



Annual Procurement Plan for TANAKPUR POWER STATION

Report Generate Date:8/28/2023 3:18:28 PM
Finacial Year : 2023-2024

Values Rs in Lakhs.

A) Procurement of Goods:-

Sno	Description	Quanity	Unit	Approximate Value	Tender Type	Item Type	Oem/Mou Type
1	Purchase of Shaft seal sleeve drum	3	Nos.	2	Domestic	Indigenous	OEM
2	Spares of Governing and OPU system (Spares for HMC, OPU, OLU, Servo motors)	1	Lot	2	Domestic	Indigenous	OEM
3	Spares for HS/Braking and Jacking/CGLS System/Interpad cooling/Brake dust collector	1	Lot	5	Domestic	Indigenous	OEM
4	Purchase of Tools and Tackles (Loose tools, Pneumatic tools, Dial gauges/ pressure gauges/other gauges)	1	Lot	3	Domestic	Indigenous	Non-OEM
5	Lubricants (SP 57, Servo Gem2, HP90, Servo 32)	1	Lot	20	Domestic	Indigenous	MOU Route
6	General Consumable items (CAF Gasketts, O Rings, Markin, Cotton waste, Duster, Old Dhoti, and house cleaning materials)	1	Lot	4	Domestic	Indigenous	Non-OEM
7	Welding Electrodes /Welding Accessories (Welding electrodes, Brazing electrodes, soldering items and gas/arc welding accessories)	1	Lot	5	Domestic	Indigenous	Non-OEM
8	Purchase of Spares for Hydraulic Power Pack/Cylinder	1	Lot	6	Domestic	Indigenous	OEM
9	Purchase of Rubber Seals for Fish Belly Gates/ Intake Stop Log Gates /Penstock Intake Gates /Draft Tube Gates/TRC Gates.	1	Lot	6	Domestic	Indigenous	OEM
10	Spares of Drainage & Dewatering System-VT Pump /Top Cover Drainage System/ DT Pit Drainage System/Bearing/Fire Fighting System	1	Lot	9	Domestic	Indigenous	OEM
11	Purchase of Spares for all the Cranes (EOT / Forebay Monorail Hoist / Draft Tube Gantry/ Wire Rope/ TRC Gates etc.)	1	Lot	6	Domestic	Indigenous	OEM
12	Compressed Air System-Purchase of Spare	1	Lot	9	Domestic	Indigenous	OEM
13	Blower- purchase of spares	1	Lot	1	Domestic	Indigenous	Non-OEM
14	Fork Lifter-Purchase of Spares	1	Lot	1	Domestic	Indigenous	OEM
15	Cooling Water System-Purchase of Spares	1	Lot	5	Domestic	Indigenous	OEM
16	Lubricants (Servo Gem2, HP90, Servo 32)	1	Lot	5	Domestic	Indigenous	OEM
17	General Hardwares, paints etc for switchyard, Epoxy and valves, rubber, PVC Pipes items (Nut-Bolts,valves, pipes and pipe fittings (MS /PVC)MS/SS plates, Angles, Channels, Bars, I-beams, Wire mesh)	1	Lot	15	Domestic	Indigenous	OEM
18	Other generic hardware / mechanical items - DA & Oxygen gas + freight charges.	1	Lot	2.5	Domestic	Indigenous	Non-OEM
19	Spares for Stator/Rotor.	1	Lot	5	Domestic	Indigenous	Non-OEM
20	Purchase of Spare for Static Excitation System.	1	Lot	10	Domestic	Indigenous	OEM
21	Purchase of Misc items for Power House and Switchyard (MCB, MCCB, Relays, Contactors,Timers etc)	1	Lot	11	Domestic	Indigenous	Non-OEM
22	Purchase of Cables & Wires	1	Lot	20	Domestic	Indigenous	Non-OEM
23	Purchase of RTDs	30	Nos.	10	Domestic	Indigenous	Non-OEM
24	Purchase of stator and rotor Insulation Material	1	Lot	5	Domestic	Indigenous	Non-OEM
25	Illumination Items for Power House and switchyard	1	Lot	4	Domestic	Indigenous	MOU Route
26	Purchase of spares for 220KV isolator and earth switch	1	Lot	5	Domestic	Indigenous	OEM
27	PPE (Safety Shoe, Rain, Coat, Helmet, Torch)	1	Lot	2	Domestic	Indigenous	Non-OEM
28	Supply of Polypropylene Rope Tarred Gabion.	1000	Nos.	35	Domestic	Indigenous	Non-OEM
29	Supply of Boulder.	1500	Cum	22.5	Domestic	Indigenous	Non-OEM
30	EWS	1	Lot	18	Domestic	Indigenous	Non-OEM
31	Purchase of diesel and petrol.	96	KI	10	Domestic	Indigenous	MOU Route
32	purchase of insulation tester	1	LOT	6	Domestic	Indigenous	Non-OEM

