION	Acquisition
			OTHER CIVIL WORKS			**3,63,57,940.34**
100510	1800	1800005984	Chair, High Back, Kareena, FU9P01AS13R5 (8)	22.04.2024	PO.NO 4500032409	2,00,477.28
100510	1800	1800005985	Chairs High Back,Kareena FU9P01AS13R5 (9)	23.04.2024		2,25,536.94
100510	1800	1800006069	EXCUTIVE DINING TABLE 4SEATER (12 nO)	31.03.2025	PO.NO 4500032040	2,91,497.76
100510	1800	1800006070	OFFICE STEEL ALMIRAHA,6'X3'X1'6" (8 nO)	31.03.2025		1,47,301.76
100510	1800	1800006071	OFFICE TABLE,5'X2'6"X2'6" (8 nO)	31.03.2025		82,187.28
100510	1800	1800006072	S TYPE OFFICE CHAIR HEAVY DUTY (10 nO)	31.03.2025		34,385.20
100510	1800	1800006073	OFFICE FILE CABIN 6FT HEAVY DUTY	31.03.2025		20,631.12
100510	1800	1800006063	Iron Almirahs (2)	31.03.2025	TEMPORARY ADVANCE 6300002488	35,400.00
100510	1800	1800006064	Almirahs (2)	31.03.2025	6300001102	10,000.00
100510	1800	1800006074	Almirahs (4)	31.03.2025	6300001030	10,000.00
100510	1800	1800006075	Almirahs (4)	31.03.2025		31,200.00
			FURNITURE AND FIXTURES			**10,88,617.34**
100610	1700	1700000204	LORRY,11T/12T,1917R 4X2 5100,BHARAT BENZ	26.09.2024	PO.NO 4500033428	29,20,792.07
			VEHICLES			**29,20,792.07**
100710	1900	1900004273	PHOTO COPIER DIGITAL,MODEL:BJ025DAD	28.09.2024	4500032714	8,280.00
		1900004297	CPU,MICROPROCESSOR MPL,32BIT EMBEDDED	23.04.2024	4500027172	9,34,668.56
			COMPUTERS			**9,42,928.56**
100960	2100	2100001863	CAMERA 4MEGA PIXEL NETWORK IR BULLET	18.06.2024	PO.NO 4500032315	2,65,737.00
			ANPR CAMERA,LENS:5.3MM,DS-TCM203-A/5313	18.06.2024		2,71,164.00
			NVR,64CHANNEL,MDL:DS-9664NI-I8	18.06.2024		81349.2
			CCTV SYSTEM	10.04.2024	CWIP	1,69,31,657.52
			Surveillance System with CC Cameras 40 Nos			**1,75,49,907.72**
100960	2100	2100001864	Refrigerator	10.07.2024	TEMPORARY ADVANCE (6300000137)	43,500.00
100960	2100	2100001868	IP CAM,.RA,SURVL,ONVIF,PTZ,2MP,I8:100M	04.09.2024	PO.NO 4500033813	7,92,960.00
			16 CHANNEL NVR, 10TB CAPACITY	04.09.2024		24,707.73
			SURVEILLANCE SYSTEM			**8,17,667.73**
100960	2100	2100001879	BIOMETRIC DEVICE4000FACE,FNG DET&CRD RED	17.12.2024	PO.NO 4500034478	4,24,800.00
			BIOMETRIC DEVICE 4000FACE FNG DET&CRD RED (10 Nos)			**4,24,800.00**
100960	2100	2100001915	WET GRINDER 10L CAPACITY	31.03.2025	PO.NO 4500032040	27,165.99
100960	2100	2100001916	WET GRINDER 7L CAPACITY	31.03.2025		23,499.99
100960	2100	2100001918	240 L REFRIGERATOR GODREJ (4 nO)	31.03.2025		1,07,160.00
100960	2100	2100001919	CANTEEN EQUIPMENT	31.03.2025		53,075.22
100960	2100	2100001917	SUBMERSIBLE PUMP 10OANZE, 30KW/40 (2 nO)	31.03.2025	4500032446	50,96,538.00
			OFFICE EQUIPMENT			**2,41,43,314.65**

Senior Accounts Officer
BTPS(O&M)/Manuguru

NEED AND JUSTIFICATION OF THE PROPOSAL

a) Presently there is no raw coal storage shed in BTPS. BTPS plant is situated nearby the Manuguru open cast mines of SCCL. Considerable generation loss has been occurred during the operation of units from 2021-22 to 2024-25 due to the receipt of wet coal during monsoon season.

b) The coal supplied from OC mines by trucks in the BTPS plant is very much wet during the monsoon period. Coal is feeding to the bunkers through the conveying system. CHP equipment are originally designed only for feeding the dry coal. In view of wet coal being fed during monsoon, Crusher jam, chute jam, belt snapping and equipment damages are occurring frequently. Due to these frequent interruption in coal feeding, considerable generation loss is being incurred.

c) A raw coal storage shed that can accommodate at least 10 days coal stock (i.e 1.0 lakh MT) was proposed to store the raw coal near chain conveyors by diverting the raw coal before the existing crusher house to avoid the generation loss due to the wet coal.

1. Hon'ble Commission has approved vide Table No.4.6 of Mid-Term Review Order, dated. 23.03.2023 for Rs. 138.76 Cr. and Rs. 1466.57 Cr. under the Common Works E&M and Civil other than BHEL respectively. The total estimated cost of the present proposal is of Rs.135.87 Cr. will be met by re-appropriating the common works of E&M and civil works other than BHEL of Rs.70 Cr. and 65.87 Cr. respectively.

2. It is to submit that, the last Unit of the BTPS was commissioned on Dt. 09.01.2022, as per the TGERC Regulation 1 of 2019, the cut-off date is 31.03.2025. The Additional Capitalization, as per the Clause No. 22.3 of TGERC Regulation 2 of 2023, the capital expenditure, in respect of existing generating Station incurred or projected to be incurred beyond the original scope, may be admitted by the Commission subject to prudence check.

Justification for Non-EPC Civil Works

Justification:

In order to provide residential accommodation to the staff of BTPS, it was proposed to establish integrated Township adjacent to the BTPS pant. Accordingly, 811 No's Residential quarters along with amenities such as Club house, Hospital, School, Stores Complex, Gas Godown, Guest Hostel are proposed for the Township and taken up the works on 28.12.2022 with a contract period of 18 Months. As the existing soil strata is very precarious, lay outs and structural designs are taking much time for finalization. In addition, certain works were held up due to legal cases filed by certain land losers. By considering the site constraints, extension of time was granted for completion of work by 31.03.2026. However, as the works of D- type multi storied building are still to be commenced due to non-finalization of foundation designs, the subject work may be extended further about 6 months. Hence, this budget is essentially required for completion of Township in full shape.

Details of Proposal

The brief details of the some of the proposed works are as below.

a. Railway siding and marshalling yard works:

As per the conditions stipulated in Environmental clearance granted by MOEF, Govt. of India for BTPS project, the Coal required for Power generation is to be transported by Rail. As such new railway line is proposed from Manuguru Railway station to BTPS. The Railway line works were taken up in different packages by TGGENCO as per the recommendations of M/s. RITES Ltd; (Project Management Consultants). As per the scope of works, TGGENCO have to handover Ac.201.30 Gts of land required for laying of Railway line. However, the land Acquisition in respect of above lands has so far not completed in full shape due to pendency of 45 Writ Petitions filed by various land losers in Hon'ble High Court of Telangana state, Hyderabad, praying for Employment, Additional land compensation and R&R package etc. The Land Acquisition pertaining to balance lands required to an extent of Ac.25-17 Gts is held up. Due to

which, Railway line works are getting delayed. The above legal cases are entrusted to the Learned Advocate General, Govt of Telangana for quick disposal of the same, since Railway line is essentially required for transportation of Coal to BTPS.

b. Construction of Integrated Township

Soil Investigation, Engineering, Design and Construction of Integrated Township with infrastructural Works consisting of Independent and Multistoried residential quarters, School building, Hospital building, Stores Complex, Guest House, Club house, Indoor Auditorium, Storage shed, Main Gate with Security office Building, site Leveling and grading,

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499837

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : BTPS (O&M)

To :
M/s BHARAT HEAVY ELECTRICAL LIMITED ROD
EK TARA BUILDING-39
SAROJINI DEVI ROAD
SECUNDERABAD 500003, Telangana
Phone No:04027703278
Fax No:04027700716

Vendor Code : 112130
GSTIN : 36AAACB4146P4ZD
PAN No.: AAACB4146P

PO No: 4500036080 /CE/GEN / SE/GEN-III / EME VIII / D18 / 2024 - 25 / / DT. 28.03.2025

Sub: TGGENCO- Generation- BTPS(4X270MW)- Stage-I, Unit-I - Design, Manufacture & Supply of Generator Transformer (320MVA, 16.5/420KV) along with accessories and Transformer Oil to Bhadradri Thermal Power Station -Detailed Purchase Order -Issued - Regarding.

Ref :- 1) Tender No. e-CEG/SEG-III/E8A17/BTPS/GT /16 /2024-25.
2) Your Offer.No.ROD-24E-SEC013, dt.03.10.2024
3) Negotiation Meeting held on 27.02.2025.
4) Your letter ref: ROD-24E/SEC013/06, dt. 07.03.2025
5) Your letter ref: ROD 24E/SEC013/07, dt. 07.03.2025
6) Your letter ref: ROD-24E/SEC013/08, dt. 07.03.2025
7) LOI.No.CEG/SEG-III/E8A17/BTPS/F. New GT /D.No.601/24-25, dt.10.03.2025.
8) M/s.BHEL e-Mail dt. 24.03.2025.

1 ACCEPTANCE :

I, acting for, on behalf of and by the order & direction of Telangana Power Generation Corporation Ltd. (Here-in-after called "TGGENCO") accept the offer of M/s.BHEL(ROD)(hereinafter called as "CONTRACTOR") cited at ref(2), against this office tender at ref(1) above, subsequent correspondence vide ref (4) to (6), (8) and read with Letter of Intent(LOI) vide ref(7) for carrying out "Design, Manufacture & Supply of Generator Transformer (320MVA, 16.5/420KV) along with accessories and Transformer Oil to Bhadradri Thermal Power Station" as detailed in accordance with the above correspondence and subject to the terms & conditions set out in this order. This order is issued in regularization of the Letter of Intent(LOI) vide ref (7) cited above.

2.SCOPE OF CONTRACT/ORDER:

Design, Manufacture & Supply of 1No. Generator Transformer (320MVA, 16.5/420KV, YND11, 3-phase) including HV, HV Neutral and LV Bushings, OCTC Tap changer, CCC panel, connecting pipes, radiator banks, conservator, cooling fans, pumps and all other accessories and instruments like PRV, Buchholtz relay etc. and online DGA monitoring system, transformer oil, standard tools to BTPS. Technical specification attached. Supplied Generator Transformer shall match with the existing Generator transformers at BTPS.

3.SCHEDULE OF MATERIALS & PRICES:

As per Annexure-I.

PO Amount :Rs. 21,50,00,000/- In words :Rupees Twenty One Crores Fifty Lakhs Only

4.PRICE BASIS:
The prices accepted in Clause No.(3) above are FIRM and are on F.O.R Destination basis, inclusive of charges towards Packing & Forwarding, Transit Insurance, Third Party Inspection charges and exclusive of GST and Freight charges of Rs.42,48,000/-(including GST @ 18% on freight charges) and not subject to any variation on any grounds till supplies are completed.

5.PACKING & FORWARDING CHARGES:
The prices indicated in Clause No.(3) above are inclusive of packing and forwarding charges. The material shall be adequately & securely packed before despatch to withstand rough handling during transportation up to site and also to prevent damage to the material.

6.TAXES:
I)GOODS & SERVICE TAX (GST):
a)The prices indicated in Clause No.(3) are exclusive of Goods & Service Tax (GST) which will be paid extra as applicable at the time of supply on Basic Price. Present rate of GST is 18%.
b)"If at a later date, the GST applicable on the material supplied against this contract is reduced or if the amount paid is less than that claimed from TGGENCO, such excess amount received from TGGENCO will be returned, irrespective of the time lag."
c)If any benefit is given by Government on account of GST, the same shall be passed on to TGGENCO.
d)**TGGENCO GST TIN No. : 36AAFCT0257Q3ZT**

II) TAX COLLECTED at SOURCE (TCS):
a)"Statutory levies and Taxes are extra at applicable rates. However, in case of TCS U/s 206C(1H), TCS will be paid on satisfactory verification of proof of required details i.e., the Turnover of the vendor during preceding financial year has crossed Rs.10 crore and cumulative purchase of TGGENCO during the current financial year have exceeded the threshold limit of Rs.50 Lakh (Otherwise limits as prescribed by law). The providing of above required information is the responsibility of the vendor only".
b)The Contractor/Supplier should file necessary returns and remittance to GOI against TGGENCO PAN "AAFCT0257Q".
According to the latest government norms, TCS (Tax collected at source) of 0.1% will be charged additionally at the time of billing. The same amount, once paid, can be utilized as a tax credit by TGGENCO.

7.VARIATION IN TAXES & DUTIES:
a)Within Delivery Period: Any variations, either upward or downward, or any new introductions in statutory taxes/ duties/ levies etc. will be to TGGENCO account, provided that the Supplier adheres to the Delivery Period as per Clause No.(17).
b)Beyond Delivery Period: In case stipulated Delivery Period is not adhered to, any up-ward variation in taxes/duties/levies etc. or new taxes/ duties/levies etc. imposed, if any, beyond the agreed DELIVERY PERIOD, shall be borne by the Suppliers only. However, in case of a downward variation, the benefit shall be passed on to TGGENCO.
c)In either case, SUPPLIER shall agree that if, any taxes & duties reported to have been paid, have not been paid, or a lesser amount has been paid, or on subsequent adjudication or a appeal or revision, it is decided that a lesser amount is payable, the SUPPLIER shall refund such excess amounts claimed from TGGENCO, irrespective of time lag if any.

8.FREIGHT:
a)The prices accepted in Clause No.(3) above are exclusive of Charges towards Freight of Rs.42,48,000/-(including GST @ 18% on freight charges) The material shall be dispatched to site as per delivery period indicated under Clause No.(17).
b)Loading & Unloading Charges:
Loading & Unloading charges at firm's works and at designated place at site shall be to your account.

9.TRANSIT INSURANCE:
The prices accepted in Clause No.(3) above are inclusive of Transit Insurance charges. The material shall be dispatched duly arranging transit insurance and you are responsible for any loss or damage in transit and for settling the insurance claims and for replacement of material, if any.

10.TERMS OF PAYMENT:
i)100% payment along with all taxes and duties etc., will be made through RTGS payment within 30 days from the date of receipt and acceptance of consignment at site duly certified by the consignee, against submission and approval of 10% Performance Bank Guarantee. Payment will be arranged subject to the deduction of PENALTY

amount for delay in deliveries, as applicable.
ii)If the supplier has received any excess Payment by mistake or if any amounts are due to TGGENCO due to any other reasons, when it is not possible to recover such amounts under the contracts resulting out of the order, then TGGENCO reserves the right to collect the same from any other amounts and/or Bank Guarantees given by the Company due to or with TGGENCO.
iii)For arranging RTGS payments supplier shall furnish the bank details along with cancelled cheque.

11.SECURITY DEPOSIT:
i)The supplier shall furnish Security Deposit within 1 month from the date of issue of LOI/PO whichever is earlier, equivalent to 2.5% of the value of purchase order by way of Bank Guarantee from any Scheduled Bank/Nationalized Bank, covering the delivery period with a claim period of 6 months thereafter for satisfactory completion of delivery of the material.
ii)The Bank Guarantee shall be furnished on a Non-Judicial stamp paper worth of Rs.100/- in the prescribed proforma enclosed, which shall be used within 6 months from the date of purchase. A copy of TGGENCO guidelines for submission of BG is enclosed for your reference.
iii)This Security Deposit will be returned on application, after completion of supplies and there is nothing outstanding either against this Purchase Order or any other Purchase Order placed by the corporation on the supplier.

12.PERFORMANCE BANK GUARANTEE:
i)The firm shall furnish an additional security in the form of Performance Bank Guarantee is essential for satisfactory performance of the equipment during the guarantee period. In view of this, suppliers of equipment shall be required to furnish a Bank Guarantee (10% of order value) as follows against any manufacturing defects/ poor workmanship /poor performance.
ii)In case any deficiencies are found during this period, the same shall be repaired /rectified/replaced free of cost. BG shall be from any Scheduled Bank or Nationalized Bank in the prescribed Proforma of TGGENCO.
iii)The Bank Guarantees shall be furnished on a Non-Judicial stamp paper worth of Rs.100/- in the prescribed proforma enclosed, which shall be used within 6 months from the date of purchase. A copy of TGGENCO guidelines for submission of BG is herewith enclosed for your reference.
iv)These Bank Guarantees will be returned on application and after successful completion of the guarantee period and supplier has met all contractual obligations and there is nothing outstanding either against this Purchase Order or any other Purchase Order placed by the corporation on the supplier.
v)Please note that the approval of PBG is essential for arranging payment.

13.GUARANTEE PERIOD:
Guaranteed for a period of 72 months from the date of supply or 60 months from the date of Commissioning whichever is earlier against any manufacturing defects or poor workmanship. Guarantee Certificate shall be submitted along with supplies.

14.DRAWINGS, MQP & VENDOR APPROVAL:
a)Drawings:
In order to ensure technical suitability, the bidder shall submit, 03 set of Technical Data Sheet, GA drawings, Assembly drawings, list of bought out items etc., all duly signed & stamped within 15 days from the date of receipt of LOI for approval of the same. Notwithstanding any approval issued by TGGENCO, the Supplier shall be solely responsible for the correctness of the same, for the consequences arising out of any errors or omissions therein, or for any litigation or liability under the contract.
b)MQP:
The supplier shall submit acceptance to TGGENCO approved QAP/MQP along with reference drawings /documents within 15 days from the date of receipt of LOI/PO whichever is earlier for approval.
c)Vendor approval:
Vendor approval shall be obtained for all bought out items.
TGGENCO should arrange approval at the earliest possible to meet the delivery period.

15.PRE-DESPATCH INSPECTION:
a)The MATERIALS indicated in Clause No.3 above, shall be offered for Stage Inspection/Pre-Despatch joint Inspection by the authorized representatives of both TGGENCO and Third Party Inspection (TPI) Agency, M/s. Lloyd's Register Asia (LRA) now M/s. LRQA Inspection Services India LLP as per approved MQP for compliance with the requirements of the order.
b)The Supplier shall contact M/s. LLOYDs, immediately on readiness of the material. Further, the supplier shall send 15 Days advance intimation to Chief Engineer / Generation/TGGENCO /Vidyuth Soudha/ Hyderabad, Telangana in prescribed format enclosed (QMS-E1-QA-F5) to enable us to depute our authorized representative for inspection of material along with M/s. Lloyds.
c)The tests shall be done as per the approved Manufacturing Quality Plan(MQP) enclosed along with Purchase Order within the stipulated delivery period.
d)Apart from third party inspection Agency, the TGGENCO's authorized representative shall, at all reasonable

times, have the right of access to the suppliers Works, to determine or assess compliance with the Specifications stipulated and to witness the TESTS.
e)Any waiver of inspection by representative of M/s. Lloyds (or) of TGGENCO should be at the discretion of the Chief Engineer /Generation, TGGENCO with the concurrence of Chief Engineer /Quality Control.
f)The prices indicated in Clause No. (3) are inclusive of inspection charges of M/s. Lloyd's Register Asia (LRA) now M/s. LRQA Inspection Services India LLP.

16.TESTS & TEST CERTIFICATES :
The equipment shall be tested in accordance with TGGENCO approved MQP as per the latest revisions of relevant Indian/International Standards, to establish compliance of the equipment with the stipulated Specifications /requirements. 3Nos sets of all relevant Test Certificates, FAT reports duly attested by the Third Party Inspection Agency shall be submitted to the Chief Engineer/Quality Control/ TGGENCO for issuing MDCC (Material Dispatch Clearance Certificate) before dispatch of the equipment. All costs of such tests including the replacement of the damaged material shall be borne by the seller.

17.DELIVERY PERIOD:
Delivery of the materials indicated in Clause No.(3) i.e., schedule of materials and prices above, shall be deemed to be the essence of this contract and is subject to PENALTY as per Clause No.(19)i.e., LIQUIDATED DAMAGES below.

The MATERIALS shall be supplied within the 8 Months from the date of receipt of LOI/PO whichever is earlier. This period shall be reckoned from the date of receipt of LOI, until the delivery of the materials at Site. Delivery Period shall include the time taken for all activities within the scope of the supply.

