

**DETAILS OF CONTRACTS AWARDED ON SINGLE TENDERS (OES/OEM/PAC/SS ) BASIS -- BTPS**

PERIOD : FEBRUARY, 2021.							
Sl. No.	Name of the Project	Details of Work	Name of the Awardee	Type or Nature of Tenders (Single / Nomination etc.)	Reasons / Justifications	Work Order No. and Date	Value of Contract Awarded
1	BTPS	Procurement of spares (attached in Annexure-1 in addition to L512A Jumbo display) for W.B & RFID system installed at permanent Ash Pond, DVC, BTPS.	M/s Avery India Ltd	Single(OES,OEM)	Two nos. road weigh-bridge & REID system have been installed at Permanent Ash Pond, DVC, BTPS for weighment of Hywas /Dumpers engaged for ash evacuation work from permanent ash pond at BTPS. The OEM of the both the road weigh-bridge & RFID system is M/s. Avery India Ltd. The equipment of the weigh-bridge & RFID system were supplied by M/s. Avery India Ltd.	DVC/Contract/BTPS/CIVIL/C&M/Supply/0003 Dated 01/02/2021	12,15,800.00
2	BTPS	Procurement of Main Turbine governing system Speed protection rack Filter element, Make- MANN+HUMMEL, installed in BTPS-1X500 MW Unit	Mann and Hummel Filter Private Limited authorises POWER TECH CORPORATION	Single(OES,OEM)	Plate type duplex filter installed in speed protection rack of main turbine governing system of BTPS 1*500 Unit and it is critical for healthy functioning of governing system. It is intended to procure spare filter elements from MANN+HUMMEL ,the OEM.	DVC/Contract/BTPS/TG A/C&M/Supply/00105 Dated 19/01/2021	2,44,414.00
3	BTPS	PROCUREMENT OF SPARES FOR PLANETARY GEARBOX SPARES FOR XRP1003 COAL MILL OF BTPS 500 MW UNIT	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES,OEM)	There are altogether Eight Nos. of XRP 1003 coal Mills Installed at BTPS 500 MW unit. Each Mill has a planetary gearbox (PGB). As coal Mills are continuous running equipment and availability of which is vital for generation and PGB is one of it critical subpart, so it is necessary to sufficient stock of aforesaid items to overcome any unwanted situation related to input shaft of PGB and even these items are required during input shaft bearings inspection and replacement which can be done at site.Mode of Tendering: OES/OEM Basis on M/s BHEL SSBG, Kolkata.	DVC/Contract/BTPS/MS-I A/C&M/Supply/00086 Dated 19/01/2021	4,55,250.00
4	BTPS	PROCUREMENT OF BOILER TUBE BENDS INCLUDING LRSB AND SPACER TUBE BENDS FOR BTPS (1X500 MW) UNIT.	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES,OEM)	Indented items viz spacer tube bends, roof tube bends, screen tube bends, rear arch tube bends etc. are installed in different areas of Boiler (1x500 MW) Unit. As ash content is high in Indian coal which causes erosion of tubes by flue gas. With continuous usage over the years, considerable reduction in thickness of the tubes occurs which requires replacement of the damaged part to avoid tube leakage in future. During overhauling of the unit, thickness survey (de-metering) of pressure parts has to be done and replaced if required. So, too much pressure parts has to be replaced during overhauling of Boiler. However, Pressure parts were supplied under mandatory spares package by BHEL, but items viz spacer tube bends, roof tube bends, screen tube bends, rear arch tube bends etc. were not included under mandatory spares package. Overhauling of BTPS (1x500 MW) Unit will be done in May 2020. It is necessary to procure adequate quantity of the Boiler tube bends to fulfill the requirement during overhauling of the Boiler. Also required to attend leaky tubes as and when required in minimum time to ensure availability of the unit. As the Boiler tube bends are very critical in nature, if any leakage occur in bend tube it will eventually cause pressure loss in the system and badly affects generation of the Unit.	DVC/Contract/BTPS/MS-I A/C&M/Supply/00085 Dated 16/01/2021	48,30,650.00
5	BTPS	Procurement of Steel material (Capital item) for different section of DVC, BTPS.	Steel Authority Of India Limited, Bokaro	Single(PSU)	Based on requirement received from different section of BTPS,procurement action for steel materials has been initiated on current budgetary offer rate of M/s SAIL,Bokaro.It is proposed to procure the aforesaid items from M/s SAIL,Bokaro on single(PSU) basis..	DVC/Contract/BTPS/MPC A/C&M/Supply/00024 Dated 23/01/2021	25,45,200.00