A) Procurement of Goods:-

33	purchase of 33/11 KV 2 MVA transformer	1	LOT	39	Domestic	Indigenous	Non-OEM
34	Purchase of LED lights	1	LOT	10	Domestic	Indigenous	Non-OEM
35	purchase of feeder pillars	1	LOT	12	Domestic	Indigenous	Non-OEM
36	purchase of AC	1	LOT	10	Domestic	Indigenous	Non-OEM
37	purchase of 33 KV VCB (spare)	1	LOT	10	Domestic	Indigenous	Non-OEM
38	purchase of portable welding machine	1	LOT	2	Domestic	Indigenous	Non-OEM
39	Purchase of 11kV/v3/110/v3Generator VT, LA & Capacitors	1	LOT	15	Domestic	Indigenous	Non-OEM
40	Purchase of HV Surge Arresters	1	LOT	10	Domestic	Indigenous	Non-OEM
41	Purchase of 220kV Complete Breaker Pole	1	LOT	10	Domestic	Indigenous	OEM
42	Purchase of Media Converters and SCADA Network Accessories, etc	1	LOT	15	Domestic	Indigenous	Non-OEM
43	Purchase of LVDT for Governing System	1	LOT	10	Domestic	Indigenous	Non-OEM
44	Spares for Stator/Rotor.	1	LOT	5	Domestic	Indigenous	Non-OEM
45	Purchase of Spare for Static Excitation System.	1	LOT	10	Domestic	Indigenous	OEM
46	Up-gradation of Digital EHGC MaxDNA System in all Generating System.	1	LOT	50	Domestic	Indigenous	OEM
47	Supply, installation, testing and commissioning of MCC for Drainage & Dewatering System.	1	LOT	75	Domestic	Indigenous	Non-OEM
48	Supply, installation testing and commissioning of 11KV SST Panel in Power House.	1	LOT	35	Global	Indigenous	Non-OEM
49	Supply, Installation, testing & commissioning of Automatic Fire Alarm & Detection System in Power House Complex.	1	LOT	45	Domestic	Indigenous	Non-OEM
50	Purchase of Computer Laptop Server etc	1	LOT	15	Domestic	Indigenous	Non-OEM
51	Purchase of Miscellaneous Networking equipment	1	LOT	2	Domestic	Indigenous	Non-OEM
52	Purchase of Printer	1	LOT	5	Domestic	Indigenous	Non-OEM
53	Purchase of Firewall (Sophos Upgradation for 3 years)	1	LOT	3.5	Domestic	Indigenous	OEM
54	Purchase of Video conferencing equipment	1	LOT	5	Domestic	Indigenous	Non-OEM
55	Purchase of Software /Antivirus	1	LOT	5	Domestic	Indigenous	Non-OEM
56	Purchase of biometric attendance mahines and other supporting accessories	1	LOT	12	Domestic	Indigenous	Non-OEM
57	Purchase of IP Telephone	1	LOT	0.25	Domestic	Indigenous	Non-OEM
58	Purchase of PA System	1	LOT	1	Domestic	Indigenous	Non-OEM
59	Purchase of CCTV System	1	LOT	6	Domestic	Indigenous	Non-OEM
60	Purchase of "TV "	1	LOT	1	Domestic	Indigenous	Non-OEM
61	Purchase of "Telephone/Wireless GSM Telephone/Media Convertor/Fiber module "	1	LOT	1	Domestic	Indigenous	Non-OEM
62	PURCHASE OF MISCELLANEOUS ITEMS OF IT &C	1	LOT	5	Domestic	Indigenous	Non-OEM
63	POL for Construction equipments and machinery	1	LOT	3	Domestic	Indigenous	MOU Route
64	Starter batteries for vehicles, construction plant and machinery	1	LOT	2	Domestic	Indigenous	Non-OEM
65	Tyres Tubes and Flaps for vehicles, construction plant and machinery	1	LOT	3	Domestic	Indigenous	Non-OEM
66	Spare parts for construction plant and machinery	1	LOT	9	Domestic	Indigenous	Non-OEM
67	Bikes for CISF	2	No	4	Domestic	Indigenous	Non-OEM
68	Backhoe Loader	1	No	40	Domestic	Indigenous	Non-OEM
69	Tractor with grass cutting attachment	1	No	10	Domestic	Indigenous	Non-OEM
70	Inflatable motor boat	1	No	10	Domestic	Indigenous	Non-OEM
71	Purchase of MS Plate/Angle/channel & SS Flats etc	4	MT	5	Domestic	Indigenous	Non-OEM
72	Purchase of Wheel with Seal & Retainer Plate and PIN etc.	1	LOT	10	Domestic	Indigenous	Non-OEM
73	Purchase of Sealed Speherical roller Bearings	30	No	20	Domestic	Indigenous	Non-OEM
74	Purchase of Bronze Sleeves,Side guide Assembly & its spares.	1	LOT	10	Domestic	Indigenous	Non-OEM
75	Purchase of Side & Bottom rubber Seal, O Ring, V Ring , Rubber packing sheet etc	1	LOT	12	Domestic	Indigenous	Non-OEM