18.DISPATCH:
The material shall be strictly dispatched only after above said inspection or such inspection/(s) waived by Chief Engineer/ Generation/TGGENCO/Vidyut Soudha/ Hyderabad-82 and after submission of Inspection report in format (QMS-E1-QA-F1.1), issuance of test certificate, approval and Material Dispatch Clearance Certificate(MDCC) in format (QMS-E1-QA-F7) by the Chief Engineer /Quality Control/TGGENCO.

19.LIQUIDATED DAMAGES:
In the event of any delay beyond the stipulated delivery period including any extension permitted in writing, the Corporation reserves the right to recover from the firm a sum equivalent to 0.5% of the PO value for each week of delay and part thereof subject to a maximum of 5% of the total value of the PO.

20.MATERIAL & WORKMANSHIP:
All the materials shall be of the best class and shall be capable of satisfactory operation under service conditions indicated without distortion and deterioration. Unless otherwise specified, they shall confirm to the requirements of the appropriate Indian/International standards. The workmanship shall be of the highest grade and shall be in accordance with the best modern practices. The subject material shall be capable of withstanding the severe stresses likely to occur in actual service and capable of resisting rough handling during transport.

21.Interchangeability: The supplied Generator transformer must be interchangeable with the existing Generator Transformer of BHEL make without any modifications in the connected system. The supplied GT should dimensionally match with existing BHEL make GT, 16.5KV LV IPBD and transformer foundations i.e for main tank, radiator banks, cooling fans and pumps etc. HV Bushings to LAs length and other dimensional drawings should match with the Generator Transformer(GT) to be supplied.

22.DESPATCH INSTRUCTIONS :
a)The material shall be dispatched to site after issuing of dispatch clearance certificate, consigned to the Assistant Divisional Engineer/ Stores/ BTPS/ Manuguru, Paloncha-507117/Bhadradri Kotagudem Dist., Telangana along with all the original documents. It is supplier's responsibility for safe delivery of the material up to the destination.
b)The Consignment(s) shall be dispatched through reputed Transport Agencies and transport on a trailer of required capacity.
c)All original documents of materials shall be sent to the Assistant Divisional Engineer (Stores)/BTPS and copies of invoices shall also be marked to the Chief Engineer / Construction/BTPS and Chief Engineer/Generation, TGGENCO, Vidyut Soudha, Hyderabad, Telangana.
d)Instruction Manuals: 6Nos copies of O&M manual detailing all the activities shall be furnished.
e)Road permit/e-Way bills: Firm's scope.
f)Consignee:Assistant Divisional Engineer/ Stores/ BTPS/ Manuguru, Paloncha - 507 115/ Bhadradri - Kotagudem. Dist. Telangana.

23.INVOICING INSTRUCTIONS:
a)The Invoice shall be raised from

M/s. BHEL,
HEP Plant, Piplani,
Bhopal, Madhya Pradesh-462022

b)All Bills/Invoices shall be drawn in favour of the Senior Accounts Officer shall be submitted to the Consignee for arranging payment.

c)The Invoices shall clearly indicate all relevant particulars such as the P.O Reference, Material Description, Quantity, Unit Rate, Total Price, Taxes/Duties applicable etc.

d)The following documents shall be submitted along with the Invoices:

*Challan/Packing Slip, Consignee copy of RR/LR etc.

*Documentary evidence relating to the payment of taxes & duties.

*Guarantee Certificate, Test Certificates, FAT reports and MDCC etc.

Original documents as stipulated in (c) above along with three sets of photo copies shall be sent to the consignee.

24.LOSS OR DAMAGE :

a)External damages, or shortages, if any, will be intimated to the SUPPLIER, within ONE MONTH from the date of receipt of the MATERIALS at Site.

b)Internal defects, damages or shortages of any integral parts, which cannot ordinarily be detected on a superficial visual examination, will be intimated within TWO MONTHS from the date of receipt of the MATERIALS at Site.

c)In either case, the defective or damaged items shall be replaced and the shortages shall be made good, by the SUPPLIER, free of cost, within a reasonable period, irrespective of settlement of Insurance Claims, if any.

25.NEGLIGENCE AND DEFAULT:

In case of negligence on the part of the Supplier, to execute this Order with due diligence & expedition and incompliance with any reasonable instructions given in writing either by this Office or by the Chief Engineer (Construction)/BTPS in connection with this Order, the Chief Engineer (Generation) may give 21 days' notice in writing to the Supplier, to make good the failure or neglect or contravention. If the Supplier fails to comply with the notice within the time considered to be reasonable by this Office, the Supplier may be black-listed or all business dealings with the Supplier will be suspended for specific period, apart from forfeiture of security, Performance bank guarantee etc.

26.ACKNOWLEDGEMENT:

Please acknowledge receipt of this order with your confirmation of its acceptance by you. The additional copy enclosed may please be returned with your signature in token of your acceptance, duly indicating your TIN Number.

27.CORRESPONDENCE:

a)All correspondence of General or Technical nature shall be addressed to this office.

b)All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Chief Engineer/ Construction /BTPS with copies to this office and Superintending Engineer/ E&M-II /Stage-I/ BTPS.

c)Copies of correspondence regarding payment shall also be marked to the Senior Accounts Officer (P&A) /TGGENCO/Vidyut Soudha/ Hyderabad-82.

d)The firm's correspondence address is as follows:
M/s BHEL,ROD, Secunderabad,
Qtr. Nos.33-36 Type-C
Corporate R&D Division ,
Vikas Nagar, Balanagar
Hyderabad-500042

28.RISK PURCHASE:

In the event of any delay in execution of ordered materials beyond the stipulated date of delivery, the corporation may resort to purchase the materials from elsewhere at the sole risk and cost of the supplier and recover all such extra expenditure incurred by the corporation in procuring the materials by above procedure.

29.FORCE MAJEURE:

a)The supplier shall not be liable for delay or failing to supply the materials/ equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes, Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.

b)The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify.

c)No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.

d)At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability

whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

30.JURISDICTION:
All or any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad & Secunderabad Cities only. No suit or other legal proceedings shall be instituted elsewhere.

Encl:
1)TGGENCO guidelines for submission of BGs.
2)Proforma for Bank Guarantees for SD & PBG.
3)Manufacturing Quality Planning (MQP).
4)Inspection call format (QMS-EI-QA-F5).
5)Technical Specification.

For & On behalf of TGGENCO

28/3

Chief Engineer (Generation.)

Document Dispatch Details:

Dispatch No: 565 Date : 28/3/2025 LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:
1.The Chief Engineer/Construction/BTPS, Manuguru, Bhadradri Kothagudem-507117.
2.The Chief Engineer/Quality Control/ ERP Shakthi Building/TGGENCO.
3.The Senior Accounts Officer (P&A), TGGENCO, Vidyut Soudha, Hyderabad-82.
4.The Senior Accounts Officer/Construction/BTPS, Manuguru, Bhadradri Kothagudem-507117.
5.The Divisional Engineer/Tech. to the Director (Thermal), TGGENCO, Vidyut Soudha, Hyderabad-82.
6.The Assistant Divisional Engineer/ Stores/ BTPS/ Manuguru-507117.*
* It is requested to pursue with the firm from your end till the material is received at stores.
7.M/s. BHEL,ROD, Qtr. Nos.C33 to C36,Type-C,BHEL Corporate R&D Division ,VikasNagar, Balanagar, Hyderabad-500042
8. M/s. BHEL,HEP Plant, Piplani,Bhopal, Madhya Pradesh-462022.

Annexure - 1

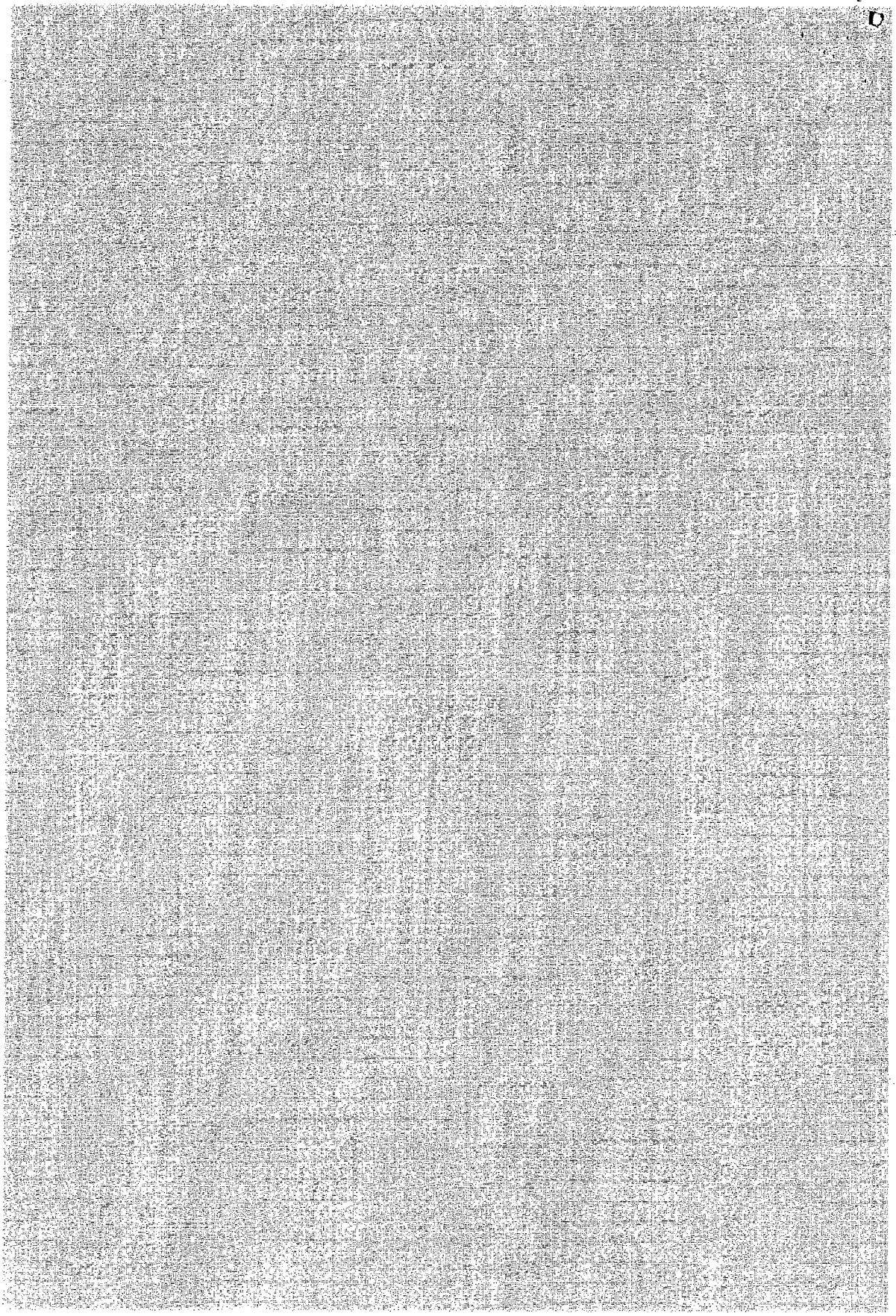
PO No: 4500036080 /CE/GEN / SE/GEN-III / EME VIII / D18 / 2024 - 25 / / DT:28.03.2025

Sub: TGGENCO- Generation- BTPS(4X270MW)- Stage-I- Unit-1 - Design, Manufacture & Supply of Generator Transformer (320MVA, 16.5/420KV) along with accessories and Transformer Oil to Bhadradri Thermal Power Station -Detailed Purchase Order -Issued - Regarding.

S.No	Material Code (HSN) / Description	UOM	Qty	Unit Price	Per	Total Values
1	100187093 (85042340)	NO	1	215000000.00 INR	1	215000000.00
	320 MVA, 16.5/420KV, YnD11, 3-Phase Generator Transformer including HV, HV Neutral and LV Bushings, OCTC Tap Changer, CCC Panel, connecting pipes, Radiator banks, conservator, cooling fans, pumps and all other necessary accessories and instruments, On Line DGA Monitoring system, Transformer Oil, Standard tools.					
				Total Amount :		**Rs. 215,000,000.00**

Total Amount in Words : Rupees Twentyone Crore Fifty Lakh Only

Chief Engineer (Generation)



By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of Telangana Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
Telangana
Phone :040-23840266 Fax:040-23849004
E Mail:cgmerp@tggenco.co.in
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s SUNSHINE TECHNOLOGIES
#404, KALANJALI CLASSIC
SCIENTIST COLONY, HABSIGUDA
SECUNDERABAD 500007, Telangana
Phone No:040-64440004

Vendor Code : 112556
GSTIN : 36ACKFS4315E1Z7
PAN No.: ACKFS4315E

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT. 13.06.2024

Sub: TGGENCO - IS&ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Detailed Purchase Order - Issued.

Ref : 1. Tender Specification No:17/23-24/GM(ERP)/TSGENCO, Dated:10.02.2024(Tender ID:496553).
2. Your offer submitted on e-Procurement platform.
3. Lr.No:CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ/D.No:142/24,Dt:10.05.2024.
4. Your lr.No.SST/TSGENCO/ERP/24-25,Dt.21.05.2024.

1 **ACCEPTANCE :**
I, acting for, on behalf of, and by the order and your direction of Telangana State Power Generation Corporation Limited (herein after called 'TGGENCO'), accept your offer vide ref(2), submitted against this office tender cited at ref(1), and subsequent correspondance at ref(3) & (4)cited, for Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants subject to the Terms & Conditions set out in this Order.

2 **SCOPE OF CONTRACT/ORDER :**
The scope of this contract covers Supply of subject material and services, as per the Annexure -1 & 2 of this Purchase Order.

3 **SCHEDULE OF MATERIALS & PRICES :**
As per the Annexure-1 enclosed.

PO Amount : Rs. 3,578,300.00
In words : Rupees Thirtyfive Lakh Seventyeight Thousand Three Hundred Only

4 **PRICE BASIS :**
The Prices accepted are on FOR destination to the consignee address. The Price shall remain firm and is not subject to variations on any grounds, till execution of the order.

5 **PACKING & FORWARDING CHARGES :**
The Prices are inclusive of Packing & Forwarding charges. The material shall be adequately & securely packed before despatch, to withstand rough handling during transport up to site and also to prevent damage, corrosion & entrance of foreign matter.

6 **FREIGHT :**
The prices accepted are inclusive of freight charges. Material shall be dispatched on freight paid basis.

7 **TRANSIT INSURANCE :**
The Supplier shall be fully responsible for the delivery of the material in good condition as per Annexure-1 & 2 to the Consignees and shall therefore ensure that the consignment(s) are duly insured to cover any risk in transport. Charges for providing transit insurance cover for the consignment(s) shall be to the Suppliers account only. The Supplier shall be solely responsible for settlement of insurance claims, if any, and for replacement of damaged material.

8 **CENTRAL SALES TAX /VAT/GST :**
The prices accepted are exclusive of GST applicable at the time of dispatch. The present applicable GST is 18%.

9 **VARIATION IN TAXES & DUTIES :**
Any variations, either upward or downward, in Goods and Services Taxes (GST) or any new introduction of Taxes/Duties/Levies etc, will be to TGGENCO's account, provided that the supplier adheres to the delivery period as indicated.

In case the Supplier fails to adhere to the stipulated delivery Schedule, up-ward variation in GST or new taxes/duties/levies etc., imposed, if any, beyond the agreed delivery period, shall be to the Supplier's account and if there is any downward variation in GST, the benefit shall be passed on to TGGENCO.

Any reduction in rate of tax on any supply of goods or services, the benefit of input tax credit shall be passed on to TSGENCO by way of commensurate reduction in prices vide section 171 of GST antiprofiteering measure.

10 **DELIVERY PERIOD :**
Delivery of the Material & Services as per Annexure-2 shall be made within 6 weeks from the date of receipt of the Purchase Order.

11 **GUARANTEE PERIOD :**
The supplied equipment, should have COMPREHENSIVE ON-SITE MAINTENANCE WARRANTY & SUPPORT, for a total period of One year from the date of Supply & Configuration of the equipment at respective locations as per Annexure-2. A certificate to this effect shall be submitted along with the Bills.

During this warranty period, the supplier shall be responsible for the following:

a. Repair/replacement of parts/components at free of cost.
b. In the event of the equipment failure, maintenance support shall be provided at site at the earliest.
c. In case of necessity of removal and sending any component/equipment to the manufacturers for repair /replacement, stand-by shall be provided within 72 hours so as to ensure uninterrupted use of the equipment.

After repairs/replacements if any, the material shall be delivered free of charge to the site and if the Supplier is not able to execute the same in time, TGGENCO may at its option, to do so at Supplier's risk and expenses and recover the full cost from the Supplier.

12 **TERMS OF PAYMENT :**
a) 100% payment will be made within 30 days after satisfactory completion of Supply of ordered material and on issue and acceptance of Performance Bank Guarantee as per Clause No.(11) & (14) of this order.

b) For making 100% payment, the following documents are to be submitted by the supplier to the respective consignees.

i) Invoice in Quadruplicate.
ii) Advance stamped receipt.
iii) Letter of Acceptance of Bank Guarantee submitted towards Performance Guarantee of the supplied material & services, issued by the Chief General Manager(IS&ERP), Room No.201, ERP Competency Centre,GTS Colony, Kalyan Nagar, Hyderabad-500045.

13 **SECURITY DEPOSIT :**
a) SECURITY DEPOSIT (SD), for 2.5% of the Order Value, i.e., for an amount of Rs.89,458/-(Rupees Eighty Nine Thousand Four Hundred and Fifty Eight Only), shall be submitted, within 7 days from the date of receipt of this Purchase Order,in the form of a DD/BC,drawn in favour of "Pay Officer,TSGENCO,Vidyut Soudha,

Hyderabad".

(b) Submission of Security Deposit is must for release of the payment. The SD will be refunded / returned, on application, after ensuring receipt of MATERIALS at site in good condition and Configuration of the MATERIALS in all respects and settlement of any/all pending claims.

14 PERFORMANCE BANK GUARANTEE :

Bank Guarantee for an amount equivalent to 10% of the total value of this Order, i.e., Rs.3,57,830/-(Rupees Three Lakhs Fifty Seven Thousand Eight Hundred and Thirty Only) shall be submitted to this Office, as security towards satisfactory performance of the material supplied, as per the requirements of this Order. The Performance Bank Guarantee shall be issued by any Scheduled Bank / Nationalized Bank on non-judicial stamp paper(s) of value Rs.100/-, in TGGENCO standard format as per Annexure-5 with validity for a period covering the guarantee period. Claim period shall be for an additional six months over and above the Validity Period.

Approval of Performance Bank Guarantee is essential for arranging payment. It is advised to submit the BG well in advance to enable us to get authenticity confirmation from the Banker and then accept/process bills. However, in the event of non-submission/non-approval of Performance Bank Guarantee, by the time the payment becomes due, an equivalent amount will be deducted from the bills, while arranging payment.

The Performance Bank Guarantee, or the amount deducted in lieu of the Performance Bank Guarantee, will be returned/refunded, on application, after expiry of the Guarantee Period, after ensuring settlement of any/ all claims.

15 PAYING OFFICER : :

The invoices shall be drawn in favour of Paying Officers of respective Stations as per Annexure-2.

16 CONSIGNEE : :

The material shall be consigned to the following:

1. The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/ Manuguru/Bhadradri Kothagudem for material.

2.The Assistant Divisional Engineer/Stores/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for material.

3.The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ TGGENCO/Palvancha/Bhadradri Kothagudem(Dist) for material.

4. The Assistant Divisional Engineer/Stores/KTPS-VII Stage/ TGGENCO/Palvancha/Bhadradri Kothagudem(Dist.) for material.

5. The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.

6.The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.

7.The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.

8. The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

17 LIQUIDATED DAMAGES :

The delivery schedule mentioned in this Purchase Order shall be deemed to be the essence of this contract. In case of delay in delivery of materials / Services whatever may be the reason, TGGENCO may at its option to demand and recover from the supplier an amount equivalent half percent (0.5%) of value of undelivered quantity for every week of delay, subject to a maximum of 5% of total contract value. Date of supply & configuration of material will be treated as date of delivery for penalty calculations.

This right of TGGENCO shall be without prejudice to its rights under the law including the right to cancel the contract, forfeit the deposits recover the damages for breach of contract.

18 LOSS OR DAMAGE :

External damages, or shortages, if any, will be intimated to the supplier, within one month from the date of receipt of the material at site. Internal defects, damages or shortages of any integral parts, which cannot

ordinarily be detected on a superficial visual examination, will be intimated within two months from the date of receipt of the materials at site. In either case, the defective or damaged items shall be replaced and the shortages shall be made good, by the Supplier, free of cost, within a reasonable period, irrespective of settlement of Insurance Claims, if any.

