



Annual Procurement Plan for  
TANAKPUR POWER STATION

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Financial Year : 2022-2023

Values Rs in Lakhs.

A) Procurement of Goods:-							
Sno	Description	Quantity	Unit	Approximate Value	Tender Type	Item Type	Oem/Mou Type
1	Purchase of tools and tackles	1	Lot	1.5	Domestic	Indigenous	Non-OEM
2	Purchase of oil transfer pump	1	Nos.	3	Domestic	Indigenous	Non-OEM
3	Purchase of Hydraulic Pump for Bolt tensioner	1	Nos.	5	Domestic	Indigenous	Non-OEM
4	Purchase of Portable welding fume extractor	1	Nos.	6	Domestic	Indigenous	Non-OEM
5	Purchase of Chain Pulley	1	Lot	6	Domestic	Indigenous	Non-OEM
6	Purchase of Tools & tackle trolley	2	Nos.	1	Domestic	Indigenous	Non-OEM
7	Purchase of Tools and Tackles (Loose tools, Pneumatic tools, Dial gauges/ pressure gauges/other gauges)	1	Lot	3	Domestic	Indigenous	Non-OEM
8	General Consumable items (CAF Gasketts, O Rings, Markin, Cotton waste, Duster, Old Dhoti, and house cleaning materials)	1	Lot	4	Domestic	Indigenous	Non-OEM
9	Welding Electrodes /Welding Accessories (Welding electrodes, Brazing electrodes, soldering items and gas/arc welding accessories)	1	Lot	5	Domestic	Indigenous	Non-OEM
10	Slings for Generator Shaft	2	Lot	2	Domestic	Indigenous	Non-OEM
11	Purchase of various types of pumps	1	Lot	10	Domestic	Indigenous	Non-OEM
12	Drainage & dewatering System- Purchase of Submersible pumps	1	Lot	25	Domestic	Indigenous	Non-OEM
13	Cooling Water System-Motorized valve (size-250mm/10") with starter panel	1	Lot	15	Domestic	Indigenous	Non-OEM
14	Blower- purchase of spares	1	Lot	0.5	Domestic	Indigenous	Non-OEM
15	Other generic hardware / mechanical items - DA & Oxygen gas + freight charges.	1	Lot	2.5	Domestic	Indigenous	Non-OEM
16	Purchase of motors for compressed air system	2	Nos.	5	Domestic	Indigenous	Non-OEM
17	Purchase of Digital Earth Tester	1	Nos.	2	Domestic	Indigenous	Non-OEM
18	Purchase of Process Clamp Meter	1	Nos.	1.5	Domestic	Indigenous	Non-OEM
19	Purchase of Rotor Earth Fault Relay	1	Nos.	6	Domestic	Indigenous	Non-OEM
20	Purchase of 132 KV Isolator (Complete set)	1	Set	10	Domestic	Indigenous	Non-OEM
21	Spares for Stator/Rotor.	1	Lot	5	Domestic	Indigenous	Non-OEM
22	Purchase of Misc items for Power House and Switchyard (MCB, MCCB, Relays, Contactors, Timers etc)	1	Lot	11	Domestic	Indigenous	Non-OEM
23	Purchase of Cables & Wires	1	Lot	20	Domestic	Indigenous	Non-OEM
24	Purchase of Dial Type Thermometers (DTTs)	20	Nos.	10	Domestic	Indigenous	Non-OEM
25	Purchase of stator and rotor Insulation Material	1	Lot	5	Domestic	Indigenous	Non-OEM
26	Purchase of Silica Gel, carbon brush, Limit switch and other consumable items for maintenance of units and GT	1	Lot	5	Domestic	Indigenous	Non-OEM
27	Transformer Oil	4000	liters	4	Domestic	Indigenous	Non-OEM
28	SF6 Gas for 220KV circuit breaker	250	Kg	4	Domestic	Indigenous	Non-OEM
29	PPE (Safety Shoe, Rain, Coat, Helmet, Torch etc )	1	Lot	2	Domestic	Indigenous	Non-OEM
30	Tools & Tackles	1	Set	8	Domestic	Indigenous	Non-OEM
31	Bronze sleeve and roller assembly for gate of barrage	1	Job	10	Domestic	Indigenous	Non-OEM
32	Rubber Seal for Gate of Barrage	1	Job	11.7	Domestic	Indigenous	Non-OEM
33	Nut and Bolt for gate of barrage	1	Job	5	Domestic	Indigenous	Non-OEM
34	WIRE ROPE OF IMPROVED PLOUGH STEEL , 6 X 37 CONSTRUCTION, FIBRE CORE 32 MM DIA.	900	Mtr	5.7	Domestic	Indigenous	Non-OEM