A) Procurement of Goods:-								
76	Purchase of SS/MS/Galvanised/ HT etc type Nut and Bolts/ washer etc	1	LOT	5	Domestic	Indigenous	Non-OEM	
77	Purchase of Coupling, Gear, pinion, shaft, brake assembly, wire rope & other hoist spares etc	1	LOT	10	Domestic	Indigenous	Non-OEM	
78	Purchase of General hardware, consumables, like-Welding electrode, PPEs, sealing material , Bearings etc	1	LOT	18	Domestic	Indigenous	Non-OEM	
79	Purchase of Spares of workshop Tools etc.	1	LOT	4	Domestic	Indigenous	Non-OEM	
80	Purchase of Lubricants like Grease, Gear Oil, compounding etc	600	Kg	6	Domestic	Indigenous	Non-OEM	
81	Repair of Barge	1	LOT	2	Domestic	Indigenous	Non-OEM	
82	Purchase of various type of hose pipe, GI pipes, clamps, nut and bolt, rubber sheet, electrodes etc. other misc. items.	1	LOT	16	Domestic	Indigenous	Non-OEM	
83	Portable Suspended Solid Analyzer/ digital Silt Measurement instrument. (410601)	1	No	4	Domestic	Indigenous	Non-OEM	
84	Electrode Heating Machine/Oven (410601)	1	No	5	Domestic	Indigenous	Non-OEM	
85	Control panel for Barrage gates & head Regulator gate	9	No	12	Domestic	Indigenous	Non-OEM	
86	Purchase of High Mast Lights	1	LOT	10	Domestic	Indigenous	Non-OEM	
87	Purchase of different type of fans, minor value assets	1	LOT	2	Domestic	Indigenous	Non-OEM	
88	Purchase of inverter sets	3	SET	2	Domestic	Indigenous	Non-OEM	
89	Purchase of FCBC battery chargers-24V	2	No	1	Domestic	Indigenous	Non-OEM	
90	Purchase of Multimeters, Earth clamp testers, Tong Tester etc	1	LOT	1	Domestic	Indigenous	Non-OEM	
91	Purchase of Electrical consumable items and cable	1	LOT	5	Domestic	Indigenous	Non-OEM	
92	Purchase of 11VCBs spare parts and service	1	LOT	7	Domestic	Indigenous	OEM	
93	Purchase of Medicine through Annual rate contract for the period of two years	1	LOT	10.5	Domestic	Indigenous	Non-OEM	
94	Purchase of furniture & fixtures for field hostel at TPS Banbasa.	1	LOT	2	Domestic	Indigenous	Non-OEM	
95	Purchase of refrigerators for field hostel.	1	LOT	1	Domestic	Indigenous	Non-OEM	
96	Purchase of Microwave Oven	1	LOT	0.2	Domestic	Indigenous	Non-OEM	
97	Purchase of playground equipments (swings, see-saw, merry go round etc)	1	LOT	1	Domestic	Indigenous	Non-OEM	
98	Purchase of Bush cutters/grass cutters.	1	LOT	0.5	Domestic	Indigenous	Non-OEM	
99	Purchase of water supply maintenance items	1	LOT	16	Domestic	Indigenous	Non-OEM	
100	Purchase of civil items for colony maintenance	1	No	15	Domestic	Indigenous	Non-OEM	
101	Purchase of items related to O&M of Guest house and field hostel	1	LOT	3	Domestic	Indigenous	Non-OEM	
102	Purchase of submersible pump 40HP	1	LOT	1.5	Domestic	Indigenous	Non-OEM	
Sub Total				993.45				