19 **FORCE MAJEURE :**

The Supplier shall not be liable for delay or failing to supply the materials/equipment for reasons of Force Majeure such as Act of God, Act of War,Act of Public Enemy,Naturalcalamites,Fires,Floods,Frosts, Strikes. Lockouts etc., Only those causes which have a duration of more than 7 days shall be considered for Force Majeure.

The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts to justify. No price variation shall be allowed during the period of Force Majeure and liquidated damages would not be levied for this period.

At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

20 **ACKNOWLEDGEMENT :**

Please acknowledge the receipt of this order with your confirmation of its acceptance, by you and additional copy enclosed may please be returned with your signature in token of your acceptance.

21 **CORRESPONDENCE :**

i. All general and technical correspondence should be addressed to Chief General Manager(IS & ERP), Room No.201,ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

ii. All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Consignee at clause(16). Copies shall also be submitted to this office.

iii. A copy of delivery challan/slip and Installation/Configuration reports should invariably be sent to this office for information and future reference.

22 **JURISDICTION. :**

All or any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad & Secunderabad Cities only. No suit or other legal proceedings shall be instituted elsewhere.

23 **CANCELLATION OF ORDER :**

The Corporation reserves the right to cancel the order in part or in full by giving two weeks notice thereof if:
- The supplier fails to comply with any of the terms of the order.
- The supplier becomes bankrupt or goes into liquidation.
- The supplier makes general assignment for the benefit of the creditors and
- Any Receiver is appointed for the property owned by the supplier.

Enclosures:
Annexure-01- Schedule of Materials & Prices.
Annexure-02- Plant wise Allocation Schedule.
Annexure-03- Detailed Technical Specifications.
Annexure-04- Location of cameras to be installed at BTPS,KTPP,KTPS-V&VI Stages and KTPS-VII Stage.
Annexure-05- Proforma for Performance Bank Guarantee.

For & On behalf of TGGENCO

13/4/14

Chief General Manager (IS&ERP)

(12/16)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S. AUTHORISED REPRESENTATIVE

Copy to:

The Chief Engineer(Construction)/BTPS(4x270MW)/TGGENCO/Manuguru.
The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The Chief Engineer/KTPS-VII stage/TGGENCO/Palvancha /Bhadradri Kothagudem District - 507115.
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad.
The Dy.CCA/BTPS/TGGENCO/Manuguru.
The DYCCA/KTPP/TSGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)
The Senior Accounts Officer/KTPS-VII Stage/TGGENCO/palvancha/Bhadradri Kothagudem District-507115.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad.
The Pay officer/TGGENCO/Vidyut Soudha/Hyderabad
The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/Manuguru.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/ Ghanpur(M)/Jayashankar Bhupalpally(D).
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ Palvancha/Bhadradri Kothagudem(D).
The Assistant Divisional Engineer/Stores/KTPS-VII stage/ Palvancha/Bhadradri Kothagudem Dist.
The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.
The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.
The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.
The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

Annexure - 1

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

Sub: TGGENCO - IS&ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Detailed Purchase Order - Issued.

S.No	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	200026016 (85258020) 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	NO	34	42000.00 INR	1	1428000.00
2	100183020 (85219090) 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	NO	3	23705.00 INR	1	71115.00
3	200026015 (84717020) SURVEILLANCE HARDDISK 10TB, SEAGATE	NO	12	13035.00 INR	1	156420.00
4	200026387 (8525) 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	NO	27	3450.00 INR	1	93150.00
5	200031573 (85235220) 256 GB SD Card, SANDISK	NO	21	1430.00 INR	1	30030.00
6	200006683 (854449) Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	M	1000	60.00 INR	1	60000.00
7	200028810 (854470) Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	NO	10	3457.00 INR	1	34570.00
8	100123872 (39259090) Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	NO	16	3950.00 INR	1	63200.00
9	200025946 (85176290) SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	NO	32	3155.00 INR	1	100960.00
10	100178302 (853610) Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	NO	10	300.00 INR	1	3000.00
11	100182856 (85219090) 8 CH NETWORK VIDEO RECORDER, HIKIVISION DS-778NI	NO	1	12640.00 INR	1	12640.00

(Detailed Technical Specifications as per Annexure-3)

12	200026026	(8525)	NO	1	5431.00	INR	1	5431.00

4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(998714)					
	1	EA	13.000	54,278.00	1	705,614.00
	TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)					
2	(998714)					
	1	EA	3.000	54,278.00	1	162,834.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)					
3	(998714)					
	1	EA	7.000	54,278.00	1	379,946.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)					
4	(998714)					
	1	EA	5.000	54,278.00	1	271,390.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)					

Total Amount : Rs. 3,578,300.00

Total Amount in Words : Rupees Thirtyfive Lakh Seventyeight Thousand Three Hundred Only

Chief General Manager (IS&ERP)

Annexure - 2

Plant wise Allocation Schedule

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	6.000	NO	KTPS (O&M)
2	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS (O&M)
3	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS (O&M)
4	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	3.000	NO	KTPS (O&M)
5	200031573 256 GB SD Card, SANDISK	6.000	NO	KTPS (O&M)
6				KTPS (O&M)
1	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)	5.000	EA	
7	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	9.000	NO	KTPS-V & VI
8	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS-V & VI
9	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS-V & VI
10	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	8.000	NO	KTPS-V & VI
11	200031573 256 GB SD Card, SANDISK	9.000	NO	KTPS-V & VI
12				KTPS-V & VI
1	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)	7.000	EA	
13	200026016	3.000	NO	KTPP(O&M)

Annexure - 2

Plant wise Allocation Schedule

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
	2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)			
14	100182856 8 CH NETWORK VIDEO RECORDER, HIKIVISION DS-778NI (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPP(O&M)
15	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	1.000	NO	KTPP(O&M)
16	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	KTPP(O&M)
17	200026026 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1.000	NO	KTPP(O&M)
18	1 TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	3.000	EA	KTPP(O&M)
19	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	16.000	NO	BTPS (O&M)
20	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	BTPS (O&M)
21	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	3.000	NO	BTPS (O&M)
22	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	16.000	NO	BTPS (O&M)
23	200031573 256 GB SD Card, SANDISK	6.000	NO	BTPS (O&M)
24	200006683 Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1,000.000	M	BTPS (O&M)
25	200028810 Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10.000	NO	BTPS (O&M)

Annexure - 2

Plant wise Allocation Schedule

PO No: 4500033813 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
26	100123872 Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16.000	NO	BTPS (O&M)
27	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	BTPS (O&M)
28	100178302 Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10.000	NO	BTPS (O&M)
29	1 TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	BTPS (O&M)

Chief General Manager (IS&ERP)

-44-

Annexure-3 to PO No:4500033813/Dt: .06.2024.
Detailed Technical Specifications

S.No	Description	Make & Model
A	**Material**	
1	**2 MP Full HD IP PTZ Camera with IT (Night Vision)** **STANDARD**: ONVIF PROFILE S Complaint; **Integration with existing online system:** Industry has to ensure integration with existing online monitoring system of the State Board/State Data centre. **Certification**: UL,CE/B1s, FCC and RoHS **FDGE STORE**: micro SD/ micro SDHC/micro SDZC slot supporting memory card for min 128GB (min CLASS 10 or higher card to be included). In the event of failure of connectivity to the network storage the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically merged with the network storage recording such that no manual intervention is required to transfer the SD card based recordings to network storage. The industry shall have feed storage capacity of atleast 3 months. **DATA CONNECTIVITY**: WIRE AND WIRELESS BOTH **IMAGE SENSOR**: 1/2.8" CMOS ORor better; **Resolution:** 2MP (min 1920 x 1080) at 25FPS or better **COMPRESSION**: H.264, H.265, MJPEG, MPEG4; **PROTOCOL**: IPV4/V6, TCP/IP,UDP, RTP, RTSP, RTCP,HTTP, HTTPS, SSL, ICMP,FTP,SMTP,DHCP,PPPOE, UPNP, IGMP, SNMP,V2CC/V3 CONJOUR, DNS, DDNS, QOS, NTP, NFS; **Auto Exposure**: Automatic Level Control/Electronic Level Control, **Operating Condition**: It shall be operable over the all ambient conditions of temp., wind speed, humidity, pressure etc., **PANNING RANGE AND SPEED**: 0 DEG TO 360 DEG.,0.2 deg/S - 160 deg/S; **TILTING RANGE AND SPEED**: 180 degree, 0.2 degree/S - 120 degree/S, **PRESETS**: 100 PRESETS OR HIGHER, **AUTO APD SUPPORT FOR RECORDING PLAY BACK**: YES	Hikvision, DS-2DE7A225IW-AEB (T5)

PO No: 4500033813

TELANGANA POWER GENERATION CORPORATION LIMITED

(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
TELANGANA
Phone :040-23840266/23722599 Fax:040-23849004
E Mail:cgmerp@tggenco.com
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)

To :
M/s SUNSHINE TECHNOLOGIES
#404, KALANJALI CLASSICSCIENTIST COLONY,
HABSIGUDA
SECUNDERABAD 500007, Telangana
Phone No:040-64440004

Vendor Code : 112556
GSTIN : 36ACKFS4315E1Z7

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

AMENDMENT No (1)

Sir / Madam

Sub : TGGENCO - IS & ERP - Supply, Configuration and Commissioning of IP based PTZ Cameras to display the live videos to TSPCB central server required for BTPS, KTPP, KTPS-V&VI Stages and KTPS-VII stage Plants - Amendment No.(1) - Issued.

Ref : 1 PO.No:4500033813/CGM(IS&ERP)/GM(ERP)/DE/P/N02/2024-25, Dt:13.06.2024.
2. M/s Sunshine Technologies, Hyderabad, letter ref:SST/TGGENCO/ 2028, Dt:17.06.2024.
3. M/s Prama Hikvision India Pvt. Ltd., Hyderabad, letter dt:17.06.2024.
4. Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ Cameras/D.No.310/24, Dt.02.07.2024.
5. M/s Sunshine Technologies, Hyderabad letter Dt.04.07.2024.
6. Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.PTZ Cameras/D.No.331/24, Dt.09.07.2024.
7. M/s Sunshine Technologies, Hyderabad mail Dt.11.07.2024.

With reference to the correspondence cited at ref(2) to (7), Ammendment-1 to the Purchase Order at ref(1) cited is issued as follows:

i. The item(11) in Annexure-1 of Purchase Order is deleted.

ii. The Material Description, Quantity, Unit Price and Amount of item(2) in Annexure-1 of the Purchase Prder is to be read as follows:
16 CH NETWORK VIDEO RECORDER(HIKVISION DS-7716NXI-K4) -04 Nos., - Rs.20,938.75 per unit - Amount Rs.83,755.00

iii. The Material Description of item(2), (8), (14) & (20) in Annexure-2 of the Purchase Order is to be read as follows:
16 CH NETWORK VIDEO RECORDER (HIKVISION DS-7716NXI-K4)

iv. The Technical Specifications at Annexure-3 of Purchase Order is revised and to be read as enclosed.

All other Clauses and Terms & Conditions of the Purchase Order remains unaltered.

Yours faithfully

Chief General Manager (IS&ERP)

The Chief Engineer(Construction)/BTPS(4x270MW)/TGGENCO/Manuguru.
The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The Chief Engineer/KTPS-VII stage/TGGENCO/Palvancha /Bhadradri Kothagudem District - 507115.
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad.
The Dy.CCA/BTPS/TGGENCO/Manuguru.
The DYCCA/KTPP/TSGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)
The Senior Accounts Officer/KTPS-VII Stage/TGGENCO/palvancha/Bhadradri Kothagudem District-507115.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad.
The Pay officer/TGGENCO/Vidyut Soudha/Hyderabad
The Assistant Divisional Engineer/Stores/BTPS/TGGENCO/Manuguru.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/ Ghanpur(M)/Jayashankar Bhupalpally(D).
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/ Palvancha/Bhadradri Kothagudem(D).
The Assistant Divisional Engineer/Stores/KTPS-VII stage/ Palvancha/Bhadradri Kothagudem Dist.
The Assistant Divisional Engineer/IT/BTPS/TGGENCO/Manuguru/ Bhadradri Kothagudem for Services.
The Assistant Divisional Engineer/IT/KTPP(O&M)/Jayashanker Bhoopalpally District-506168 for Services.
The Assistant Divisional Engineer/IT/KTPS-V&VI Stages/TGGENCO/ Palvancha/Bhadradri Kothagudem(Dist) for Services.
The Assistant Divisional Engineer/IT/KTPS-VII Stage/TGGENCO/ Palvancha/ Bhadradri Kothagudem(Dist.) for Services.

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Annexure - 1

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

S.No.	Material Code (HSN) Description	Qty	UOM	Unit Price	Per	Total Value
1	**200026016** (85258020) 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	34	NO	42000.00 INR	1	1428000.00
2	**100183020** (85219090) 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	4	NO	20938.75 INR	1	83755.00
3	**200026015** (84717020) SURVEILLANCE HARDDISK 10TB, SEAGATE	12	NO	13035.00 INR	1	156420.00
4	**200026387** (8525) 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	27	NO	3450.00 INR	1	93150.00
5	**200031573** (85235220) 256 GB SD Card, SANDISK	21	NO	1430.00 INR	1	30030.00
6	**200006683** (854449) Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1000	M	60.00 INR	1	60000.00
7	**200028810** (854470) Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10	NO	3457.00 INR	1	34570.00
8	**100123872** (39259090) Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16	NO	3950.00 INR	1	63200.00
9	**200025946** (85176290) SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	32	NO	3155.00 INR	1	100960.00
10	**100178302** (853610) Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10	NO	300.00 INR	1	3000.00
11	**200026026** (8525) 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1	NO	5431.00 INR	1	5431.00

S.No.	Service Code (SAC) Description	Qty	UOM	Unit Price	Per	Total Value
1	(998714)					
1		13.000	EA	54,278.00	1	705,614.00
	TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)					
2	(998714)					
1		3.000	EA	54,278.00	1	162,834.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)					
3	(998714)					
1		7.000	EA	54,278.00	1	379,946.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages.					

	(Detailed Scope of work as per Annexure-3)					
4	(998714)					
1		5.000	EA	54,278.00	1	271,390.00
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)					

Total Amount **:Rs. 3,578,300.00**

Total Amount in Words : RUPEES THIRTYFIVE LAKH SEVENTYEIGHT THOUSAND THREE HUNDRED ONLY

Chief General Manager (IS&ERP)

Annexure - 2

Delivery Schedule

Amendment-1, Dt:18.07.2024 to PO No:4500033813, Dt:13.06.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1				KTPS (O&M)
1		5.000	EA	
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-VII Stage. (Detailed Scope of work as per Annexure-3)			
2	200031573 256 GB SD Card, SANDISK	6.000	NO	KTPS (O&M)
3	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	3.000	NO	KTPS (O&M)
4	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS (O&M)
5	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS (O&M)
6	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	6.000	NO	KTPS (O&M)
7				KTPS-V & VI
1		7.000	EA	
	TSPCB server connectivity charges for cameras with 1 year AMC for KTPS-V&VI Stages. (Detailed Scope of work as per Annexure-3)			
8	200031573 256 GB SD Card, SANDISK	9.000	NO	KTPS-V & VI
9	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P	8.000	NO	KTPS-V & VI
10	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	4.000	NO	KTPS-V & VI
11	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPS-V & VI
12	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	9.000	NO	KTPS-V & VI
13	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	KTPP(O&M)

S No.	Mat. Code//Description	Qty	UOM	Station Name
14	200026026 4U WALL MOUNTED RACK WITH PDU 6 SOCKET POWER STRIP, 1 TRAY & 1 FAN-COMBO	1.000	NO	KTPP(O&M)
15	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	1.000	NO	KTPP(O&M)
16	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	3.000	NO	KTPP(O&M)
17 1	 TSPCB server connectivity charges for cameras with 1 year AMC for KTPP. (Detailed Scope of work as per Annexure-3)	3.000	EA	KTPP(O&M)
18	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	KTPP(O&M)
19	100178302 Single Pole 2 Amp MCB; Type-C, Anchor/Legrand	10.000	NO	BTPS (O&M)
20	200025946 SINGLE MODE MEDIA CONVERTER, NETFOX/D-LINK	16.000	NO	BTPS (O&M)
21	100123872 Industrial and outdoor use FRP Enclosure/Junction Boxes; IP65,Dimensions:440hX440WX155d mm; with mounting plate and lugs	16.000	NO	BTPS (O&M)
22	200028810 Fully Loaded compact 8-port fiber optic Patch Panel with splice tray (with 8 Nos. SM Pigtails, Fibre adapters), D-LINK	10.000	NO	BTPS (O&M)
23	200006683 Unarmoured Power Cable 2 core X 1.5 Sq.mm Copper	1,000.000	M	BTPS (O&M)
24	200031573 256 GB SD Card, SANDISK	6.000	NO	BTPS (O&M)
25	200026387 5-port Gigabit Desktop Switch with 4-port PoE+TL-SG1005P, TP-Link/D-Link/HIKVISION	16.000	NO	BTPS (O&M)
26	200026015 SURVEILLANCE HARDDISK 10TB, SEAGATE	3.000	NO	BTPS (O&M)
27 1	 TSPCB server connectivity charges for cameras with 1 year AMC for BTPS. (Detailed Scope of work as per Annexure-3)	13.000	EA	BTPS (O&M)

S No.	Mat. Code//Description	Qty	UOM	Station Name
28	100183020 16 CH NETWORK VIDEO RECORDER, HIKIVISION DS-7716NXI-K4 (Detailed Technical Specifications as per Annexure-3)	1.000	NO	BTPS (O&M)
29	200026016 2MP, FHD, IP BASED PTZ CAMERAS HIKVISION DS-2DE7A225IW-AEB (T5) (Detailed Technical Specifications as per Annexure-3)	16.000	NO	BTPS (O&M)

Chief General Manager (IS&ERP)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
Telangana
Phone :040-23840266 Fax:040-23849004
E Mail:cgmerp@tggenco.com
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s SELFY TECHNOLOGIES
D.NO.42-663,SHIVA NAGAR,
ALWYN COLONY,KUKATPALLY,
HYDERABAD 500072, Telangana
Phone No:9000081705

Vendor Code : 114564
GSTIN : 36AQAPB0881C2ZG
PAN No.: AQAPB0881C

PO No: 4500034607 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT. 08.10.2024

Sub: TGGENCO - IS&ERP - Supply of Surveillance Cameras required for KTPS-V&VI Stage, RTS-B and KTPS-VII Stage - Detailed Purchase Order - Issued.

Ref : 1.Enquiry No.07/24/GM(ERP)/DE(P)/F.Hikvision Cameras/D.No.31/24, Dt:22.08.2024.
2. Your quotation ref No.ST/HYD/187/24-25, Dt:29.08.2024.
3.Lr.No.CGM(IS&ERP)/GM(ERP)/DE(P)/F.Cameras/D.No.563/24, Dt:23.09.2024.
4.Your letter dt:27.09.2024

1 **ACCEPTANCE :**
I, acting for, on behalf of, and by the order and direction of Telangana Power Generation Corporation Limited (hereinafter called 'TGGENCO'), accept your negotiated prices offered vide ref. (2) & (4) cited, against this office enquiry cited at ref(1) and subsequent correspondance cited above, for supply of Surveillance Cameras required for KTPS-V&VI Stage, RTS-B and KTPS-VII Stage, subject to the Terms & Conditions set out in this Order.

2 **SCOPE OF CONTRACT/ORDER :**
The scope of this contract covers supply of subject material , as per the Annexure -1 & 2 of this Purchase Order.

3 **SCHEDULE OF MATERIALS & PRICES :**
As per the Annexure-1 & 2 enclosed.

PO Amount : Rs. 996,750.00
In words : RUPEES NINE LAKH NINETYSIX THOUSAND SEVEN HUNDRED FIFTY ONLY

4 **PRICE BASIS :**
The Prices accepted are on FOR destination to the consignee address. The Price shall remain firm and is not subject to variations on any grounds, till execution of the order.

5 **PACKING & FORWARDING CHARGES :**
The Prices are inclusive of Packing & Forwarding charges. The material shall be adequately & securely packed before despatch, to withstand rough handling during transport up to site and also to prevent damage, corrosion & entrance of foreign matter.

6 **FREIGHT :**
The prices accepted are inclusive of freight charges. Material shall be dispatched on freight paid basis.