### A) Procurement of Goods:-

35	Welding electrode	1	Job	2	Domestic	Indigenous	Non-OEM
36	Gauging electrode 3.15MMX350MM	100	Kg	0.1	Domestic	Indigenous	Non-OEM
37	Abrasive Cloth roll	20	Rolls	0.18	Domestic	Indigenous	Non-OEM
38	General Consumable (Cutter Pin and Grinding goggle)	1	Job	0.09	Domestic	Indigenous	Non-OEM
39	Gringing Wheel	1	Job	0.66	Domestic	Indigenous	Non-OEM
40	Paint and Thinner	1	Job	2.27	Domestic	Indigenous	Non-OEM
41	Welding accessories	1	Job	0.01	Domestic	Indigenous	Non-OEM
42	Polyster Sling	4	Nos.	0.38	Domestic	Indigenous	Non-OEM
43	General Consumable items for HM Barrage	1	Job	13	Domestic	Indigenous	Non-OEM
44	Welding Electrode MS	7000	Nos.	0.5	Domestic	Indigenous	Non-OEM
45	Computer/Laptop/ Server	5	Nos.	15	Domestic	Indigenous	Non-OEM
46	Printer	10	Nos.	5	Domestic	Indigenous	Non-OEM
47	Online UPS	25	Nos.	2	Domestic	Indigenous	Non-OEM
48	IP Telephone	8	Nos.	1	Domestic	Imported	Non-OEM
49	Software/anti virus	1	Nos.	5	Domestic	Indigenous	Non-OEM
50	TV	7	Nos.	2	Domestic	Indigenous	Non-OEM
51	CCTV Camera	8	Nos.	1	Domestic	Indigenous	Non-OEM
52	PA System	2	Nos.	1	Domestic	Indigenous	Non-OEM
53	Media Convertor/Fiber module	10	Pair	0.5	Domestic	Indigenous	Non-OEM
54	Telephone, Telex and Postage	1000	Mtrs	8	Domestic	Indigenous	Non-OEM
55	Printing and Stationery	1	Job	10	Domestic	Indigenous	Non-OEM
				<b>Sub Total</b>	<b>290.09</b>		

### B) Procurement of Services:-

Sno	Description	Quantity	Unit	Approximate Value	Tender Type	Oem/Mou Type
1	Performing work of dressing levelling, repair of pot holes and removal of weeds/shurbs on both shoulder of power channels and patrolling of power channel from forebay to barrage	12	Month	18	Domestic	Non-OEM
2	Performing work of sweeping/cleaning of Barrage premises, running and maintenance of water supply system, patrolling of both afflux bunds, and other misc. activities required time to time at Tanakpur Barrage site	12	Month	33	Domestic	Non-OEM
3	Hydrographic survey of Tanakpur Barrage reservoir at TPS	30	Each	6	Domestic	Non-OEM
4	Cloud service for EWS	12	Month	7	Domestic	Non-OEM
5	Performing work of day to day / routinemechanical maintence of generating units and their aux of power house.	1	Job	30	Domestic	Non-OEM
6	Repair of Air and oil coolers	1	Job	2	Domestic	Non-OEM
7	Servicing of Governing System	1	Job	5	Domestic	Non-OEM
8	Overhauling of HMC	1	Job	4	Domestic	Non-OEM
9	Annual Maintenance of Units.	1	Job	40	Domestic	Non-OEM
10	Testing of Load lifting equipments, compressor breaker, pressure vessels, fire hydrant pipelines etc.	1	Job	2	Domestic	Non-OEM
11	Performing misc. maintenance works of Powerhouse during annual maintenance of generating unit	1	Job	3	Domestic	Non-OEM
12	Calibration of measuring instruments.	1	Job	1	Domestic	Non-OEM
13	Re babbiting of GGB Pads	1	Job	3	Domestic	Non-OEM
14	Repair of Guide Vanes of Unit # 2	1	Job	22	Domestic	Non-OEM