B) Procurement of Services:-							
Sno	Description	Quantity	Unit	Approximate Value	Tender Type	Oem/Mou Type	
1	Performing work of day to day / routine mechanical maintenance of generating units and their aux of power house.	1	Job	33	Domestic	Non-OEM	
2	Repair of Air and oil coolers	1	Job	2	Domestic	Non-OEM	
3	Servicing of Governing System	1	Job	5	Domestic	Non-OEM	
4	Overhauling of HMC	1	Job	4	Domestic	Non-OEM	
5	Annual Maintenance of Units.	1	Job	40	Domestic	Non-OEM	
6	Testing of Load lifting equipments, compressor breaker, pressure vessels, fire hydrant pipelines etc.	1	Job	2	Domestic	Non-OEM	
7	Performing misc. maintenance works of Powerhouse during annual maintenance of generating unit	1	Job	4	Domestic	Non-OEM	
8	Calibration of measuring instruments.	1	Job	1	Domestic	Non-OEM	

B) Procurement of Services:-

9	Repair of Runner Hub	1	Job	22	Domestic	Non-OEM
10	Performing Work of Trash/Dead Animal Removal from Trash Rack and other Miscellaneous Work at Forbay / Power House	1	Job	13	Domestic	Non-OEM
11	Intake Penstock Gate-Repair/Serviceing of Hydraulic System	1	Job	10	Domestic	Non-OEM
12	Diving Assistance Work	1	Job	5	Domestic	Non-OEM
13	Compressed Air System-Serviceing of HP/LP Compressors	1	Job	2	Domestic	OEM
14	Fork Lifter -Serviceing	1	Job	0.25	Domestic	OEM
15	Drainage & Dewatering System- Repair & Maintenance	1	Job	2	Domestic	Non-OEM
16	Cooling Water System - Repair & Maintenance	1	Job	3	Domestic	Non-OEM
17	Penstock Intake Gate-Roller Wheel Assembly-Repair & Maintenance One Set (12 Nos.)	1	Job	20	Domestic	Non-OEM
18	Painting of Fish Belly Gates/ Intake Stop Log Gates /Penstock Intake Gates /Draft Tube Gates/TRC Gates.	1	Job	6	Domestic	Non-OEM
19	EOT Cranes-Annual Maintenace Contract	1	Job	4	Domestic	Non-OEM
20	Repair and maintenance of fire fighting system for Power House and Switchyard	1	Job	4	Domestic	Non-OEM
21	Repair and maintenance with major overhauling TRC gates	1	Job	30	Domestic	Non-OEM
22	Testing of Transformers Oil	1	Job	1.5	Domestic	OEM
23	Serviceing of 220KV isolators and earth switch	1	Job	10	Domestic	OEM