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Annexure - 2

Plant wise Allocation Schedule

PO No: 4500034607 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.08.10.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1	200025844 Hikvision :DS-2CD3046G2-IS, 4MP, Surveillance Network IR Bullet Cameras, upto 40 Mtrs IR range, High quality imaging, Support H265+ compression technology, 4mm lense, 12V DC.	12.000	NO	KTPS (O&M)
2	200026016 Hikvision DS-2DE4225IW-DE, 2MP, Surveillance IP Camera, IR 100 Meters, Night Vision, ONVIF, PTZ, 360 degree rotation, ZOOM 25X, Outdoor Water Proof and 12V and 2Amps DC along with compatible adaptors, mounting accessories and compatible to work with Honeywell HUS NVR 7128 and iVMS-software	26.000	NO	KTPS-V & VI
3	100148830 Hikvision DS-2CD3T41G2-IUF, 4MP, Surveillance Network IR Bullet Cameras, IR 50 Mtrs range, Night Vision	7.000	NO	RTS-B

Chief General Manager (IS&ERP)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(Govt. of Telangana State Undertaking)
(formerly Telangana State Power Generation Corporation Limited)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tggenco.com

From :
Chief General Manager (IS&ERP)
Room No.201, ERP Competency Center,TGGENCO,
GTS Colony, Kalyan Nagar,-500045
Hyderabad
Telangana
Phone :040-23840266 Fax:040-23849004
E Mail:cgmerp@tggenco.com
GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070

To :
M/s UNITED SYSTEMS & NETWORKS
8-3-166/C/3,BEHIND GOKUL THEATRE
ERRAGADDA
HYDERABAD 500018, Telangana
Phone No:04065575940

Vendor Code : 104107
GSTIN : 36ABZPV1181F1Z2
PAN No.: ABZPV1181F

PO No: 4500035036 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT. 23.11.2024

Sub: TGGENCO - IS&ERP - Supply of 38 Nos., LED Monitors required for KTPP, KTPS-V&VI Stages and Vidyut Soudha - Purchase Order - Issued.

Ref : 1. Tender Specification No:04/24-25/GM(ERP)/TGGENCO,Dated:04.10.2024(Tender ID:549318).
2. Your offer submitted on e-Procurement platform.

1 **ACCEPTANCE :**
I, acting for, on behalf of, and by the order and direction of Telangana Power Generation Corporation Limited (hereinafter called 'TGGENCO'), accept your prices offered vide ref(2), against this office tender cited at ref(1), for Supply of 38 Nos., LED Monitors required for KTPP, KTPS-V&VI Stages and Vidyut Soudha, subject to the Terms & Conditions set out in this Order.

2 **SCOPE OF CONTRACT/ORDER :**
The scope of this contract covers Supply of subject material as per the Annexure -1 & 2 of this Purchase Order.

3 **SCHEDULE OF MATERIALS & PRICES :**
As per the Annexure-1 enclosed.

PO Amount : Rs. 169,290.00
In words : RUPEES ONE LAKH SIXTYNINE THOUSAND TWO HUNDRED NINETY ONLY

4 **PRICE BASIS :**
The Prices accepted are on F.O.R Destination basis to the consignee address. The Price shall remain firm and is not subject to variations on any grounds, till execution of the order.

5 **PACKING & FORWARDING CHARGES :**
The Prices are inclusive of Packing & Forwarding charges. The material shall be adequately & securely packed before dispatch, to withstand rough handling during transport up to site and also to prevent damage, corrosion & entrance of foreign matter.

6 **FREIGHT :**
The prices accepted are inclusive of freight charges. Material shall be dispatched on freight paid basis.

7 TRANSIT INSURANCE :

The Supplier shall be fully responsible for the delivery of the material in good condition as per Annexure-1 & 2 to the Consignee and shall therefore ensure that the consignment(s) are duly insured to cover any risk in transport. Charges for providing transit insurance cover for the consignment(s) shall be to the Suppliers account only. The Supplier shall be solely responsible for settlement of insurance claims, if any, and for replacement of damaged material.

8 CENTRAL SALES TAX /VAT/GST :

The price accepted at Annexure-1 is exclusive of GST applicable at the time of dispatch. The present applicable GST is 18%.

9 VARIATION IN TAXES & DUTIES :

Any variations, either upward or downward, in Goods and Services Taxes (GST) or any new introduction of Taxes/Duties/Levies etc, will be to TGGENCO's account, provided that the supplier adheres to the delivery period as indicated.

In case the Supplier fails to adhere to the stipulated delivery Schedule, up-ward variation in GST or new taxes/duties/levies etc., imposed, if any, beyond the agreed delivery period, shall be to the Supplier's account and if there is any downward variation in GST, the benefit shall be passed on to TGGENCO.

Any reduction in rate of tax on any supply of goods or services, the benefit of input tax credit shall be passed on to TSGENCO by way of commensurate reduction in prices vide section 171 of GST antiprofiteering measure.

10 DELIVERY PERIOD :

Delivery of the material as per Annexure-1 shall be made within 4-6 weeks from the date of receipt of the Purchase Order.

11 GUARANTEE PERIOD :

The supplied equipment, should have COMPREHENSIVE ON-SITE MAINTENANCE WARRANTY & SUPPORT, for a total period of THREE years from the date of Supply of the equipment at respective locations as per Annexure-2. A certificate to this effect shall be submitted along with the Bills.

During this warranty period, the supplier shall be responsible for the following:

a. Repair/replacement of parts/components at free of cost.
b. In the event of the equipment failure, maintenance support shall be provided at site at the earliest.
c. In case of necessity of removal and sending any component/equipment to the manufacturers for repair /replacement, stand-by shall be provided within 72 hours so as to ensure uninterrupted use of the equipment.

After repairs/replacements if any, the material shall be delivered free of charge to the site and if the Supplier is not able to execute the same in time, TGGENCO may at its option, to do so at Supplier's risk and expenses and recover the full cost from the Supplier.

12 TERMS OF PAYMENT :

a) 100% payment will be made within 30 days after satisfactory completion of Supply of ordered material at respective locations as per Annexure-02 and on issue and acceptance of Performance Bank Guarantee as per Clause No.(11) & (14) of this order.

b) For making 100% payment, the following documents are to be submitted by the supplier to the respective consignees.

i) Invoice in Quadruplicate.
ii) Letter of Acceptance of Bank Guarantee submitted towards Performance Guarantee of the supplied material, issued by the Chief General Manager(IS&ERP), Room No.201, ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

13 SECURITY DEPOSIT :

a) SECURITY DEPOSIT (SD), for 2.5% of the Order Value, i.e., for an amount of Rs.4,232/-(Rupees Four Thousand Two Hundred and Thirty Two Only), shall be submitted, within 7 days from the date of receipt of this Purchase Order, in the form of a DD/BC, drawn in favour of " Pay Officer, TGGENCO, Vidyut Soudha, Hyderabad".

(b) Submission of Security Deposit is must for release of the payment. The SD will be refunded / returned, on application, after ensuring receipt of MATERIALS at site in good condition and Configuration of the MATERIALS in all respects and settlement of any/all pending claims.

14 PERFORMANCE BANK GUARANTEE :

Bank Guarantee for an amount equivalent to 10% of the total value of this Order, i.e., Rs.16,929/-(Rupees Sixteen Thousand Nine Hundred and Twenty Nine Only) shall be submitted to this Office, as security towards satisfactory performance of the material supplied, as per the requirements of this Order. The Performance Bank Guarantee shall be issued by any Nationalized / Scheduled bank on non-judicial stamp paper(s) of value Rs.100/-, in TGGENCO standard format as per Annexure-3 with validity for a period covering the guarantee period. Claim period shall be for an additional six months over and above the Validity Period.

Approval of Performance Bank Guarantee is essential for arranging payment. It is advised to submit the BG well in advance to enable us to get authenticity confirmation from the Banker and then accept/process bills.

The Performance Bank Guarantee will be returned on application, after expiry of the Guarantee Period, after ensuring settlement of any/all claims.

15 PAYING OFFICER : :

The invoices shall be drawn in favour of Paying Officers of respective Stations as per Annexure-2.

16 CONSIGNEE : :

The material shall be consigned to the following:

1. The Assistant Divisional Engineer/Stores/KTPP(O&M)/Jayashanker Bhoopalpally District-506168.

2.The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(Dist).

3. The Assistant Divisional Engineer/Computers & Maintenance/TGGENCO/Room No.238/A-Block/Vidyut Soudha/Hyderabad-500082.

17 LIQUIDATED DAMAGES :

The delivery schedule mentioned in this Purchase Order shall be deemed to be the essence of this contract. In case of delay in delivery of materials whatever may be the reason, TGGENCO may at its option to demand and recover from the supplier an amount equivalent half percent (0.5%) of value of undelivered quantity for every week of delay, subject to a maximum of 5% of total value of this purchase order. Date of despatch of material will be treated as date of delivery for penalty calculations.

This right of TGGENCO shall be without prejudice to its rights under the law including the right to cancel the contract, forfeit the deposits recover the damages for breach of contract.

18 LOSS OR DAMAGE :

External damages, or shortages, if any, will be intimated to the supplier, within one month from the date of receipt of the material at site. Internal defects, damages or shortages of any integral parts, which cannot ordinarily be detected on a superficial visual examination, will be intimated within two months from the date of receipt of the materials at site. In either case, the defective or damaged items shall be replaced and the shortages shall be made good, by the Supplier, free of cost, within a reasonable period, irrespective of settlement of Insurance Claims, if any.

19 FORCE MAJEURE :

The Supplier shall not be liable for delay or failing to supply the materials/equipment for reasons of Force Majeure such as Act of God, Act of War,Act of Public Enemy,Naturalcalamites,Fires,Floods,Frosts, Strikes. Lockouts etc., Only those causes which have a duration of more than 7 days shall be considered for Force Majeure.

The vendors shall within 10 days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts to justify. No price variation shall be allowed during the period of Force Majeure and liquidated damages would not be levied for this period.

At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

20 **ACKNOWLEDGEMENT :**
Please acknowledge the receipt of this order with your confirmation of its acceptance, by you and additional copy enclosed may please be returned with your signature in token of your acceptance.

21 **CORRESPONDENCE :**
i. All general and technical correspondence should be addressed to Chief General Manager(IS & ERP), Room No.201, ERP Competency Centre, GTS Colony, Kalyan Nagar, Hyderabad-500045.

ii. All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Consignee at clause(16). Copies shall also be submitted to this office.

iii. A copy of delivery challan/slip and Installation/Configuration reports should invariably be sent to this office for information and future reference.

22 **JURISDICTION. :**
All or any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad & Secunderabad Cities only. No suit or other legal proceedings shall be instituted elsewhere.

23 **CANCELLATION OF ORDER :**
The Corporation reserves the right to cancel the order in part or in full by giving two weeks notice thereof if:
- The supplier fails to comply with any of the terms of the order.
- The supplier becomes bankrupt or goes into liquidation.
- The supplier makes general assignment for the benefit of the creditors and
- Any Receiver is appointed for the property owned by the supplier.

Enclosures:
Annexure-01- Schedule of Materials & Prices.
Annexure-02- Plant wise Allocation Schedule.
Annexure-03- Proforma for Performance Bank Guarantee.

For & On behalf of TGGENCO

Chief General Manager (IS&ERP)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:
The Chief Engineer/KTPP(O&M)/TGGENCO/Chelpur(V),Ghanpur(M),Jayashanker Bhupalapally Dist - 506168.
The Chief Engineer/KTPS-V&VI Stages/TGGENCO/Paloncha/Bhadradri Kothagudam District -507115
The General Manager/ERP/TGGENCO/Vidyut Soudha/Hyderabad - 500045.
The DYCCA/KTPP/TGGENCO/Chelpur/Jaya Shanker Bhoopalapally (Dist).
The DYCCA/KTPS-V&VI Stages/TGGENCO/Palvancha/Bhadradri Kothagudem(D)

The Dy.CCA (PAT)/TGGENCO/Vidyut Soduha/Hyderabad - 500082.
The Senior Accounts officer/P&A/TGGENCO/Vidyut Soudha/Hyderabad-500082
The Pay Officer/TGGENCO/Vidyut Soudha/Hyderabad - 500082.
The Assistant Divisional Engineer/Stores/KTPP(O&M)/Chelpur(V)/Ghanpur(M)/Jayashankar Bhupalpally(D) - 506168.
The Assistant Divisional Engineer/Stores/KTPS-V&VI Stages/Palvancha/ Bhadradri Kothagudem(D)- 507115.
The Assistant Divisional Engineer/Computers & Maintenance/TGGENCO/ Vidyut Soudha/Hyderabad - 500082.

Annexure - 1

PO No: 4500035036 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.23.11.2024

Sub: TGGENCO - IS&ERP - Supply of 38 Nos., LED Monitors required for KTPP, KTPS-V&VI Stages and Vidyut Soudha - Purchase Order - Issued.

S.No.	Material Code (HSN) Description		UOM	Qty	Unit Price	Per	Total Value
1	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	(85285200)	NO	38	4455.00 INR	1	169290.00

Total Amount : Rs. 169,290.00

Total Amount in Words : RUPEES ONE LAKH SIXTYNINE THOUSAND TWO HUNDRED NINETY ONLY

Chief General Manager (IS&ERP)

-457-

Annexure - 2

Plant wise Allocation Schedule

PO No: 4500035036 CGM(IS&ERP) / GM(ERP) / DE(P) / N02 / 2024 - 25 / / DT.23.11.2024

S No.	Mat. Code//Description	Qty	UOM	Station Name
1	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	10.000	NO	KTPS-V & VI
2	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	25.000	NO	KTPP(O&M)
3	300000345 Acer make K202Q LED Monitor Display Size: 19.5" Resolution 1600 x 900 Input Ports: HDMI,VGA Accessories: HDMI cable, Power cord	3.000	NO	TGENCO Corporate Office

Chief General Manager (IS&ERP)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

GSTIN .: 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
39,SD ROAD,EKTARA BUILDING
POWER SECTOR-SPARES &, SERVICES BUSINESS GROUP(SR)
SECUNDERABAD 500003, Telangana
Phone No:040-27701259
Fax No:040-27710280

Vendor Code : 104443
GSTIN : 36AAACB4146P1ZG

PO No: 4900029841 CE/GEN / SE/GEN-II / EME II / D07 / 2019 - 20 / / DT. 30.11.2019

Sub:TSGENCO-KTPS-V Stg -Renovation & Modernization of I&C system - Unit 9 & 10 - Replacement of existing Procontrols DCS, ISKAMATIC, MMI system with Valmet DNA (DDCMIS) system, replacement of SWAS with the latest systems, Up gradation of controls system for Ash handling plant, DM plant, Clarifier, Chlorination plant water system, CW Pump house, compressor house and field instruments # Billing Break up of M/s. BHEL, PSSR, Secunderabad towards Services i.e. Dismanttling, Erection, Testing & Commissioning -Approval- communicated#Reg.

Ref: 1.Contract No 30000000021/CE/GEN/ SE/GEN-I/EME-II/ D07/D.No.112/19 Dt: 30.03.2019.
2. Your email Dt:04.10.2019.
3. Your email Dt:13.11.2019.

* * * * *

The Billing Break up pertaining to M/s. BHEL, PSSR, Secunderabad towards Services i.e. Dismantling, Erection, Testing & Commissioning vide email cited at ref.(2) has been reviewed and approved as per Annexure-I enclosed subject to the terms and conditions mentioned hereunder:

Special Instructions:

1).Price Basis:
Prices are firm as per the contract. The prices mentioned in the Annexure-I are exclusive of Taxes & duties and the abstract is as below:

	Basic Price
Unit-9	: Rs. 3,50,55,000.00
Unit-10	: Rs. 3,50,55,000.00
Common for both units	: Rs. 77,90,000.00
Total:	Rs. 7,79,00,000.00

2).Payment shall be made as per the payment terms of the Contract Order.

3). Common works of Unit-9 & 10 shall be completed prior to the issuing of Final Acceptance Certificate of Unit-9/ Unit-10 whichever is **later**.

4).The Taxes and duties shall be paid as per the Contract Order.

5). The detailed BBU is issued subject to the terms & conditions as mentioned in the Contract Order 1st cited.

6). Any works/ items not mentioned in BBU and are required as per technical specification/ the scope defined in the contract shall be executed/supplied without any cost implication to TSGENCO .

7). The contractor shall execute all connected activities whether mentioned or not above but are required for completion of system in full shape.

8). Billing beak up does not absolve the responsibility of the M/s.BHEL towards Dismanttling, Erection, Testing & Commissioning as per the Purchase Order.

9). M/s BHEL shall incorporate contract No.3000000021 ,SAP release Purchase Order No.4900029841, Service BBU No in the BHEL invoices.

Encl: Annexure-I.

Yours faithfully,

CHIEF ENGINEER
GENERATION

Copy to:
CHIEF ENGINEER/O&M/KTPS-V & VI Stages/PALONCHA-507115/ BHADRADRIKOTHAGUDEM (Dist).
CHIEF ENGINEER/COAL & COMMERCIAL/TSGENCO/VIDYUR SOUDHA/HYDERABAD
SE/T to CMD/TSGENCO/VIDYUT SOUDHA/HYDERABAD-82
SUPERINTENDING ENGINEER/O&M/KTPS-V/PALONCHA-507115/ BHADRADRIKOTHAGUDEM (Dist).
SUPERINTENDING ENGINEER/GENERATION-II/TSGENCO/VIDYUT SOUDHA/ HYDERABAD-500082.
SAO/O&M/ KTPS-V&VI/PALONCHA-507115/ BHADRADRIKOTHAGUDEM (Dist).
SAO/P&A/TSGENCO/VIDYUT SOUDHA/HYDERABAD-500082.
DIVISIONAL ENGINEER/I&C/KTPS-V/PALONCHA-507115/ BHADRADRIKOTHAGUDEM (Dist).
DE/T TO THE DIRECTOR(THERMAL) /TSGENCO/VIDYUT SOUDHA/HYD-500082.
M/s BHEL, Commercial Dept, SAS, PSSR, EKATARA BUILDING. SD ROAD, SECUNDERABAD.
M/s BHEL, R&M division, II floor, KRIBHCO BHAVAN,A 8-10, Sector-1, Noida-201301.

Annexure - 1

PO No: 4900029841 CE/GEN / SE/GEN-II / EME II / D07 / 2019 - 20 / / DT.30.11.2019

Contract No: 3000000021 Item No: 20

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
10	10% of CV after site establishmentworks (998717)					
	10% of CV after site establishment/mobilisation.					
10.1	10% of CV	PSSR/SAS/SK 01118	1.000	LS	7,790,000.00	7,790,000.00

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
20	20% of value for Dismantling of U9 (998717)					
	20% value for Dismatling activities of Unit-9. (i). Dismantling of existing TG,SG, Stn C&I etc panels. (ii). Dismantling of the existing field equipments/ instruments.					
20.1	TG,SG, Stn C&I panels	PSSR/SAS/SK 01118	1.000	LOT	5,608,800.00	5,608,800.00
20.2	Field equipments / instruments.	PSSR/SAS/SK 01118	1.000	LOT	1,402,200.00	1,402,200.00

Contract No: 3000000021 Item No: 50

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
30	20% of value for Dismantling of U10 (998717)					
	20% value for Dismatling activities of Unit-10. (i). Dismantling of existing TG,SG, Stn C&I etc panels. (ii). Dismantling of the existing field equipments/ instruments.					
30.1	TG,SG, Stn C&I panels	PSSR/SAS/SK 01118	1.000	LOT	5,608,800.00	5,608,800.00
30.2	Field equipments / instruments.	PSSR/SAS/SK 01118	1.000	LOT	1,402,200.00	1,402,200.00

Contract No: 3000000021 Item No: 70

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
40	20% of value for Dismantling of comm (998717)					
	20% value for Dismantling of existing AHP, DM plant, Clarifier, Chlorination plant water system, SWAS system, CW Pump house etc panels along with Fire Fighting System.					
40.1	Dismantling activities for common	PSSR/SAS/SK 01118	1.000	LOT	1,558,000.00	1,558,000.00

Contract No: 3000000021 Item No: 20

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
50	60% of value on completion of E,T &C- U9 (998717)					
	60% of valve for Erection, testing & Commissioning activities of Unit-9 1. Erection of newly supplied TG,SG, Stn C&I panels along with Cable laying and Field instrumentation,TSI .etc panels. 2. Testing & Commissioning of Valmet DNA (DDCMIS) system after completion of Erection activities. 3. Handing over of all the dismantled material to KTPS stores.					
50.1	Erection of TG,SG, Stn C&I panels	PSSR/SAS/SK 01118	1.000	LS	18,929,700.00	18,929,700.00
50.2	Testing & Commissioning of Valmet DNA	PSSR/SAS/SK 01118	1.000	LS	1,051,650.00	1,051,650.00
50.3	Handing over of all the dismantled	PSSR/SAS/SK 01118	1.000	LS	1,051,650.00	1,051,650.00

Contract No: 3000000021 Item No: 50

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
60	60% of value on completion of E, &C- U10 (998717)					
	60% of valve for Erection, testing & Commissioning activities of Unit-10 1. Erection of newly supplied TG,SG, Stn C&I panels along with Cable laying and Field instrumentation,TSI .etc panels. 2. Testing & Commissioning of Valmet DNA (DDCMIS) system after completion of Erection activities. 3. Handing over of all the dismantled material to KTPS stores.					
60.1	Erection of newly supplied TG,SG, Stn C&	PSSR/SAS/SK 01118	1.000	LOT	18,929,700.00	18,929,700.00
60.2	Testing & Commissioning of Valmet DNA (D	PSSR/SAS/SK 01118	1.000	LS	1,051,650.00	1,051,650.00
60.3	Handing over of all the dismantled mater	PSSR/SAS/SK 01118	1.000	LS	1,051,650.00	1,051,650.00