## B) Procurement of Services:-

15	Performing Work of Trash/Dead Animal Removal from Trash Rack and other Miscellaneous Work at Forbay / Power House	1	Job	11	Domestic	Non-OEM
16	Intake Penstock Gate-Repair/Serviceing of Hydraulic System	1	Job	10	Domestic	Non-OEM
17	Diving Assistance Work	1	Job	3	Domestic	Non-OEM
18	Drainage & Dewatering System- Repair & Maintenance	1	Job	2	Domestic	Non-OEM
19	Cooling Water System - Repair & Maintenance	1	Job	3	Domestic	Non-OEM
20	Penstock Intake Gate-Roller Wheel Assembly-Repair & Maintenance One Set (12 Nos.)	1	Job	9	Domestic	Non-OEM
21	Painting of Fish Belly Gates/ Intake Stop Log Gates /Penstock Intake Gates /Draft Tube Gates/TRC Gates.	1	Job	6	Domestic	Non-OEM
22	EOT Cranes-Annual Maintanace Contract	1	Job	4	Domestic	Non-OEM
23	Repair and maintenance of fire fighting system for Power House and Switchyard	1	Job	4	Domestic	Non-OEM
24	Providing of skilled and unskilled workmen for day to day Electrical Maintenance and providing assistance in Power house operation duty	1	Job	57	Domestic	Non-OEM
25	Repair/AMC/ Calibration of testing & measuring instruments.	1	Job	1	Domestic	Non-OEM
26	Performing day to day cleaning of store premises & store (computer) assistance for central store of Tanakpur Power Station.	1	Nos.	11	Domestic	Non-OEM
27	Routine/preventive/ breake down maintenance and cleaning work of HM structure equipements of Barrage and silt ejector of Tanakpur Power Station.	1	Nos.	66	Domestic	Non-OEM
28	Cleaning of Trash from trash rack, Barrage gate & cleaning of trash rack during pond flushing of monsoon .	1	Nos.	25	Domestic	Non-OEM
29	Providing assistance in Barrage control room during monsoon.	1	Nos.	16.8	Domestic	Non-OEM
30	Providing assistance for Barge and operation of syphon for desilting at Silt Ejector.	1	Nos.	72	Domestic	Non-OEM
31	Repair and Maintenance Computers	1	Set	8	Domestic	Non-OEM
32	Firewall Subscription	1	Nos.	1	Domestic	Non-OEM
33	Telephone, Telex and Postage	22	Nos.	1.25	Domestic	Non-OEM
34	Telephone, Telex and Postage	31	Nos.	2.8	Domestic	Non-OEM
35	Telephone, Telex and Postage	1	Nos.	2.92	Domestic	Non-OEM
36	Telephone, Telex and Postage	1	Nos.	5.18	Domestic	Non-OEM
37	Telephone, Telex and Postage	1	Nos.	3.4	Domestic	Non-OEM
38	Telephone, Telex and Postage	1	Nos.	6.92	Domestic	Non-OEM
39	Telephone, Telex and Postage	1	Nos.	6.92	Domestic	Non-OEM
40	Telephone, Telex and Postage	1	Nos.	12	Domestic	Non-OEM
41	Operational/Running Expenses Of Guest House/Transit Hostel	115	Nos.	5.04	Domestic	Non-OEM
42	Consultancy Charges	1	Nos.	10	Domestic	Non-OEM
<b>Sub Total</b>				<b>542.23</b>		

**Grand Total (A)+(B)= 832.32**