24	Serviceing of 220KV Circuit Breaker	1	Job	10	Domestic	OEM
25	Repair/service charges for repair of Excitation and governor system	1	Job	13	Domestic	OEM
26	Repair/AMC of OTIS Elevator	1	Job	4	Domestic	OEM
27	Repair/AMC/ Calibration of testing & measuring instruments.	1	Job	1	Domestic	Non-OEM
28	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	19	Domestic	Non-OEM
29	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	36	Domestic	Non-OEM
30	Performing work of watch and ward of Automatic water Level Recorder and measurement of velocity of river at Upstream G&D site of Tanakpur Barrage	12	Month	10	Domestic	Non-OEM
31	Hydrographic survey of Tanakpur Barrage reservoir at TPS	30	Each	14	Domestic	Non-OEM
32	Cloud service for EWS	12	Month	8	Domestic	Non-OEM
33	Performing day to day cleaning of store premises & store (computer) assistance for central store of Tanakpur Power Station.	1	Nos.	12	Domestic	Non-OEM
34	hiring of various inspection vehicles	1	LOT	70	Domestic	Non-OEM
35	AMC of construction plant equipment and machinery	1	LOT	6.5	Domestic	Non-OEM
36	R&M of 33/11 KV lines, electrical installation shift duty in operation at DPH banbassa.	1	LOT	30.5	Domestic	Non-OEM
37	AMC of DG set	1	LOT	10	Domestic	OEM
38	AMC of AC & water cooler	1	LOT	15	Domestic	Non-OEM
39	Repair/service charges for repair of Excitation and governor system	1	LOT	13	Domestic	OEM
40	Providing of skilled and unskilled workmen for day to day Electrical Maintenance and providing assistance in Power house operation duty	1	LOT	57	Domestic	Non-OEM
41	Misc R&M Work related to Electrical Maintenance	1	LOT	3	Domestic	Non-OEM
42	Repair and maintenance of fire fighting system of power house and switchyard	1	LOT	4	Domestic	Non-OEM
43	AMC OF CCTV	1	LOT	8	Domestic	Non-OEM
44	AMC OF SERVER BASED IP-PBX	1	LOT	8	Domestic	Non-OEM
45	REPAIR & MAINTENACE OF IT &C EQUIPMENTS	1	LOT	4	Domestic	Non-OEM
46	Operational/Running Expenses Of Guest House/Transit Hostel	1	LOT	6	Domestic	Non-OEM
47	Repair,maintenance and servicing of vehicles, construction plant and machinery.	1	JOB	8	Domestic	Non-OEM