Contract No: 3000000021 Item No: 70

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
70	60% of value on compltn of E,T &C-Common (998717)					
	60% of value for Erection, Testing & Commissioning activities of Common. 1. Erection of newly supplied AHP, DM plant, Clarifier, Chlorination plant water system, SWAS system, CW Pump house etc panels for both units-9 & 10. 2. Testing & Commissioning of newly supplied AHP, DM plant, Clarifier, Chlorination plant water system, SWAS system CW Pump house etc panels after completion of Erection activities for both unit-9&10. 3. Erection & Commissioning of Fire Fighting System for both units-9&10.					
70.1	Erection of newly supplied AHP, DM plant	PSSR/SAS/SK 01118	1.000	LOT	3,972,900.00	3,972,900.00

70.2	Testing & Commissioning of newly supplie	PSSR/SAS/SK 01118	1.000	LOT	560,880.00	560,880.00
70.3	Erection & Commissioning of Fire Fightin	PSSR/SAS/SK 01118	1.000	LOT	140,220.00	140,220.00

Contract No: 3000000021 Item No: 20

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
80	Balan 10% after final acceptance of U9 (998717)					
	Balance 10% after issuance of Final acceptance certificate by TSGENCO of Unit-9.					
80.1	Balance 10%	PSSR/SAS/SK 01118	1.000	LS	3,895,000.00	3,895,000.00

Contract No: 3000000021 Item No: 50

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
90	Balan 10% after final acceptance of U10 (998717)					
	Balance 10% after issuance of Final acceptance certificate by TSGENCO of Unit-10.					
90.1	Balance 10%	PSSR/SAS/SK 01118	1.000	LS	3,895,000.00	3,895,000.00

Total Amount : Rs. 77,900,000.00

Total Amount in Words : RUPEES SEVEN CRORE SEVENTYNINE LAKH ONLY

Chief Engineer (Generation)

By Regd. Post With Ack

In Duplicate

TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of TS Undertaking)
TSGENCO CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
The Chief Engineer/ Civil
Thermal,
TSGENCO, A-Block,
Vidyut Soudha, Hyderabad-082

To :
M/s NARESH CONSTRUCTIONS
H.NO.2-220, JAGGARAM, ASWAPURAM,

BHADRADRI KOTHAGUDEM 507116, Telangana

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q
CIN No. : U40102TG2014SGC094070
Indenting Plant : KTPS-V & VI

Vendor Code : 204663
GSTIN : 36AAEFN8478M1ZH
PAN No.: AAEFN8478M

PO No: 4900040459 / / / L01 / 2024 - 25 / / DT. 20.04.2024

Sub: KTPS-V&VI Stages - Arresting leakages from roof slab at IX Unit and X Unit at EL (+) 34.00 M from Column No.5 to 23 of TG Building of KTPS-V Stage (2x250MW), Paloncha, Bhadradri-Kothagudem Dist-P.O-Issued

Ref : 1) LOI No.CC-0027/CE/Civil/Thermal/SE.TCD-I/EE3/F.E437/D.No.351/2023-24,Dt.12.12.2023.
2) L.S Agt.No.69523071 of Superintending Engineer/Civil/KTPS-V & VI Stages/ Paloncha.

1 **ACCEPTANCE :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

2 **SCOPE OF CONTRACT/ORDER :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

3 **SCHEDULE OF WORK & PRICES :**
PO Amount excluding all provisions including tender percentage less amount:
Rs.26,06,491.19
Provisions towards EPF, ESI, Labour Cess, corpus fund to NAC: Rs.2,16,752.40
Provision towards GST: Rs.5,07,714.68
Total PO amount including all provisions & GST: Rs.33,30,958.27

4 **PRICE BASIS :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

5 **VARIATION IN TAXES & DUTIES :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

6 **DELIVERY PERIOD :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

7 **GUARANTEE PERIOD :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

8 **TERMS OF PAYMENT :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

9 **SECURITY DEPOSIT :**
The contractor has paid an amount of Rs.39,000/- through online vide payment ID:2091977,Dt.24.10.2023 towards EMD. Paid an amount of Rs.1,94,700.00 vide DD.No.170376,Dt:04.12.2023 drawn in favour of Pay officer/TSGENCO/Vidyut Soudha issued by State Bank ofIndia/Heavy Water Plant/Manuguru Branch towards Additional Security Deposit and paid an amount of Rs.91,500.00 vide DD.No.170443, Dt:16.01.2024 issued by State Bank ofIndia/Heavy Water Plant/Manuguru Branch towards Security Deposit

10 **PAYING OFFICER : :**

As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

11 **GENERAL TERMS :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

12 **CORRESPONDENCE :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

13 **JURISDICTION. :**
As per Agreement No.69523071 of Superintending Engineer/Civil/Stage KTPS V&VI Stage/Paloncha

For & On behalf of TSGENCO

29/04/24

Chief Engineer/ Civil (Thermal)

Document Dispatch Details:

Dispatch No: 84 Date : 29/04/2024 LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE

Copy to:
Copy to the
1. The Chief Engineer/O&M/KTPS-V&VI Stages/Paloncha/Bhadradri-KothagudemDist-507115
2. The Financial Advisor and Chief Controller of Accounts (Resources)/TSGENCO/VidyutSoudha/ Hyderabad.
3.Superintending Engineer/Civil/KTPS-V&VI Stages/Paloncha.
4.Dy.CCA/KTPS-V &VI Stages/Paloncha-507115/Bhadradri-KothagudemDist
5.Senior Accounts Officer/P&A/TSGENCO/VidyutSoudha/Hyderabad.
6.AEE (Tech) to Director (Civil)/TSGENCO/VidyutSoudha/Hyderabad
7.Spare/Stock File

Annexure - 1

PO No: 4900040459 / / / L01 / 2024 - 25 / / DT.20.04.2024

Sub: KTPS-V&VI Stages - Arresting leakages from roof slab at IX Unit and X Unit at EL (+) 34.00 M from Column No.5 to 23 of TG Building of KTPS-V Stage (2x250MW), Paloncha, Bhadradri-Kothagudem Dist-P.O-Issued

S.No.	Service Code (SAC) Description	UOM	Qty	Unit Price	Per	Total Value
1	(995453)					
1		RM	2,600.000	38.15	1	99,190.00
	Specialised filling of the terrace cracks of TG Building with Polyurethane Sealant, duly cleaning the surface from dirt, dust and other contaminations, making V grooves upto width & depth of 6mm x 6mm, filling of the groove with single component high flexible polyurethene sealant - ROOFSEAL PU (Armstrong) /Nitoseal PU280 of Fosric/ZORISEAL PU of PMCC. The rate includes cost and conveyance of all materials, all machinery hire charges, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by Engineer in Charge.					
2		M2	5,540.000	452.58	1	2,507,293.20
	Providing specialized high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating treatment to the terrace with fibre mesh / geo fabric duly a). Cleaning of the surface from dirt, dust and other contaminations. b). Applying one coat of high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating of RAINSEAL of Armstrong /PROOFEX SM of Fosroc / ZORICOAT XL of SMCC (1 Ltr/10 Sq.Mtr./Each Coat) diluting with water at 1:1 ratio as a prime coat c). Immediately, application of one coat of high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating of RAINSEAL of Armstrong /PROOFEX SM of Fosroc / ZORICOAT XL of PMCC mixing with 20 % of Water (1 Ltr/5 Sq.Mtr/Each Coat). e) Laying of fibre mesh 40 GSM/ Geo fabric 40 GSM on the surface. f). Over the Fibre mesh, application of two coats of high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating or equivalent of RAINSEAL of Armstrong /PROOFEX SM of Fosroc / ZORICOAT XL of PMCC (1 Ltr/2 Sq.Mtr/Each Coat) diluting with 20% of water. The rate including cost and conveyance of all materials like chemical, all machinery hire charges, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by Engineer in Charge.					
3	Rounding of	LS	1.000	7.99	1	7.99
2	(995453)					
1		LS	150,454.000	1.00	1	150,454.00
	Provision towards EPF @ 13% on Labour					
2		LS	37,627.000	1.00	1	37,627.00
	Provision towards ESI @ 3.25% on Labour					
3		LS	26,064.910	1.00	1	26,064.91
	Provision towards Labour cess @ 1% on Agt. amount					
3	(995453)					
1		LS	2,606.490	1.00	1	2,606.49
	Provision towards Corpus fund to NAC @ 0.1% on Agt. amount					
				Total Amount :		**Rs. 2,823,243.59**

Total Amount in Words : Rupees Twentyeight Lakh Twentythree Thousand Two Hundred Fortythree And Paise Fiftynine Only

30/04/24

Chief Engineer/ Civil (Thermal)

PO No: 4900040459

TELANGANA STATE POWER GENERATION CORPORATION LTD

(A Government of Telangana Undertaking)
CORPORATE OFFICE VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
The Chief Engineer/ Civil
Thermal,
TSGENCO, A-Block,
Vidyut Soudha, Hyderabad-082

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)

To :
M/s NARESH CONSTRUCTIONS
H.NO.2-220, JAGGARAM, ASWAPURAM,
BHADRADRI KOTHAGUDEM 507116, Telangana

Vendor Code : 204663
GSTIN : 36AAEFN8478M1ZH

AMENDMENT No (1)

Sir / Madam

Sub : KTPS-V&VI Stages - Arresting leakages from roof slab at IX Unit and X Unit at EL (+) 34.00 M from Column No.5 to 23 of TG Building of KTPS-V Stage (2x250MW), Paloncha, Bhadradri-Kothagudem Dist

Ref :
1) LOI No.CC-0027/CE/Civil/Thermal/SE.TCD-I/EE3/F.E437/D.No.351/2023-24,Dt.12.12.2023.
2) L.S Agt.No.69523071 of Superintending Engineer/Civil/KTPS-V & VI Stages/ Paloncha.
3) Supplemental slip No.01/2024-25 to the Orignal L.S Agt.No.69523071 of Superintending Engineer/Civil/KTPS-V & VI Stages/ Paloncha.

The Supplemental slip-I for L.S.Agt 2nd cited, for an amount of Rs.48,259.75 is incorporated in P.O.No.4900040459.

All other clauses are as per original L.S Agt.No.69523071 of Superintending Engineer/Civil/KTPS-V & VI Stages/ Paloncha and Supplemental slip-I /2024-25 to the L.S Agt.No.69523071 of Superintending Engineer/Civil/KTPS-V & VI Stages/ Paloncha

Yours faithfully

Chief Engineer/ Civil (Thermal)

Copy to the
1. The Chief Engineer/O&M/KTPS-V&VI Stages/Paloncha/Bhadradri-KothagudemDist-507115
2. The Financial Advisor and Chief Controller of Accounts (Resources)/TGGENCO/VidyutSoudha/ Hyderabad.
3.Superintending Engineer/Civil/KTPS-V&VI Stages/Paloncha.
4.Dy.CCA/KTPS-V &VI Stages/Paloncha-507115/Bhadradri-KothagudemDist
5.Senior Accounts Officer/P&A/TGGENCO/VidyutSoudha/Hyderabad.
6.AEE (Tech) to Director (Civil)/TGGENCO/VidyutSoudha/Hyderabad
7.Spare/Stock File

Annexure - 1

S.No.	Service Code (SAC)	Description	Qty	UOM	Unit Price	Per	Total Value
1	(995453)						
1			2,600.000	RM	38.15	1	99,190.00
	Specialised filling of the terrace cracks of TG Building with Polyurethane Sealant, duly cleaning the surface from dirt, dust and other contaminations, making V grooves upto width & depth of 6mm x 6mm, filling of the groove with single component high flexible polyurethene sealant - ROOFSEAL PU (Armstrong) /Nitoseal PU280 of Fosric/ZORISEAL PU of PMCC. The rate includes cost and conveyance of all materials, all machinery hire charges, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by Engineer in Charge.						
2			5,540.000	M2	452.58	1	2,507,293.20
	Providing specialized high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating treatment to the terrace with fibre mesh / geo fabric duly a). Cleaning of the surface from dirt, dust and other contaminations. b). Applying one coat of high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating of RAINSEAL of Armstrong /PROOFEX SM of Fosroc / ZORICOAT XL of SMCC (1 Ltr/10 Sq.Mtr./Each Coat) diluting with water at 1:1 ratio as a prime coat c). Immediately, application of one coat of high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating of RAINSEAL of Armstrong /PROOFEX SM of Fosroc / ZORICOAT XL of PMCC mixing with 20 % of Water (1 Ltr/5 Sq.Mtr/Each Coat). e) Laying of fibre mesh 40 GSM/ Geo fabric 40 GSM on the surface. f). Over the Fibre mesh, application of two coats of high solid, cold applied, Acrylic Elastomeric Liquid Membrane coating or equivalent of RAINSEAL of Armstrong /PROOFEX SM of Fosroc / ZORICOAT XL of PMCC (1 Ltr/2 Sq.Mtr/Each Coat) diluting with 20% of water. The rate including cost and conveyance of all materials like chemical, all machinery hire charges, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by Engineer in Charge.						
3		Rounding of	1.000	LS	7.99	1	7.99
2	(995453)						
1			150,454.000	LS	1.00	1	150,454.00
	Provision towards EPF @ 13% on Labour						
2			37,627.000	LS	1.00	1	37,627.00
	Provision towards ESI @ 3.25% on Labour						
3			26,064.910	LS	1.00	1	26,064.91
	Provision towards Labour cess @ 1% on Agt. amount						
3	(995453)						
1			2,606.490	LS	1.00	1	2,606.49
	Provision towards Corpus fund to NAC @ 0.1% on Agt. amount						
4	(9954)						
1			1,265.000	RM	38.15	1	48,259.75
	Supplemental item no.01 to original Agreemnet item 1 Specialised filling of the terrace cracks of TG Building with Polyurethane Sealant, duly cleaning the surface from dirt, dust and other contaminations, making V grooves upto width & depth of 6mm x 6mm, filling of the groove with single component high flexible polyurethene sealant - ROOFSEAL PU (Armstrong) /Nitoseal PU280 of FOSROC/ZORISEAL PU of PMCC. The rate includes cost and conveyance of all materials, all machinery hire charges, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by Engineer in Charge.						
					Total Amount		:Rs. 2,871,503.34

Total Amount in Words : RUPEES TWENTYEIGHT LAKH SEVENTYONE THOUSAND FIVE HUNDRED THREE AND PAISE THIRTYFOUR ONLY

Chief Engineer/ Civil (Thermal)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

GSTIN .: 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
BOILER AUXILIARIES PLANT
INDIRA GANDHI INDUSTRIAL COMPLEX
RANIPET 632406, Tamilnadu
Phone No:04172284888
Fax No:04172241176241158

Vendor Code : 107358
GSTIN : 33AAACB4146P2ZL

PO No: 5300001514 CE/GEN / SE/GEN II / EME II / D06 / 2024 - 25 / / DT. 18.06.2024

Sub:TGGENCO # KTPS-V (2X250MW) "Modification of 2 Nos. Air Pre heaters (Size 27.5 VIMT 2000) single sealing arrangement with double sealing arrangement by Design, Engineering, Manufacturing, Supply and Erection & commissioning of Double sealing material duly dismantling the existing single seal air pre heater in Unit-X(1x250MW) of KTPS-V stage"-Billing Break Up (BBU) of supplies -Approval-Issued-Reg.

Reference:
1.LOI:Lr.No.CEG/SEG-I/E2A4/KTPS-V/F.R&M of APH-U-10/D.No. 143/23, Dt. 04.07.2023.
2.Contract P.O.No.3000000031 CE/GEN/SE/GEN-I/EME II/D06/ D.No.336/23, Dt:03.08.2023.
3.Your Lr.No.BAP:COMML:R2-7011:BBU:R00, Dt:18.11.2023.
4.Lr.No.CEG/SEG-I/E2A4/KTPS-V/F.R&M of APH-U-10/D.No.415/23,Dt. 01.12.2023.
5.Lr.No.CEG/SEG-I/E2A4/F.3000000031/D.No.217/24,Dt.07.06.2024.

The Billing Break up (BBU) furnished vide ref(3), has been approved vide ref(4) and is shown in the Annexure-I enclosed subject to the terms and conditions mentioned hereunder:

i. Price Basis:
Prices are firm as per the contract. The prices mentioned in the Annexure-I are Inclusive of Freight charges, Transit insurance charges and exclusive of GST. The total quanty mentioned in Annexure-I may undergo revision incase of change in allocation and any additional engineering requirementas as per your letter dt:18.11.2023.
Total P.O.Amount:7,87,46,731.84
In words: Rupees Seven Crore Eighty Seven Lakhs Forty Six Thousand Seven Hundred and Thirty One Paise Eighty Four only.

ii. Payment towards supply shall be as per the payment terms of the Contract Order.

iii. The Taxes and duties shall be paid as per the Contract Order.

iv.Delivery Note and Invoice submitted by M/s BHEL, Ranipet must contain Contract No.3000000031, Release P.O Number(BBU P.O), P.O Line Item Numbers, Vendor Material No.(BBU No.) as per Annexure-1 of Release P.O, for speedy processing of invoices and payments.

v. Arrange to submit the Erection, Operation and Maintenance manuals in 08 sets (Both soft and hard copies) giving detailed instructions with illustrations of the equipment. The Contractor shall furnish operation & maintenance

-470-

instruction manuals for Air Preheater modified by you as per the clause no.(22) of the Contract Order.

vi. Arrange to dispatch the materials in sequential manner to suit the erection programme.

vii.Arrange to submit the Performance bank Guarantee (PBG) for 10% of total order value(9,37,49,000) i.e., 93,74,900/-as per the Clause No.(13) of the contract order.

viii. The Delivery/Completion period, Liquidated damage/Penalty are as per the Contract Order.

ix.The contract is valid upto 30.09.2024.

All the terms & conditions are as per Contract Order cited at ref(2) & its amendment-I cited at ref(5).

Encl: Annexure-I.

Copy communicated:
"The Chief Engineer/O&M/KTPS V&VI stages/Paloncha/Bhadradrikothagudem Dist-507115.
"The Chief Engineer/Quality Control/TGGENCO/ERP Building/Erragadda, Hyderabad.
"The Chief Engineer/Coal & Commercial/ TGGENCO/VidyuthSoudha/Hyderabad
"The FA&CCA(Resources)/ TGGENCO/VidyuthSoudha/Hyderabad

Copy to:
"The Divisional Engineer/Technical to the Director (Thermal)/TGGENCO/Vidyut Soudha/Hyderabad.
"The SAO/P&A/TGGENCO/VidyuthSoudha/Hyderabad.
"The SAO/O&M /KTPS V&VI stages/Paloncha/Bhadradrikothagudem Dist-507115.
"M/s BHEL,PS-SSBG, Vikasnagar, Hyderabad.

Annexure - 1

PO No: 5300001514 CE/GEN / SE/GEN II / EME II / D06 / 2024 - 25 / / DT.18.06.2024

Contract No: 3000000031 Item No: 10

S.No.	Material Code (HSN Code) Description	Vendor Material BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
10	500051603 (8404)		436318.328	KG	180.48	78746731.84
	Material required for modification of Air preheater with double sealing arrangement.					
					Total Amount :	Rs. 78,746,731.84

Total Amount in Words : RUPEES SEVEN CRORE EIGHTYSEVEN LAKH FORTYSIX THOUSAND SEVEN HUNDRED THIRTYONE AND PAISE EIGHTYFOUR ONLY

Chief Engineer (Generation)

By Regd. Post With Ack

In Duplicate

TELANGANA POWER GENERATION CORPORATION LIMITED
(A Government of TS Undertaking)
CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

GSTIN .: 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)
TIN No. : 36280126964
PAN No. : AAFCT0257Q

To :
M/s BHARAT HEAVY ELECTRICALS LIMITED
BOILER AUXILIARIES PLANT
INDIRA GANDHI INDUSTRIAL COMPLEX
RANIPET 632406, Tamilnadu
Phone No:04172284888
Fax No:04172241176241158

Vendor Code : 107358
GSTIN : 33AAACB4146P2ZL

PO No: 5300001527 CE/GEN / SE/GEN II / EME II / D06 / 2024 - 25 / / DT. 30.07.2024

Sub:TGGENCO # KTPS-V (2X250MW) "Modification of 2 Nos. Air Pre heaters (Size 27.5 VIMT 2000) single sealing arrangement with double sealing arrangement by Design, Engineering, Manufacturing, Supply and Erection & commissioning of Double sealing material duly dismantling the existing single seal air pre heater in Unit- X(1x250MW) of KTPS-V stage"--Billing Break Up (BBU) of Services -Approval-Issued-Reg.

