

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

Office of the
Chief Engineer/Civil/Thermal,
TSGENCO, Vidyut Soudha,
Hyderabad-82.

Proceedings No.CE/C/Thermal/SE.TCD-I/EE3/F.Tech sanction/D.No.280/2018-19,
Dt.14.12.2018

Sub: KTPS-Stage VII (1x800 MW)-Estimates for civil works-Revised technical Sanction-Accorded-Reg.

Ref: 1) T.G.O.O.No.318 (A)/Coal & Commercial/2014, Dt.27.12.2014.
2) Proceedings No.CE/C/Thermal/KTPSD/VII Stage/E1/F.Tech sanc/D.No.37/2015-16, Dt.18.04.2015.
3) T.G.O.O.No.138/Coal & Commercial/2018, Dt.09.11.2018.

Administrative approval was accorded by TSGENCO vide T.G.O.O 1st cited to execute Kothagudem Thermal Power Station VII Stage (1x800MW) at Paloncha, Bhadradri Kothagudem Dist with a total estimated cost of **Rs.5548.44 Crore** including IDC and financing charges. Accordingly, technical sanction of the estimate for **Rs.1375.39 Crore (Rupees One Thousand Three Hundred Seventy Five Crore and Thirty Nine Lakh Only)** towards civil & preliminary works pertaining to KTPS-VII Stage (1x800MW) including CSR works was accorded vide proceedings 2nd cited.

Further, revised administrative approval for Kothagudem Thermal Power Station VII Stage (1x800MW) at Paloncha, Bhadradri Kothagudem Dist was accorded for an amount of Rs.6405.35 Crore including IDC and financing charges vide T.G.O.O 3rd cited. Also, provision for an amount of Rs.913.93 Crore towards civil works of EPC scope and Rs.856.45 Crore towards civil works in non-EPC scope including taxes totaling to Rs.1770.38 Crore is made in the TGOO 3rd cited.

Under the powers delegated vide S.No.1.13 of Delegation of powers vide G.O.O No.270/GM(Adm.)/2003, Dt.24.07.2003 revised technical sanction is hereby accorded to the estimate for **Rs.1770.38 Crore (Rupees One Thousand Seven Hundred Seventy Crore and Thirty Tight Lakh Only)** towards civil & preliminary works pertaining to KTPS-VII Stage (1x800MW) including CSR works as detailed in Annexure including all taxes and is registered as W.E.No. 22-/KTPS-VII Stage/2018-19 of Chief Engineer/Civil/Thermal/Vidyut Soudha/Hyderabad.

The expenditure is chargeable to TSGENCO capital receipts and expenditure, expenditure on capital works of KTPS VII Stage (1x800MW) and connected works W.B.S elements are shown in Annexure-I.

Detailed working estimates shall get approved by the competent authority in respect of lump-sum provision made in the abstract.

Encl: As above

To
The Superintending Engineer/Civil,
Construction, KTPS-VII Stage,
Paloncha-507115,
Bhadradi-Kothagudem Dist.

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14/12/18
CHIEF ENGINEER/CIVIL/THERMAL

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Copy to the:

- [Signature]*
18/12/18
- 1) Chief Engineer/TPC/TSGENCO/Vidyut Soudha, Hyderabad-500082
 - 2) Chief Engineer/O&M/KTPS-I to IV Stages/Paloncha-507115, Bhadradi-Kothagudem Dist
 - 3) FA&CCA (Accounts)/TSGENCO, Vidyut Soudha, Hyderabad-500082.
 - 4) AEE/Tech to Director/Civil/TSGENCO, Vidyut Soudha, Hyderabad-500082.

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Annexure
KOTHAGUDEM TPS Stage-VII (1X800MW)
Revised Project Cost for Civil works

S.No.	WBS ELEMENT	Description	Revised total amount in Rupees Crores
1	T-0010.01.02	Civil works under EPC contract	
	T-0010.01.02	Power house building foundations for boiler, TG, ESP, fan, equipment, transformer yard, mill, bunker, switch yard, control room, CW piping, pump house with channel etc	
	T-0010.01.02	Structural steel including bunker bays	
	T-0010.01.02	Clarifoculator, clarified water tanks including PTP etc	
	T-0010.01.02	Raw Water Reservoir	
	T-0010.01.02	DM plant building with foundations, neutralising sump, condensate storage tanks, DM storage tanks, chlorination plant, CPU	373.53
	T-0010.01.02	LP pipe supports & cooling water pipe supports, cooling tower discharge channel, cable & pipe trenches	
	T-0010.01.02	Miscellaneous plant & non plant buildings like DG building, compressou house, ESP control room, canteen building, service building, security building, watch towers etc including dismantling & fouling of structures	
	T-0010.01.02	Natural Draft Cooling Tower	81.41
	T-0010.01.02	RCC chimney	33.52
	T-0010.01.02	CHP, Coal stock yard, handling, coal conveying with auxiliaries including civil works	178.15
	T-0010.01.02	Ash handling plant with auxiliaries and dry ash storing facilities including civil works, Fly ash utilisation facilities	97.69
	T-0010.01.02	Additional ESP - Civil Works	1.88
	T-0010.01.02	Flue Gas Desulphurization system (FGD) - Civil Works	69.02
	T-0010.01.02	Freight & Insurance including all Taxes and labour cess on item(1)	78.72
	T-0010.01.02	Total Civil works under EPC contract	913.93
2		Civil works under TSGENCO scope (freight & Insurance including all Taxes and labour cess)	
	T-0010.04.03	Ash pond including land acquisition & ash disposal line works including foundations including approach roads Ash water recovery Pump House & Pipeline	109.31
	T-0010.04.05	Plant roads & culverts	5.78
	T-0010.04.09	Township & landscaping, STP for colony, internal roads, drains, water tanks, hostel block etc	400.00
	T-0010.04.06	Laying of approach road at Raw water pump house, Burgampahad	9.83
	T-0010.04.02	Railway siding & marshalling yard	110.00
	T-0010.04.07	Green belt development	5.78
	T-0010.04.08	Soil investigation, drainage, sanitary, sewage system, temporary construction and enabling works, compound wall, repairs to old quarters at O&M, Dismantling of quarters in Security Colony for FGD	10.81
	T-0010.04.04	Rerouting of MS pipe line, Dismantling of GRP pipe line	8.83
	T-0010.05	C&I/Pre-project works such as preliminary survey, Hydrodeological studies, EIA studies, preliminary infrastructural works	0.02
	T-0010.04.01	Dismantling of quarters for main plant, Peripheral compound wall & BT road at Kanakadurga temple, RCC Paving in CHP, UCB Interiors, Belt conveyor for ICHP, compound wall and other miscellaneous works	76.48
	T-0010.07	Training Institute CETD	10.85
	T-0010.02.01	Consultancy services for DPR for Railway siding & Marshalling yard	1.18
	T-0010.04.10	Vocational Training Institute	12.00

	T-0010.04.11	Establishing Training institute under KTPS-VII stage	15.00
	T-0010.04.12	Adminstrative building	3.00
	T-0010.04.13	Simulator building cum training institute	10.00
		Grand Total Civil works under TSGENCO scope	788.88
3		Contingency @ 2.5% of Total works	42.57
4	T-0010.06	CSR development charges	25.00
5		Grand Total Civil works under TSGENCO scope	856.45
Grand Total Civil works= (1)+(2)+(3)+(4)+(5)			1770.38

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CHIEF ENGINEER/CIVIL/THERMAL

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