B) Procurement of Services:-

48	Insurance policy renewal of various vehicles.	1	JOB	3	Domestic	Non-OEM
49	AMC of construction plant and machinery (Compressor, Cranes, excavator).	1	JOB	6	Domestic	Non-OEM
50	Survey work with total station 57 numbers bi-reflective target installed at 19 different locations across the barrage structure .	12	Month	7	Domestic	Non-OEM
51	Routine/Preventive/Breakdown maintenance and cleaning of HM structure/ equipments of Barrage and silt ejector of Tanakpur Power Station	1	No	62	Domestic	Non-OEM
52	Performing the work of operation of Barrage HR Gate at Barrage Control Room	1	No	13	Domestic	Non-OEM
53	Performing the work of Barge operation &De-silting by 2 nos of hydro suction line over hoppers of escape tunnels and d/s of silt ejector basin	1	No	62	Domestic	Non-OEM
54	Performing the work of Cleaning of trash from Trash Rack, Barrage Gates & Silt Ejector trash rack during monsoon 2023of TPS	1	No	20	Domestic	Non-OEM
55	Performing the work of R&M of electrical installation at DPH barrage, silt ejector and associated area at DPH barrage & running maintenance including cleaning of work premises at central work shop.	1	LOT	15	Domestic	Non-OEM
56	Performing work of repair and maintenance of electrical installation in TPS campus and operation of shift duty at DPH Banbasa.	1	LOT	24.77	Domestic	Non-OEM
57	Rewiring of Kendriya Vidhyalay and Nursery School at Tanakpur power station.	1	LOT	41.86	Domestic	Non-OEM
58	Pole painting and cable laying and cable end box work	1	LOT	26	Domestic	Non-OEM
59	Rewiring of Admin Building	1	LOT	80	Domestic	Non-OEM
60	Providing assistance to run power station Hospital for the period of 2 years	1	LOT	21.5	Domestic	Non-OEM
61	Upkeeping of residential building	1	LOT	49	Domestic	Non-OEM
62	Providing assistance to mason,carpenter,welder etc.	1	LOT	20	Domestic	Non-OEM
63	House keeping work of field hostel and guest house.	1	LOT	38	Domestic	Non-OEM
64	Maintenance of Park at varieuse locations.	1	LOT	25	Domestic	Non-OEM
Sub Total				1107.88		

C) Procurement of Works:-

Sno	Description	Quanity	Unit	Approximate Value	Tender Type
1	Tanakpur Barrage- Restoration of Launching Apron from bay no 19 to 22 and repair of damaged end sills (dent) at downstream .	4	Months	190	Domestic
2	R&M of right and left afflux bund	4	Months	100	Domestic
3	R&M of Guide bunds	4	Month	50	Domestic
4	Misc. repair and maintenance at Tanakpur Barrage	4	Months	35	Domestic
5	Premix carpeting of Tanakpur side(right afflux bund) road.	4	Months	100	Domestic
6	Repair/restoration of spur/dyke in MES area	4	Months	200	Domestic
7	Misc. repair and maintenance of power channel	4	Months	75	Domestic
8	Insurance policy renewal of various vehicles	1	LOT	3	Domestic
9	Rewiring of Kendriya Vidhyalay and Nursery School at Tanakpur power station.	1	LOT	41.86	Domestic
10	Pole painting and cable laying and cable end box work	1	LOT	21.86	Domestic
11	Rewiring of Admin Building	1	LOT	80	Domestic
12	Reapir of sill beam,glacis and gate grooves	4	Month	35	Domestic
13	Repair and maintenance of toilets in admin building.	1	LOT	8	Domestic
14	Repair and maintenance of speech hall including false ceiling.	1	LOT	12	Domestic
15	Repair and Painting of D-type quarters	1	LOT	15	Domestic
16	Repair and painting of B-type quarters including providing floor and wall tiles.	1	LOT	10	Domestic

C) Procurement of Works:-					
17	Repair and painting of F-type quarters.	1	LOT	30	Domestic
18	Repairing of central store and baundry wall around central store.	1	LOT	15	Domestic
19	Development of front side of VIP guest house	1	LOT	17	Domestic
20	Roof treatment of Hospital building.	1	LOT	2	Domestic
21	Repairing of school building	1	LOT	8	Domestic
22	Premix carpetting of road from Main gate to hospital gate.	1	LOT	19	Domestic
23	Renovation of Fagpur Gate and TRC gate	1	LOT	10	Domestic
24	Providing of RCC slab over drain near turbine park.	1	LOT	6	Domestic
25	Construction of drain from cooling tank to Power Channel	1	LOT	35	Domestic
26	Maintenance of railing at Forebay	1	LOT	5	Domestic
27	Installation of PVC panels in Blinds in Visitor Room of Power House and in Conference Hall	1	LOT	10	Domestic
28	Repair of power house and toilet located in Forbe.	1	LOT	10	Domestic
29	Power House roof treatment work	1	LOT	10	Domestic
Sub Total				1153.72	

Grand Total (A)+(B)+(C)=	3255.05
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