Ref: 1.LOI:Lr.No.CEG/SEG-I/E2A4/KTPS-V/F.R&M of APH-U-10/D.No. 143/23, Dt. 04.07.2023.
2.Contract P.O.No.3000000031 CE/GEN/SE/GEN-I/EME II/D06/ D.No.336/23, Dt:03.08.2023.
3.Lr.No.CEG/SEG-I/E2A4/F.3000000031/D.No.217/24,Dt.07.06.2024.
4.BBU Lr.No.TKV-1231-BAP:Erection BBU:Rev0, Dt:14.06.2024.

***

The Billing Break up furnished towards Services for "Modification of 2 Nos. Air Pre heaters (Size 27.5 VIMT 2000) single sealing arrangement with double sealing arrangement by Design, Engineering, Manufacturing, Supply and Erection & commissioning of Double sealing material duly dismantling the existing single seal air pre heater in Unit- X(1x250MW) of KTPS-V stage" vide letter cited at ref.(4) pertaining to M/s. BHEL Ranipet, has been reviewed and approved as per Annexure-I enclosed subject to the terms and conditions mentioned hereunder:

SPECIAL INSTRUCTIONS:

i. Price Basis:
Prices are firm as per the contract. The prices mentioned in the Annexure-I are exclusive of GST.
Total P.O.Amount:1,50,00,000.00
In words: Rupees One Crore Fifty Lakhs only.

ii. Payment towards services shall be made as per the payment terms of the Contract Order.

iii. The Taxes and duties shall be paid as per the Contract Order.

iv. The contractor has to carryout all the required works for the completion of the Contract.

v. Billing break up does not absolve the responsibility of the M/s.BHEL towards Dismanttling, Erection, Testi & Commissioning as per the Purchase Order.

vi. Invoice submitted by M/s BHEL, Ranipet must contain Contract No.3000000031, Release P Number(BBU P.O), P.O Line Item Numbers as per Annexure-1 of Release P.O, for speedy processing invoices and payments.

vii. The Contractor shall furnish Erection, Operation and Maintenance manuals in 08 sets (Both soft and h copies) giving detailed instructions with illustrations of the equipment and also operation & maintenai instruction manuals for Air Preheater modified by you as per the clause no.(22) of the Contract Order.

viii. The detailed BBU is issued subject to the terms & conditions as mentioned in the Contract Order cited at ref(2) & its amendment-I cited at ref(3).

Encl: Annexure-I.

Yours faithfully,

CHIEF ENGINEER
GENERATION

Copy communicated:
" The Chief Engineer/O&M/KTPS V&VI stages/Paloncha/Bhadradrikothagudem Dist-507115.
" The Chief Engineer/Quality Control/TGGENCO/ERP Building/Erragadda, Hyderabad.
" The Chief Engineer/Coal & Commercial/ TGGENCO/VidyuthSoudha/Hyderabad
" The FA&CCA(Resources)/ TGGENCO/VidyuthSoudha/Hyderabad

Copy to:
" The Divisional Engineer/Technical to the Director (Thermal)/TGGENCO/Vidyut Soudha/Hyderabad.
" The SAO/P&A/TGGENCO/VidyuthSoudha/Hyderabad.
" The SAO/O&M /KTPS V&VI stages/Paloncha/Bhadradrikothagudem Dist-507115.
" M/s BHEL,PS-SSBG, Vikasnagar, Hyderabad.

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Annexure - 1

PO No: 5300001527 CE/GEN / SE/GEN II / EME II / D06 / 2024 - 25 / / DT.30.07.2024

Contract No: 3000000031 Item No: 20

S.No.	Service Description (SAC)	Service BBU No	Qty	UOM	Unit Price (INR)	Total Value (INR)
10	Services for Modification of 2 Nos. APHS (995444)					
10.1	Commissioning of APH		2.000	NO	6,750,000.00	13,500,000.00
10.2	Completion of PG Test		2.000	NO	750,000.00	1,500,000.00
					Total Amount :	Rs. 15,000,000.00

Total Amount in Words : RUPEES ONE CRORE FIFTY LAKH ONLY

Chief Engineer (Generation)

36CECPS9848J1ZP 9949942464, 9394655629

162

TAX INVOICE

CASH/CREDIT BILL Date 03/09/2024

SRI DURGA MEGA CELL ZONE

All Companies Cell Phones & Recharge Cards Available

13-1-58, Govt.Hospital Road, NEW PALONCHA - 507 115.Ph: 259024

M/S. AOE/TELECOM/KTPS PALONCHA

Sl. No.	PARTICULARS	HSN Code	Qty.	RATE	AMOUNT Rs.	Ps
1	Redmi A3x 3+64GB IMEI NO 866025307503912 6	—	1		8000	
2	NOKIA N130 MUSIC IMEI NO 357384927904422	—	1		2,000	
	Including GST Ten Thousand only.				10000-00	

Goods once sold will not be taken back.
GST Including sales price.

Signature

గమనిక: మా షాపునందు మీరు కొరీదు చేసిన ఏ కంపెనీ సెల్‌ఫోన్ అయినా వారంటీ సమయంలో రిపేరు వచ్చిన యెడల అయా కంపెనీల సర్వీసింగ్ సెంటర్ నందు మీరే రిపేరు చేయించుకోగలరు. మాకు ఏవిధమైన సంబంధం లేదు. సెల్‌ఫోన్ నీటిలో పడినా, తడిసినా, క్రిందపడినా కంపెనీ గ్యారంటీ ఇవ్వదు. ఒకసారి కొనుగోలు చేసిన సెల్‌ఫోన్ తిరిగి వాపసు తీసుకొనబడదు, మార్చబడదు.

Voucher No.
P.C.B.PAGE NO:

W.O.No 197500
A/C.NO: 460630
Consumable Reg.No : 2
Page No : 135

Paid to M/S [illegible] for Purchase of Cell Phone for Vigilance & MCH.

CERTIFICATES

Certified that this bill was not claimed and paid before.
Certified that there is a budget provisions for the year
Certified that the rates are reasonable.
Certified that no departmental labour are engaged for this purpose.
Certified that material are not available at KTPS-V stage stores.
Certified that the material are entered in consumable register Vide page. Nos.
Certified that the expenditure is taken into initial account.
Certified that the materials are used for IT division works only.

AOE/Telecom/KTPS V & VI Stages.

Passed for payment of Rs 10,000/- (Rupees Ten Thousand only)

Asst.Divisional Engineer
Telecom
KTPS-V & VI Stages, Paloncha

Paid for Rs 10,000/- (Rupees Ten Thousand only) from my Temporary Advance.

Asst.Divisional Engineer
Telecom
KTPS-V & VI Stages, Paloncha

08/12/24

Engineer
Stages
7116

DIVISIONAL ENGINEER
IT KTPS V & VI Stage

RAVI ELECTRONICS

CREDIT BILL

H.O. ☎: 08744-242100 📱8519988000
✉ ravielectronicskgm@gmail.com
6-12-30&31, M.G. Road, Near Ganesh Temple, KOTHAGUDEM-507101. Bhadradri Kothagudem Dist.

B.O. ☎: 08744-254200 📱9849654200
✉ ravielectronicspvc@gmail.com
H.No : 19-1-137, Post Office Road, PALONCHA - 507115. Bhadradri Kothagudem Dist.

Bill No. KFn 2250
Date: 04/05/24
GSTIN: 36ABHPV6977H1ZU

ELFARE & CANTEEN KTPS V&VI Stage Mob: ..... GST/PAN/Mail ID .....
Paloncha.

Name of the Product	HSN Code	Qty	Rate	Amount	TAX %	CGST	SGST	TOTAL
air coolers								
S/o-Airotron D90 H		02	12500	21186	18%	1907	1907	25000-00
563442851416767O								
183898598607629G								
GRAND TOTAL								25000-00

Cheque No: 729095 dt. 2/5/24 for Rs. 25,000/- Submitted by me

Asst. Divisional Engineer
Welfare & Canteen
KTPS V&VI Stages, Paloncha.

e Amount in Words :

PAYMENT Amount .....

In case of delay Penalty @ 5% P.M. or part will be charged & SPL Discount will be with drawn. In view of credit given, I accept that the goods can be seized by firm in case of non payment as per terms and incidental costs can be charged to me.
(బాకీ తీర్చని యెడల సరుకు స్వాధీనపరచుకొనవచ్చును)

Received the goods in good condition

Customer's Signature

Certified that the particulars given above are true & correct
For RAVI ELECTRONICS

Proprietor / Manager

ject to Kothagudem Jurisdiction only. * Goods once sold will not be taken back.

Closing of Temp. Advance for Rs: 25,000-00 Welfare & Canteen KTPS V&VI Stages, Paloncha.
(Rupees Twenty Five thousand only).

Accounts Officer-III
KTPS-V-Stage, PALONCHA

TGGENCO
BTPS
Form 3.2: Financing of Additional Capitalisation

S. No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
			Apr - Mar	n+1
		Actual	Estimated	Projected
1	Additional capitalisation	**95.06**	**39.22**	**889.13**
2	**Financing Details**			
	Loan 1			
	Loan 2			
	...			
	Total Loan	**0.00**	**0.00**	**0.00**
3	Equity			
4	Internal Resources	95.06	39.22	889.13
5	Others (Please Specify)			
6	**Total (2+3+4+5)**	**95.06**	**39.22**	**889.13**

TGGENCO
BTPS
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2024-25													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND DEPOSITS	1010		122.77	9.78		132.55	-	-		-	122.77	132.55
2	BUILDINGS	1100		629.12	15.31		644.44	79.78	19.10		98.88	549.34	545.56
3	LINES AND CABLE NETWO	1200		661.80	0.08		661.87	95.45	22.60		118.05	566.34	543.82
4	PLANT AND EQUIPMENT	1300		5,049.12	62.93		5,112.05	801.33	173.31		974.63	4,247.79	4,137.42
5	CAPITAL SPARES	1400		31.96	-		31.96	2.59	1.39		3.97	29.37	27.99
6	HYDRAULIC WORKS	1500		822.36	0.41		822.77	143.65	25.42		169.07	678.71	653.70
7	OTHER CIVIL WORKS	1600		124.94	3.64		128.57	6.25	4.18		10.44	118.68	118.14
8	VEHICLES	1700		0.65	0.29		0.94	0.13	0.20		0.33	0.51	0.61
9	FURNITURE & FIXTURES	1800		1.25	0.11		1.36	0.24	0.11		0.35	1.01	1.01
10	COMPUTERS	1900		0.95	0.09		1.05	0.36	0.19		0.55	0.59	0.50
11	OFFICE EQUIPMENTS	2100		0.37	2.41		2.78	0.14	0.69		0.83	0.23	1.95
	Total		**3.30%**	**7445.28**	**95.06**	**0.00**	**7540.34**	**1129.92**	**247.18**	**0.00**	**1377.10**	**6315.36**	**6163.24**

FY 2025-26													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND DEPOSITS	1010		132.55			132.55	-	-		-	132.55	132.55
2	BUILDINGS	1100		644.44			644.44	98.88	19.10		117.97	545.56	526.46
3	LINES AND CABLE NETWO	1200		661.87			661.87	118.05	22.60		140.65	543.82	521.23
4	PLANT AND EQUIPMENT	1300		5,112.05	39.22		5,151.27	974.63	174.11		1,148.75	4,137.42	4,002.52
5	CAPITAL SPARES	1400		31.96			31.96	3.97	1.39		5.36	27.99	26.60
6	HYDRAULIC WORKS	1500		822.77			822.77	169.07	25.42		194.48	653.70	628.29
7	OTHER CIVIL WORKS	1600		128.57			128.57	10.44	4.18		14.62	118.14	113.95
8	VEHICLES	1700		0.94			0.94	0.33	0.20		0.53	0.61	0.41
9	FURNITURE & FIXTURES	1800		1.36			1.36	0.35	0.11		0.46	1.01	0.90
10	COMPUTERS	1900		1.05			1.05	0.55	0.19		0.73	0.50	0.31
11	OFFICE EQUIPMENTS	2100		2.78			2.78	0.83	0.69		1.52	1.95	1.26
	Total		**3.28%**	**7540.34**	**39.22**	**0.00**	**7579.56**	**1377.10**	**247.98**	**0.00**	**1625.08**	**6163.24**	**5954.48**

FY 2026-27													
S.No.	Asset Group	A/c Code	Rate of Depriciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	LAND DEPOSITS	1010	0	132.55			132.55	-	-		-	132.55	132.55
2	BUILDINGS	1100		644.44			644.44	117.97	19.10		137.07	526.46	507.36
3	LINES AND CABLE NETWO	1200	3.60%	661.87			661.87	140.65	22.60		163.24	521.23	498.63
4	PLANT AND EQUIPMENT	1300	3.60%	5,151.27	110.13		5,261.40	1,148.75	183.16		1,331.91	4,002.52	3,929.49
5	CAPITAL SPARES	1400	3.60%	31.96			31.96	5.36	1.39		6.75	26.60	25.21
6	HYDRAULIC WORKS	1500	3.60%	822.77			822.77	194.48	25.42		219.90	628.29	602.87
7	OTHER CIVIL WORKS	1600	3.60%	128.57	779.00		907.57	14.62	14.18		28.80	113.95	878.77
8	VEHICLES	1700	3.60%	0.94			0.94	0.53	0.20		0.73	0.41	0.21
9	FURNITURE & FIXTURES	1800	3.60%	1.36			1.36	0.46	0.11		0.57	0.90	0.79
10	COMPUTERS	1900	3.60%	1.05			1.05	0.73	0.19		0.92	0.31	0.13
11	OFFICE EQUIPMENTS	2100	3.60%	2.78			2.78	1.52	0.69		2.21	1.26	0.57
	Total		**3.33%**	**7579.56**	**889.13**	**0.00**	**8468.69**	**1625.08**	**267.03**	**0.00**	**1892.11**	**5954.48**	**6576.58**

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Form 5: Interest and finance charges on loan

A. Normative Loan (Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Opening Balance of Gross Normative Loan		5211.70	5211.70		5282.99		5312.41
2	Cumulative Repayment till the year		1129.92	1129.92		1377.10		1625.08
3	Opening Balance of Net Normative Loan	**0.00**	**4081.78**	**4081.78**	**0.00**	**3905.89**		**3687.33**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets							
5	Addition of Normative Loan due to capitalisation during the year1		71.30	71.30	0.00	29.42	0.00	666.85
6	Repayment of Normative loan during the year		247.18	247.18		247.98		267.03
7	Closing Balance of Net Normative Loan		**3905.89**	**3905.89**		**3687.33**		**4087.14**
8	Closing Balance of Gross Normative Loan		**5035.81**	**5035.81**		**5064.43**		**5712.22**
9	Average Balance of Net Normative Loan		**3993.83**	**3993.83**		**3796.61**		**3887.23**
10	Weighted average Rate of Interest on actual Loans (%)		9.98%	9.98%		10.19%		10.18%
11	Interest	**0.00**	**398.58**	**398.58**	**0.00**	**386.87**	**0.00**	**395.72**
12	Finance charges							
13	Total Interest & Finance charges	**387.89**	**398.58**	**398.58**	**372.99**	**386.87**	**343.91**	**395.72**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26
		Apr-Mar	Apr - Mar	Apr - Mar
		Audited	Estimated	Projected
1	**Loan 1-Main Plant -PFC**			
	Opening Balance of Loan	5427.32		
	Addition of Loan during the year	18.96		
	Loan Repayment during the year	409.61		
	Closing Balance of Loan	**5036.67**	**0.00**	**0.00**
	Average Loan Balance	**5222.81**	**0.00**	**0.00**
	Applicable Interest Rate (%)	9.95		
	Interest	**519.73**	**0.00**	**0.00**
	Finance charges	0.00		
	Total Interest & Finance charges	**519.73**	**0.00**	**0.00**

2	**Loan 2-PFC for FGD(Limited to SCR & Additional ESP modifications)**			
	Opening Balance of Loan	418.12	210.92	196.46
	Addition of Loan during the year	0.00	0.00	0.00
	Loan Repayment during the year	207.20	14.46	14.46
	Closing Balance of Loan	**210.92**	**196.46**	**182.00**
	Average Loan Balance	**298.92**	**205.49**	**189.84**
	Applicable Interest Rate (%)	10.47	10.02	9.55
	Interest	**31.31**	**20.60**	**18.13**
	Finance charges	0.00	0.00	0.00
	Total Interest & Finance charges	**31.31**	**20.60**	**18.13**
2	**Loan 3-PFC for FGD**			
	Opening Balance of Loan		0.00	315.82
	Addition of Loan during the year		315.82	87.70
	Loan Repayment during the year		0.00	7.21
	Closing Balance of Loan		**315.82**	**396.31**
	Average Loan Balance		**106.24**	**388.17**
	Applicable Interest Rate (%)		9.30	9.30
	Interest		**9.88**	**36.10**
	Finance charges		0.00	0.00
	Total Interest & Finance charges		**9.88**	**36.10**
	Total			
	Opening Balance of Loan	**5845.44**	**5247.59**	**5344.51**
	Addition of Loan during the year	**18.96**	**532.17**	**87.70**
	Loan Repayment during the year	**616.81**	**435.25**	**451.20**
	Closing Balance of Loan	**5247.59**	**5344.51**	**4981.01**
	Average Loan Balance	**5546.52**	**5194.38**	**5214.58**
	Applicable Interest Rate (%)	**9.98**	**10.19**	**10.18**
	Interest	**551.04**	**528.51**	**527.16**
	Finance charges	**0.00**	**0.00**	**0.00**
	Total Interest & Finance charges	**551.04**	**528.51**	**527.16**

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Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Cost of coal, towards stock		158.72	158.72		151.11		146.84
2	Cost of coal for generation		238.09	238.09		226.67		220.26
3	Cost of secondary fuel oil		1.28	1.28		2.06		2.12
4	O&M expenses		37.62	37.62		39.64		41.40
5	Maintenance spares		74.45	74.45		75.40		75.80
6	Receivables1		560.46	560.46		546.10		545.46
	Less:							
7	Payables for Fuels2		239.37	239.37		228.73		222.38
8	Total Working Capital requirement	**0.00**	**831.25**	**831.25**	**0.00**	**812.26**	**0.00**	**809.50**
9	Interest rate		10.41%	10.41%	10.08%	10.25%		10.25%
10	Interest on working capital	**70.14**	**86.53**	**86.53**	**72.39**	**83.26**	**72.26**	**82.97**

Note:
1 In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

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Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	Apr - Mar
		Approved	Audited	Claimed	Approved	Revised Proposal	Approved	Revised Proposal
1	Regulatory Equity at the beginning of the year		2233.58	2233.58		2257.35		2267.15
2	Capitalisation during the year		95.06	95.06	0.00	39.22	0.00	889.13
3	Equity portion of capitalisation during the year	0.00	23.77	23.77	0.00	9.81	0.00	222.28
4	Reduction in Equity Capital on account of retirement / replacement of assets							
5	Regulatory Equity at the end of the year	**0.00**	**2257.35**	**2257.35**	**0.00**	**2267.15**		**2489.44**
	Rate of Return on Equity							
6	Base rate of Return on Equity	11.500%	15.500%	15.500%	11.500%	15.500%	15.500%	15.500%
7	Effective Income Tax rate	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%	25.168%
8	**Rate of Return on Equity**	**15.368%**	**20.713%**	**20.713%**	**15.368%**	**20.713%**	**20.713%**	**20.713%**
	Return on Equity Computation							
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**462.64**	**462.64**	**0.00**	**467.57**		**469.60**
10	Return on Regulatory Equity addition during the year	**0.00**	**2.46**	**2.46**	**0.00**	**1.02**		**23.02**
11	**Total Return on Equity**	**377.86**	**465.10**	**465.10**	**518.27**	**468.58**	**518.27**	**492.62**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

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Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2024-25			FY 2025-26		FY 2026-27	
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr - Mar	MYT/Tariff Order	n+1
		Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
1	CURRENT CONSUMPTION CHARGES		0.10	0.10		0.11		0.11
2	INCOME FROM SALE OF ASH		0.00	0.00		0.00		0.00
3	INCOME FROM SALE OF COAL REJECTS		0.07	0.07		0.07		0.07
4	INCOME FROM SALE OF SCRAP		-	-		0.00		0.00
5	INTEREST INCOME ON EMPLOYEES - Ind AS		0.21	0.21		0.22		0.23
6	INTEREST INCOME ON SD		0.05	0.05		0.06		0.06
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.14	0.14		0.14		0.15
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.33	0.33		0.34		0.36
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		13.65	13.65		14.19		14.76
10	INTEREST/INCOME FROM OTHER DEPOSITS		-	-		0.00		0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.34	0.34		0.35		0.37
12	OTHER INCOME - CONSULTANCY PROJECTS		-	-		0.00		0.00
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.00	0.00		0.00		0.00
14	OTHER RECEIPTS FROM CONTRACTORS		0.02	0.02		0.03		0.03
15	OTHER RECEIPTS FROM STAFF		0.19	0.19		0.19		0.20
16	OTHER RENTAL OR LETTING OUT		0.01	0.01		0.01		0.01
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.04	0.04		0.04		0.04
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.00	0.00		0.03		0.03
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.00	0.00		0.00		0.00
	Total	**11.62**	**15.16**	**15.16**	**12.09**	**15.79**	**12.57**	**16.43**

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Form 9: Planned & Forced Outages

S.No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27
		April-March	Apr - Mar	Apr - Mar
		Actual	Estimated	Projected
1	**Unit 1 / Station 1**			
A.	**Planned Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage	(enclosed as Annexure)		
B.	**Forced Outages**			
	No of days of outage			
	Period of Outage			
	Reasons for Outage			
2	**Unit 2 / Station 2**			
	.....			
	.....			
	.....			

Note:
Details of outages should be submitted for each Unit of each station separately

Bhadradri Thermal Power Station- (4 x 270 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25	Current Year; 2025-26			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 2
		Actual	Actual	Estimated	Estimated	Projected
1	**Unit - 1 / BTPS(270MW)**					
A.	**Planned Outages**					1
	No of days of outage	Nil	Nil	Nil	Nil	20 Days
	Period of Outage (Hrs)	Nil	Nil	Nil	Nil	18.06.2026 to 07.07.2026 (480 Hrs)
	Reasons for Outage	Nil	Nil	Nil	Nil	AOH
B.	**Forced Outages**	9	9			
	No of days of outage	(6.61+273) =279.616 Days	16.03 Days	7.5 Days	23.53 Days	15 Days
	Period of Outage (Hrs)	(158.48+6552)= 6710.48 Hrs	(81.00+303.43) = 384.43 Hrs	180 Hrs	564.43 Hrs	360 Hrs
	Reasons for Outage	Forced outage of Unit-1 = 158:48 Hrs and Gnererator Transformer 1 failure outage:6552 Hrs	Forced outage of Unit-1 = 81:00 Hrs and Gnererator Transformer 1 failure outage:303.43 Hrs	BTL & failure of auxiliaries	BTL & failure of auxiliaries	BTL & failure of auxiliaries
2	**Unit - 2 / BTPS(270MW)**					
A.	**Planned Outages**		1		1	
	No of days of outage	Not Scheduled	24.583 Days	Nil	24.583 Days	Not Scheduled
	Period of Outage (Hrs)		06-07-2025 to 31-07-2025 (589.98 Hrs)	Nil	06-07-2025 to 31-07-2025 (589.98 Hrs)	
	Reasons for Outage		AOH	Nil	AOH	
B.	**Forced Outages**	8	3			
	No of days of outage	8.91 Days	0.768 Days	7.5 Days	8.268 Days	15 Days
	Period of Outage (Hrs)	213.55 Hrs	18.27 Hrs	180 Hrs	198:27 Hrs	360 Hrs
	Reasons for Outage	Details Enclosed	Details Enclosed	BTL & failure of auxiliaries	BTL & failure of auxiliaries	BTL & failure of auxiliaries

Bhadradri Thermal Power Station- (4 x 270 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2024-25	Current Year; 2025-26			2026-27
		April-March	Apr-Sep	Oct-Mar	Apr - Mar	n + 2
		Actual	Actual	Estimated	Estimated	Projected
3	**Unit - 3 / BTPS(270MW)**					
A.	**Planned Outages**			1	1	
	No of days of outage	Not Scheduled	Nil	20 Days	20 Days	Not Scheduled
	Period of Outage (Hrs)		Nil	01-12-2025 to 28-12-2025 (480 Hrs)	01-12-2025 to 28-12-2025 (480 Hrs)	
	Reasons for Outage		Nil	AOH	AOH	
B.	**Forced Outages**	12	6			
	No of days of outage	11.24 Days	5.712 Day	7.5 Days	13.212 Days	15 Days
	Period of Outage	269.47 Hrs	137.08 Hrs	180 Hrs	317.08 Hrs	360 Hrs
	Reasons for Outage	Details Enclosed	Details Enclosed	BTL & failure of auxiliaries	BTL & failure of auxiliaries	BTL & failure of auxiliaries
4	**Unit - 4 / BTPS(270MW)**					
A.	**Planned Outages**	1				1
	No of days of outage	29.83 Days	Not Scheduled			20 Days
	Period of Outage (Hrs)	01-11-2024 to 30-11-2024 (716 Hrs)				21-11-2026 to 10-12-2026 (480 Hrs)
	Reasons for Outage	AOH				AOH
B.	**Forced Outages**	20	5			
	No of days of outage	16.55 Days	1.79 Days	7.5 Days	9.29 Days	15 Days
	Period of Outage (Hrs)	397.19 Hrs	43.51 Hrs	180 Hrs	223.51 Hrs	360 Hrs
	Reasons for Outage	Details Enclosed	Details Enclosed	BTL & failure of auxiliaries	BTL & failure of auxiliaries	BTL & failure of auxiliaries

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-1 tripping details for the F.Y 2024-25

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
*	01-04-2024 00:00	4/1/2024 12:08	12:08	3.28	Hand trip due to boiler tube leak (ASLD CH6:17dB CH11:18dB) (tripping continued). In Water wall screen tube assembly	**BTL**
1	4/21/2024 17:29	4/22/2024 2:13	08:44	2.36	Unit-1 tripped on Turbine protection trip from ATRS panel-1	I&C
2	4/24/2024 12:11	4/25/2024 15:41	27:30	7.42	Unit-1 hand tripped due to Boiler tube leak in Super heater zone steam cooled wall pin hole leak at Fin plate welding joint.	**BTL**
3	4/26/2024 18:38	4/26/2024 19:59	01:21	0.36	Unit-1 tripped on turbine fire protection trip	I&C
4	5/18/2024 6:42	5/18/2024 9:57	03:15	0.88	Unit-1 tripped on flame failure. During water wall soot blowing operation, sudden falling of clinker happened and flame disturbance observed with possitive side of furnace draft and flame intensity in all the corners fell down to zero and boiler tripped on flame failure.	Flame failure
5	5/20/2024 2:20	5/20/2024 5:20	03:00	0.81	Unit-1 tripped on flame failure. During bottom ashing operation, sudden falling of clinker happened and flame disturbance observed with possitive side of furnace draft and flame intensity in all the corners fell down to zero and boiler tripped on flame failure.	Flame failure
6	6/11/2024 13:26	6/12/2024 16:50	27:24	7.40	Unit-1 hand tripped on boiler tube leak in Economizer zone.	**BTL**
7	6/27/2024 22:36	6/28/2024 21:28	22:52	6.17	Unit-1 tripped on drum level very high due to boiler tube leak in Economizer zone.	**BTL**
8	6/29/2024 19:26	7/2/2024 0:00	52:34	14.19	Unit-1 tripped on electrical protection due to lightning stroke.	EM
	TOTAL		**158:48**	**42.88**		

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-2 tripping details for the F.Y 2024-25

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM		Loss of gen in MU	Cause of Tripping	Category of Trip
1	6/2/2024 11:09	6/3/2024 22:50	35:41		9.635	Unit-2 hand tripped on boiler tube leak at left side platen super heater near LRSB 82	BTL
2	8/26/2024 21:27	8/28/2024 8:17	34:50		9.405	Unit-2 hand tripped due to boiler tube leak at EL +49m on Left side of Boiler	BTL
3	9/6/2024 23:42	9/7/2024 3:10	03:28		0.936	Unit-2 tripped on flame failure due to sudden obstruction of coal flow in Mill-c later identified as coal feeder -C belt damaged due to foreign material.	BM
4	9/10/2024 3:57	9/10/2024 8:37	04:40		1.260	Unit- 2 tripped on flame failure due to poor bunker level Mill-2B taken out of service, sudden tripping of Mill-2C due to IP Shaft bearing temperature high due to failure of sensor.	I&C
5	9/20/2024 8:13	9/22/2024 3:58	43:45		11.812	Unit-2 hand tripped due to boiler tube leak in Economiser zone	BTL
6	12/16/2024 5:50	12/17/2024 2:36	20:46		5.607	Unit-2 On 16.12.2024 @ 05:46AM suddenly CEP-2B tripped on protection trip on feed back failure of "suction valve opened". Even though CEP-2A started in auto after tripping of CEP-2B,CEP-2A also tripped on Discharge pressure very low protection due to failure of CEP-2A discharge pressure transmitter. As both CEP's tripped, Hence turbine hand tripped. As the HP/LP bypass system opened in planned manner, boiler tripped on drum level low.	I&C
7	2/7/2025 13:30	2/9/2025 8:48	43:18		11.691	Unit-2 Hand tripped due to Boiler tube leak in water wall at EL+ 20meters in Corner -4 of AB elevation.	BTL
8	2/26/2025 11:46	2/27/2025 15:13	27:27		7.412	Unit-2 Hand tripped due to Boiler tube leak	BTL
	TOTAL		213:55		57.76		

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-3 tripping details for the F.Y 2024-25

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	4/6/2024 6:00	4/7/2024 10:51	28:51	7.789	Unit-3 tripped on drum level low due to boiler tube leak in Economizer zone inlet header stub of coil No.172 right side of boiler fish mouth	BTL
2	4/21/2024 17:29	4/21/2024 22:53	05:24	1.458	Unit-3 tripped on class-A&B protection due to loss of excitation	EM
3	5/10/2024 9:56	5/11/2024 16:06	30:10	8.145	Unit-3 tripped on Flame failure with water wall tube leak, during fleaxible operation at 108MW	BTL
4	6/11/2024 17:59	6/13/2024 2:33	32:34	8.793	Unit-3 hand tripped on boiler tube leak	BTL
5	6/23/2024 20:52	6/24/2024 1:38	04:46	1.287	Unit-3 tripped due to TG shaft vibrations high at Bearing No.1 in x,y (365microns).	TM
6	6/25/2024 21:19	6/26/2024 1:46	04:27	1.202	Unit-3 tripped on turbine vibration high at exciter bearing	I&C
7	7/5/2024 17:37	7/5/2024 20:14	02:37	0.706	The Unit-3 tripped on fire protection operated which is due to malfunction of ACNCard /module inCCA04 DCS Panel and boiler	I&C
8	7/9/2024 10:26	7/10/2024 3:45	17:19	4.676	Unit-3 Hand Tripped Due to Boiler tube leak on left hand side steam cooled wall panel near 42mts Left side Future LRSB	BTL
9	10/8/2024 20:30	10/10/2024 12:21	39:51	10.759	Unit -3 due to Boiler tube leak at 52 Mtrs elevation right side in the Boiler near the screen tube area.	BTL
10	11/25/2024 10:08	11/26/2024 15:07	28:59	7.826	Unit-3 Hand tripped due to tube leak at 39 mtrs left side Economizer zone.	BTL
11	12/27/2024 2:23	12/27/2024 23:25	21:02	5.679	Unit-3 tripped due excitation Fault. In DAVR, all the Channels viz Auto Channel-1 & 2 and Mannual Channel-1 &2 failed leading to	EM
12	1/31/2025 2:48	2/2/2025 8:35	53:47	14.521	Unit-3 tripped on Right side IP Control valve Oil level Low (Due to Oil leakage)	TM
	TOTAL		**269:47:00**	**72.84**		

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-4 tripping details for the F.Y 2024-25

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	4/6/2024 21:45	4/8/2024 2:53	29:08	7.866	Unit -4 Tripped on drum level low due to Boiler tube leak at 48.5mtrs elevation above 90deg bend tube No.4 from right side water wall fish mouth opened.	BTL
2	5/16/2024 9:54	5/17/2024 16:16	30:22	8.199	Unit -4 Tripped on Flame failure due to Boiler tube leak at before FSH left side. (Super heater extended steam coole wall 53mtrs LHS tube , fish mouth opened	BTL
3	5/20/2024 22:42	5/21/2024 2:07	03:25	0.922	Unit-4 tripped on drum level due to sudden change of coal quality	Others
4	6/11/2024 10:30	6/11/2024 12:39	02:09	0.581	Unit-4 tripped on flame failure while changeover from Mill-4A to Mill-4B	Others
5	7/9/2024 17:38	7/10/2024 22:58	29:20	7.920	Unit-4 tripped on flame failure due to tube leak in LTSH Lower Bank Zone of its 1 st coil assembly at 45.25mtrs Left hand side of the Boiler	BTL
6	7/30/2024 4:49	7/30/2024 10:48	05:59	1.615	Unit-4 tripped on Class-A electrical protection due to failure of R-Phase oil surge relay of UAT-4A	EM
7	8/2/2024 10:55	8/2/2024 11:45	00:50	0.225	Unit-4 tripped on flame failure due to heavy clinker fall.	Others
8	8/23/2024 10:33	8/23/2024 13:38	03:05	0.833	Unit-4 tripped on flame failure due to Scanner panel supply failure.	I&C
9	8/28/2024 21:37	8/29/2024 8:49	11:12	3.024	Unit-4 hand tripped due to ST-2 earth fault &APH O/LTemperature rise	EM
10	9/8/2024 20:22	9/10/2024 10:41	38:19	10.346	Unit-4 hand tripped due to boiler tube leak in LTSH upper bank 47.5 mtr elevation.	BTL
11	9/10/2024 19:30	9/10/2024 20:05	00:35	0.157	Unit-4 turbine hand tripped and boiler was in live for finding out the reason for HP Turbine Exhaust temperature high.	TM
12	9/11/2024 6:50	9/15/2024 10:17	99:27	26.852	Unit-4 Emergency hand tripped on suspecting of CRH-NRV problem.	TM
13	10/28/2024 7:25	10/28/2024 10:39	03:14	0.873	Unit-4 tripped due to Drum level very high.	Others
14	12/2/2024 2:02	12/2/2024 4:25	02:23	0.644	Unit-4 hand tripped due to abnormal sound observed from 400KV B phase Metering CT. After tripping the unit B-phase CTM secondary terminal box was inspected and observed the melting of bushings tandelta earth strip, the same was replaced with flexible copper wire and unit was synchronised to grid.	EM
15	12/6/2024 19:55	12/8/2024 2:11	30:16	8.172	Unit-4 hand tripped due to Boiler At 35 meters elevation in economiser inlet header riser pipe bend in 9th coil fish mouth has opened and 10th coil bend secondary erosion has been found and also in economiser lower bank coil 1&2 tubes pin hole .	BTL

16	12/28/2024 22:12	12/30/2024 17:04	42:52	11.574	Unit-4 hand tripped due toBoiler At 34.55 meters elevation in ASLD No.3 bend tubes of water walls pin hole has opened .	BTL
17	1/9/2025 15:57	1/9/2025 17:02	01:05	0.293	Unit-4 tripped on flame failure due to sudden fall of clinker (Draft varied from +32 mmwc to - 223mmwc)	Others
18	2/5/2025 22:05	2/7/2025 8:41	34:36	9.342	Unit-4 Hand tripped due to steam leak observed in steam cooled wall tube toward outside at elevation 48.2 mtrs at right side of Boiler.	BTL
19	2/10/2025 4:51	2/10/2025 7:47	02:56	0.792	Flame Failure due to sudden fall of clinker Boiler "Ist Pass"	Others
20	2/28/2025 22:25	3/2/2025 0:31	26:06	7.047	Unit-4 Hand tripped due to water wall tube leak near LRSB NO.70 at 48Mtrs elevation .	BTL
	TOTAL		**397:19**	**107.28**		

TELANGANA POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-1 tripping details for the F.Y 2025-26

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	4/16/2025 6:30	4/16/2025 16:31	10:01	2.704	1) a)Unit instrument air compressors 2,3,&4 are in service. IAC-2 is on ST-1 and IAC-3&4 are on ST-2. b)SAC1&3 are in service SAC-1 is on ST-1 and SAC-3 is on ST-2. 2). For all the IAC and SAC's DMCW cooling water is from Unit#2. 3). As the ST-1 tripped, IAC-2 tripped and soon after tripping of the Unit#2, all the unit loads also tripped including DMCW PUMPS. 4) Due to tripping of the DMCW pumps, all the IAC's and SAC,s are tripped on DMCW cooling water temperature high. 5) Even though DMCW cooling water to IAC's & SAC's changed over to Unit#1, Unit#1 also tripped and all the IAC' and SAC's are triped due to lack of DMCW water 6) Due to loss of instrument air, and all the recirculation valves opened, hence even though both BFP's are in service feed water fell down and drum level could not maintained adequately and drastically fell down & boiler tripped on drum level very low Turbine tripped on Boiler protection.	EM
2	4/16/2025 16:54	4/16/2025 17:50	00:56	0.252	Unit-1 Tripped Due to sudden failure of intra bus communication modules(IBC) in rack-1&2 and 1 No. IPSP module in rack-2 in DCS Panel (CRE-04) pertaining to FD Fan-1A&1B, the corresponding total secondary air flow pertaining to FD Fan-1A&1B is not communinated to the system in spite of FD Fan-1A&1B are in service, hence boiler tripped on "Total air flow less than 30%", turbine tripped on Boiler protection.	I&C
3	4/30/2025 14:29	4/30/2025 16:27	01:58	0.531	Unit-1 Tripped Due to Furnace draft variation observed with sudden falling of clinker and unit tripped on flame failure.	OTHERS
4	5/30/2025 23:33	5/31/2025 4:24	04:51	1.310	Unit-1 tripped Due to Furnace draft variation observed with sudden falling of Clinker and Unit tripped on flame failure.	OTHERS
*	6/3/2025 16:30	6/3/2025 20:30	04:00	0.868	Since RSD is accepted upto 16:30hrs. only with Ramp upto 18:00hrs, the period between 16:30hrs. And 20:30 hrs. is considered as Forced Outage. Actual synchronisation of unit-1 is at 20:30hrs. on 03-06-2025.	
5	8/2/2025 1:28	8/2/2025 11:39	10:11	2.750	400KV B-PH metering CT oil leak	EM
6	8/3/2025 4:26	8/4/2025 1:53	21:27	5.792	400KV B-PH metering CT failed.	EM
7	8/18/2025 23:36	8/19/2025 5:21	05:45	1.553	PA Fans A&B deparalelled suddenly which caused disburance in PA header pressure and fall down to very low level and disturbed the flame intensities.Boiler tripped on flame failure.Turbine tripped on boiler protection.PA Fan-1A HAD malfunctioned and sudden increase of PA Fan-1A load current which caused deparalell of both PA fans without any DCS command is the reason for disturbance in PA header pressure and also caused the flame failure.	BM
*	9/8/2025 22:30	9/9/2025 20:21	21:51	5.746	Unit-1 Forced outage due to delay in taking the unit after RSD to attend GT-1 works.	OTHERS
	TOTAL		**81:00**	**21.505**		
Unit-1 Planned Outage details for the F.Y 2025-26						
*	4/1/2025 0:00	4/13/2025 15:43	303:43	82.00	Unit-1 tripped on Electrical protection on 29-06-2024 19:26 hrsand later continued for carrying out Annual Overhaul.	AOH

TELANGANA POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-2 tripping details for the F.Y 2025-26

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	4/16/2025 6:05	4/16/2025 16:43	10:38	2.87	Unit-2 Tripped due to Drum level very low, Turbine tripped on boiler protection.. 1)Station transformer-1 tripped on PRV operated at 06.03 AM .BFP-2C tripped as the input supply 6.6 KV is on OCB bus which is on ST-1. Even though auto start command issued to stand by BFP-2B , due to the change over power supply disturbance for AOP of BFP-2B , AOP also tripped and due to non availability of adequate lub oil pressure, BFP-2B not started in auto. As the only BFP-2A could not able to maintain the drum level at the load of 257 MW, boiler tripped on Drum level very low. 2) PRV of Transformer is supposed to operate at 7+/-1 PSI. On observation it was noticed that PRV of ST-1(Left side) flag lifted.It is being suspected the oversensitivity of PRV might caused its operation.	EM
2	8/1/2025 18:51	8/1/2025 22:48	03:57	1.066	Unit-2 Tripped due to Generator Differential Protection (SPURIOUS TRIP)	EM
3	9/25/2025 23:38	9/26/2025 3:30	03:52	1.197	Unit-2 tripped due to Generator Electrical protection and kept under RSD WEF 02:00 hrs. on 26-09-2025	EM
	TOTAL		**18:27**	**5.130**		

ANNUAL OVERHAUL (UNIT-2)					
Sl. No	Trip Date & Time	Synchronisation Date & Time	DURATION (HR:MM)	LOSS IN MU	Cause of tripping
1	**7/6/2025 18:10**	**7/31/2025 8:09**	**589:59**	**159.296**	Unit -2 tripped On 06-07-2025 at 18:10Hrs due to flame failure in continuous Annual Overahaul (AOH) Declared.

TELANGANA POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-3 tripping details for the F.Y 2025-26

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	4/15/2025 11:48	4/16/2025 14:54	**27:06**	**7.317**	Unit -3 Hand Tripped due to Boiler tube leak in economiser coil at near man hole door at 38mts elevation left hand side of Boiler.	BM/BTL
2	**6/21/2025 0:32**	**6/22/2025 4:30**	**27:58**	**7.551**	Unit-3 hand tripped due to Boiler water wall tube leak, after completion of work as per the instructions of SLDC unit-3 kept under Reserve shut down from 04:30hrs on 22-06-2025	BM/BTL
*	**6/22/2025 4:30**	**6/22/2025 7:30**	**03:00**	**0.963**	Since RSD is accepted from 07:30hrs. only with Ramp upto 8:45hrs, the period between 04:30hrs. and 08:45 hrs. is considered as Forced Outage.	
3	**7/9/2025 9:34**	**7/9/2025 10:40**	**01:06**	**0.297**	Unit-3 tripped due to Bearing #6 (i.e. Generator rear bearing) temperature very high	I&C
4	**8/2/2025 5:51**	**8/3/2025 11:14**	**29:23**	**7.933**	Unit-3 Hand tripped due Boiler Economiser hoppr area tube leak at economiser Lower bank.	BM/BTL
5	**8/20/2025 1:38**	**8/20/2025 5:21**	**03:43**	**1.003**	Unit-3 tripped due to Turbine emergency trip channel 1 operated due to malfunction of Emergency push button in UCP pannel to avoid recurrene of above trip, trip bypassed and kept in monitoring mode	I&C
6	**9/19/2025 19:27**	**9/21/2025 16:19**	**44:52**	**12.114**	Unit-3 hand tripped due to water wall tube leak	BM/BTL
	TOTAL		**137:08:00**	**37.179**		

TELANGANA POWER GENERATION CORPORATION LIMITED
BHADRADRI THERMAL POWER STATION - (4 X 270 MW)
Unit-4 tripping details for the F.Y 2025-26

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	4/16/2025 6:30	4/16/2025 10:27	03:57	1.0665	Unit-4 Tripped Due to tripping of ST-1 at 06:03 hrs on 16-04-2025, Unit-2 tripped at 06:05Hrs at stage-1. The DMCW pumps tripped because the pumps on Unit-2 . Due to that DMCW water supply failed to Instrument Air Compressors. Hence Recirculation valves of BFP-A &C of Unit-4 are opened and not maintained DP due to IACs air pressure is zero. Hence Unit-4 tripped on Drum level low.	EM
2	4/29/2025 13:51	4/29/2025 17:10	03:19	0.8955	Unit-4 Tripped on Generator Electrical Protection.It was observed that GT Off Circuit Tap Changer Relay mall Operated .	EM
3	5/5/2025 16:49	5/5/2025 18:23	01:34	0.42	Unit-4 tripped Due to mal operation of IDFan-4A motor local emergency stop push button, IDFan-4A tripped. Consequiently FD-Fan-4A and top mill tripped caused flame disturbance and unit tripped on flame failure.	EM
4	7/26/2025 18:24	7/28/2025 0:15	29:51	8.2130	Unit -4 tripped On 26-07-2025 at 18:24Hrs due to flame failure and after attending boiler tube leak as per the instructions of SLDC unit kept under Reserve shut down.	BM/BTL
5	9/9/2025 20:28	9/10/2025 1:38	05:10	1.3950	Unit-4 tripped due to flame failure (6.6KV 4CB board failure)	EM
TOTAL			43:51	11.993		

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Form 10: Operational parameters

S. No.	Particulars	Units	FY 2024-25			FY 2025-26		FY 2026-27		Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	April - March	MYT/Tariff Order	April - March	
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected	
1	Installed Capacity	MW	4X270	**1080**						
	COD		05.06.2020 07.12.2020 27.03.2021 09.01.2022							
	Type of Thermal Generating Station (Pithead/Non-		Non-Pit Head							
2	**Availability**									
2.1	Target Availability for full recovery of AFC	%	85	85	85	85	85	85	85	
2.2	Actual/Projected Availability	%		**62.86**	**62.86**		**85**		85	
3	**Plant Load Factor (PLF)**									
3.1	Target PLF for Incentive	%	85	85	85	85	85	85	85	
3.2	Actual/Projected PLF	%		**66.7**	**66.7**	85	85.03	85	85.03	
4	**Gross Generation**									
4.1	Scheduled Generation	MU		4801.37	**4801.37**		6275.43		7361.1	
4.2	Actual/Projected Gross Generation	MU		**5332.793**	**5332.793**		**6913.14**		8044.92	
5	**Auxiliary Consumption**									
5.1	Normative Auxiliary Energy Consumption	%	8.5	8.5	8.5	8.5	8.5	8.5	8.5	
5.2	Actual/Projected Auxiliary Energy Consumption	%		**9.97**	**9.97**		9.22	8.5	8.5	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		**531.43**	**531.426**		**637.71**		683.82	
5.4	Net Generation	MU		**4801.37**	**4801.37**		**6275.43**		7361.1	
6	**Gross Station Heat Rate**									
6.1	Normative Gross Station Heat Rate	kcal/kWh	2318.4	2318.4	2318.4	2318.4	2318.4	2318.4	2318.4	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		**2379.19**	**2376**		**2318.4**		2318.4	
7	**Secondary Fuel Oil Consumption**									
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		**0.29**	**0.29**		**0.5**		0.5	
8	**Transit Loss**									
8.1	Normative Transit Loss	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%					**0.8**		0.8	

TGGENCO
BTPS
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2024-25												FY 2025-26					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	181569	171154	154499	126774	135987	139634	75810	222671	310996	238066	192032	192863	347736	358415	312640	248963	187716	107543
2	Value ot stock	Rs.in Crs	81.46	79.54	74.47	59.53	69.87	64.45	32.62	87.46	134.08	112.40	93.89	93.80	178.95	186.20	164.02	138.03	94.66	53.47
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	436129	437307	395101	336668	330457	238532	459031	268585	227535	294365	305492	482606	361075	356524	304209	264771	299827	361600
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	436128.53	437307	395100.8	336668	330456.9	238532	459031.2	268584.9	227535.4	294365.2	305491.8	482605.8	361075	356523.7	304208.7	264771.2	299827	361600
6	Normative transit and handling loss	MT	3489	3498	3161	2693	2644	1908	3672	2149	1820	2355	2444	3861	2889	2852	2434	2118	2399	2893
7	Net coal supplied	MT	432639.5	433808.5	391940	333974.6	327813.2	236623.7	455358.9	266436.3	225715.1	292010.3	303047.9	478745	358186.4	353671.5	301775	262653	297428.4	358707
C	**Price**																			
8	Amount charged by coal company	Rs.in Crs	210.28	241.85	217.94	171.98	165.45	108.14	209.60	139.88	132.79	158.72	149.68	246.23	200.56	214.35	166.85	118.16	146.49	170.24
9	Adjustment in amount charged by the coal company	Rs.in Crs	-12.42	-35.97	-41.36	0.75	-25.80	-14.22	-40.13	-20.20	-16.46	-15.84	-6.37	-0.76	-17.60	-31.80	5.46	-1.96	-4.23	-13.12
10	Handling, sampling and such other similar charges	Rs.in Crs	0.34	0.34	0.31	0.33	0.45	0.41	0.41	0.42	0.33	0.41	0.07	0.52	0.40	0.38	0.38	0.39	0.44	0.40
11	Total amount charged (8+9+10)	Rs.in Crs	198.21	206.22	176.90	173.06	140.09	94.33	169.88	120.11	116.66	143.29	143.38	245.99	183.36	182.92	172.68	116.60	142.70	157.51
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.in Crs																		
	By road	Rs.in Crs	5.7897599	5.8151	5.236415	4.123471	4.125338	3.118219	6.143285	3.29451	2.670661	3.467914	3.506046	5.838963	4.418991	4.449439	3.946354	3.372051	3.841916	5.02607
	By ship	Rs.in Crs																		
	...	Rs.in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	5.79	5.82	5.24	4.12	4.13	3.12	6.14	3.29	2.67	3.47	3.51	5.84	4.42	4.45	3.95	3.37	3.84	5.03
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	204.00	212.04	182.13	177.18	144.22	97.44	176.02	123.40	119.33	146.76	146.89	251.82	187.78	187.37	176.63	119.97	146.54	162.54
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4647.527	4819.821	4695.839	5137.625	4615.851	4302.801	3927.950	4311.222	4721.519	4889.221	4863.343	5146.160	5195.056	5246.160	5544.172	5042.810	4971.826	4632.903
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	3686.00	3664.00	3607.00	3862.00	3113.00	2978.00	3015.00	3532.00	4027.00	3593.00	3462.00	4008.00	3859	3828	4163	3498	3735	3781
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg	3627.00	3733.01	3840.15	3756.35	3713.52	3717.56	3398.14	3419.87	3513.30	3542.44	3520.95	3739.12						
27	GCV of Domestic Coal supplied as received at Station	kcal/kg	3425.00	3402.00	3397.00	3238.00	2896.00	2699.00	2763.00	3258.00	3618.00	3252.00	3256.00	3700.00						
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	3391.55	3399.06	3397.58	3281.61	3008.23	2813.11	2770.10	3037.01	3283.15	3265.92	3259.83	3574.47	3667	3828.00	3692	3109	3185	3292.00

Note:
1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor
3 Details to be provided for each source separately. In case of more than one source, add additional column.
4 Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

BTPS

Form 11.1: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	Apr-24		May-24		Jun-24		Jul-24		Aug
			HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO
A	**Opening Quantity**										
1	Opening quantity of oil	KL	3021	525	2863	481	2781	450	2678	397	2600
2	Value ot stock	Rs.in Crs	17.52	4.71	16.60	4.31	16.13	4.04	15.53	3.56	15.08
B	**Procurement**										
3	Quantity of oil suppllied by the oil company	KL	0	0	0	0	0	0	0	0	0
4	Adjustment in oil quantity supplied by the oil company	KL									
5	oil supplied by oil company (3+4)	KL	0	0	0	0	0	0	0	0	0
6	Normative transit and handling loss	KL									
7	Net oil supplied	KL	0	0	0	0	0	0	0	0	0
C	**Price**										
8	Amount charged by oil company	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Adjustment in amount charged by the oil company	Rs.in Crs									
10	Handling, sampling and such other similar charges	Rs.in Crs									
11	Total amount charged (8+9+10)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	**Transportation**										
12	Transportation charges										
	By rail	Rs.in Crs									
	By road	Rs.in Crs									
	By ship	Rs.in Crs									
	...	Rs.in Crs									
13	Adjustment in amount charged by the oil transporter	Rs.in Crs									
14	Demurrage charges, if any	Rs.in Crs									
15	Cost of diesel in transporting oil through MGR system, ifapplicable	Rs.in Crs									
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	**Total Cost**										
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	57989	89784	57989	89784	57989	89784	57989	89784	57989
19	Blending Ratio (Domestic/Imported)										
20	Weighted average cost of oil for preceding three months	Rs./KL									
F	**Quality**										
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre									
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre									
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre									
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre									
25	Weighted average GCV of Oil as Billed	kcal/litre									
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre									
27	GCV of Domestic Oil supplied as received at Station	kcal/litre									
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre									
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre									
30	Weighted average GCV of Oil as Received	kcal/litre									

Note:

	Particulars										
1	Oil Consumption	KL	158.00	44.00	82.00	31.00	103.00	53.00	78.00	20.00	84.00
2	Oil Consumption value	Rs.in Crs	0.92	0.40	0.48	0.28	0.60	0.48	0.45	0.18	0.49
3	Oil Consumption rate	Rs./KL	64914.19		66711.07		68790.69		64477.32		6382

ɟ-24	Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25		Apr-25		May-25	
LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
377	2516	407	2351	413	2293	392	2183	415	2116.51	423.56	2095.51	423.56	2160.87	421.56	2237.95	561.56	2040.75	543.56
3.38	14.59	3.59	13.63	3.54	13.30	3.36	12.66	3.49	12.30	3.52	12.18	3.52	12.71	3.48	13.23201	4.522759	12.05917	4.340471
50	0	74	0	0	0	60	105	50	0.00	0.00	200.36	50.00	96.08	152.00	205.8	54	0	0
50	0	74	0	0	0	60	105	50	0.00	0.00	200.36	50.00	96.08	152.00	205.80	54.00	0.00	0.00
50	0	74	0	0	0	60	105	50	0.00	0.00	200.36	50.00	96.08	152.00	205.80	54.00	0.00	0.00
0.39	0.00	0.53	0.00	0.00	0.00	0.44	0.64	0.37	0.00	0.00	1.33	0.39	0.63	1.14	1.21	0.39	0.00	0.00
0.39	0.00	0.53	0.00	0.00	0.00	0.44	0.64	0.37	0.00	0.00	1.33	0.39	0.63	1.14	1.21	0.39	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.39	0.00	0.53	0.00	0.00	0.00	0.44	0.64	0.37	0.00	0.00	1.33	0.39	0.63	1.14	1.21	0.39	0.00	0.00
88330	57989	85814	57989	85814	57989	84153	58116	83109	58116	83109	58832	82616	59126	80539	59092	79853	59092	79853

9819

20.00	165.00	68.00	58.00	21.00	110.00	37.00	171.00	41.00	21.00	0.00	135.00	52.00	19.00	12.00	403.00	72.00	47.00	0.00
0.18	0.96	0.58	0.34	0.18	0.64	0.31	0.99	0.34	0.12	0.00	0.79	0.43	0.11	0.10	2.38	0.57	0.28	0.00
3.49	66109.19		65385.10		64574.06		62950.01		58116.49		65445.99		67414.72		62238.77		59091.87	

-Sh1-

Jun-25		Jul-25		Aug-25		Sep-25	
HFO	LDO	HFO	LDO	HFO	LDO	HFO	LDO
1993.75	543.56	2383.41	515.56	2296.8	480.56	2310.73	448.56
11.78144	4.340471	14.13551	4.116884	13.63906	3.837399	13.73655	3.581871
461.66	0	143.39	0	289.93	0	252.54	0
461.66	0.00	143.39	0.00	289.93	0.00	252.54	0.00
461.66	0.00	143.39	0.00	289.93	0.00	252.54	0.00
2.78	0.00	0.87	0.00	1.74	0.00	1.50	0.00
2.78	0.00	0.87	0.00	1.74	0.00	1.50	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.78	0.00	0.87	0.00	1.74	0.00	1.50	0.00
59308	79853	59383	79853	59447	79853	59459	79853

72.00	28.00	230.00	35.00	276.00	32.00	182.00	34.00
0.43	0.22	1.37	0.28	1.64	0.26	1.08	0.27
65060.45		62086.45		61566.90		62668.95	

TGGENCO
BTPS
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2024-25			FY 2025-26		FY 2026-27	
			MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/ Tariff Order	Apr - Mar	MYT/ Tariff Order	n+1
			Approved	Audited	Claimed	Approved	Estimated	Approved	Projected
Auxiliary Consumption	AUX	%	8.5	9.97	9.97	8.50	8.5	8.5	8.5
Gross Station Heat Rate	GSHR	kcal/kWh	2318.4	2379.19	2379.19	2318.4	2318.4	2318.4	2318.4
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.29	0.29	0.5	0.5	0.5	0.5
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819	9819	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.07	0.07	0.07	0.06	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	3148	3148	3148	3306	3306	3248	3248
Landed Price of Coal	LPPF	Rs./kg	4.69	4.69	4.69	4.90	4.90	4.68	4.68
Specific Coal Consumption		kg/kWh	0.74	0.75	0.75	0.70	0.70	0.70	0.70
Coal Rate		**Rs./kWh**	3.771	3.937	3.937	3.748	3.748	3.642	3.642
Oil Rate		**Rs./kWh**	0.036	0.021	0.021	0.034	0.034	0.035	0.035
ECR		**Rs./kWh**	**3.807**	**3.958**	**3.958**	**3.782**	**3.782**	**3.677**	**3.677**

TGGENCO
BTPS
Form 13: Sales

FY 2024-25

Beneficiary	Actuals												Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
TGSPDCL (70.55%)	373.07	398.71	368.85	275.91	248.09	206.19	229.87	154.08	270.02	294.14	259.94	308.51	3387.386
TGNPDCL (29.45%)	155.73	166.44	153.97	115.18	103.56	86.07	95.95	64.32	112.72	122.78	108.51	128.78	1414.012
Total	528.80	565.15	522.83	391.09	351.65	292.26	325.82	218.40	382.74	416.92	368.45	437.29	4801.40

FY 2025-26

	Actuals						Estimated						(MU)
Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	315.57	354.28	337.26	270.62	313.82	246.45	453.86	439.22	378.56	453.86	409.94	453.86	4427.31
TGNPDCL (29.45%)	131.73	147.89	140.79	112.96	131.00	102.88	189.46	183.35	158.03	189.46	171.12	189.46	1848.114
Total	447.30	502.17	478.05	383.58	444.82	349.33	643.32	622.57	536.59	643.32	581.06	643.32	6275.42

FY 2023-24
Projected

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	439.22	453.86	390.28	427.50	453.86	439.22	453.86	401.57	416.22	453.86	409.94	453.86	5193.26
TGNPDCL (29.45%)	183.35	189.46	162.91	178.46	189.46	183.35	189.46	167.63	173.74	189.46	171.12	189.46	2167.85
Total	622.57	643.32	553.19	605.96	643.32	622.57	643.32	569.20	589.96	643.32	581.06	643.32	7361.11

Telangana Power Generation Corporation Limited

BTPS - (4 X 270 MW = 1080 MW)

Form 15: Revenue Reconciliation

Financial Year (FY 2024-25)

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month (%)	%	78.35	81.65	79.61	59.34	54.82	46.72	54.07	43.65	65.02	63.54	58.52	68.67	62.86
3	Cumulative Availability (%)	%	78.35	80.03	79.89	74.67	70.65	66.72	64.89	62.28	62.59	62.68	62.34	62.87	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	74.88	77.47	74.34	54.21	48.92	42.41	45.63	31.69	52.95	57.36	56.22	60.26	
6	Cumulative PLF (%)	%	74.88	76.20	75.58	70.15	65.85	62.01	59.63	56.20	55.83	55.99	56.01	56.37	
7	Gross Generation (MU)	MU	582.25	622.49	578.05	435.55	393.11	329.77	366.65	246.39	425.42	460.94	408.01	484.17	5332.80
8	Auxiliary Consumption (MU)	MU	53.45	57.34	55.22	44.46	41.46	37.51	40.83	27.99	42.69	44.02	39.57	46.88	531.42
9	Net Generation (MU)	MU	528.80	565.15	522.83	391.09	351.65	292.26	325.82	218.40	382.73	416.92	368.44	437.29	4801.38
10	Generation above target PLF (MU)	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Variable Charges Per Unit	Rs./kWh	3.340	3.340	3.340	3.340	3.340	3.340	3.340	3.340	3.340	3.340	3.340	3.340	
12	Approved Fixed Charges	Rs. Crore	107.35	107.35	107.35	107.35	107.35	107.35	107.35	107.35	107.35	107.35	107.35	107.35	1288.17
13	Fuel Surcharge	Rs./kWh	3.589	TGYTG	3.622	4.099	4.027	4.024	3.734	3.728	3.767	3.918	3.909	3.766	
14	Fixed Charges During Month	Rs. Crore	98.95	103.19	100.54	74.52	68.92	59.45	68.08	55.58	82.18	80.18	74.44	86.61	952.64
15	Energy Charges Amount	Rs. Crore	124.96	133.54	123.54	92.41	83.09	69.06	76.99	72.94	127.83	139.25	123.06	146.05	1312.75
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	64.85	76.33	65.81	67.89	58.52	48.54	44.68	8.47	16.35	24.10	20.96	18.61	515.12
17	Incentive Amount	Rs. Crore													
18	**Revenue from sale of electricity**	Rs. Crore	**288.75**	**313.07**	**289.90**	**234.83**	**210.53**	**177.05**	**189.76**	**137.00**	**226.36**	**243.53**	**218.46**	**251.28**	**2780.51**
19	**Other recoveries/adjustments**														
	Fuel (savings)/charge year end adjustment	Rs. Crore													**40.28**
	Non-Tariff Income true-up	Rs. Crore													**4.04**
-	Water charges	Rs. Crore													**1.38**
20	**Total Revenue**	Rs. Crore	**288.75**	**313.07**	**289.90**	**234.83**	**210.53**	**177.05**	**189.76**	**137.00**	**226.36**	**243.53**	**218.46**	**251.28**	**2826.21**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													