6	BTPS	Procurement of Steel material (capex material) for different section of DVC, BTPS.	Steel Authority Of India Limited, Bokaro	Single(PSU)	Based on requirement received from different section of BTPS,procurement action for steel materials has been initiated on current budgetary offer rate of M/s SAIL,Bokaro.It is proposed to procure the aforesaid items from M/s SAIL,Bokaro on single(PSU) basis..	DVC/Contract/BTPS/MPC A/C&M/Supply/00026 Dated 23/01/2021	62,23,000.00
7	BTPS	Procurement of steel for Different sections of DVC, BTPS.	Steel Authority Of India Limited, Bokaro	Single(PSU)	Based on requirement received from different section of BTPS,procurement action for steel materials has been initiated on current budgetary offer rate of M/s SAIL,Bokaro.It is proposed to procure the aforesaid items from M/s SAIL,Bokaro on single(PSU) basis..	DVC/Contract/BTPS/MPC A/C&M/Supply/00025 Dated 23/01/2021	37,67,550.00
8	BTPS	Spares for Voith Digital Solutions India Pvt. Ltd. make I/H- CONVERTER for TDBFPs BTPS A 1*500 MW, DVC	VOITH DIGITAL SOLUTIONS INDIA PRIVATE LIMITED	Single(OES,OEM)	The speed of the TDBFPS is controlled by I/H Converters.In BTPS A the I/H converters are supplied by M/s Voith Digital Solutions India Pvt.Ltd.The OEM.To get better performance oand reliability of operation of the system,it is felt to keep minimum spares in hand and so it is proposed to procure the quantity as mentioned in demand note on OEM basis for exact retrofit % technical requirement of scheme.	DVC/Contract/BTPS/C&I A/C&M/Supply/00080 Dated 11/02/2021	7,32,000.00
9	BTPS	Supply of M/S ENDRESS+HAUSER make Level Transmitters for CW-ACW Basin level, TDBFP Lub-Oil Tank level, CPU Storage Tank & Acid-Alkali Tank level, HFO and LFO Tank Level & AHP Slurry level for BTPS (1X500 MW)	M/S ENDRESS + HAUSER (INDIA) PRIVATE LIMITED., Mumbai Office	Single(OES,OEM)	These Transmitters are retrofit and one to one replaceable during servicing and replacing of the corresponding transmitters, hence downtime is very less, so we are going to procure these transmitters.To get better performance and reliability of operation of the system it is felt to keep minimum spares in hand, and so it is proposed to procure the quantity as mentioned in demand note on OEM basis for exact retrofit & technical requirement of scheme.	DVC/Contract/BTPS/C&I A/C&M/Supply/00081 Dated 12/02/2021	10,30,436.00
10	BTPS	Supply of Spare Moisture Measuring Probe/ Dew Point Sensor for Generator Gas for BTPS A, 1*500 MW	Glotex Solutions Pvt. Ltd	Single(OES,OEM)	Hydrogen dew point measurement system is essential to monitor desire moisture value of hydrogen gas otherwise it may lead to generator component failure and explosion may take place in generator rotor. To get better performance and reliability of operation of the system, it is felt to keep minimum spares in hand and so it is proposed to procure the quantity as mentioned in demand note on OEM basis for exact retrofit & technical requirement of scheme.	DVC/Contract/BTPS/C&I A/C&M/Supply/00079 Dated 15/02/2021	1,95,000.00

11	BTPS	Supply of ABB make numerical relays of different type for 415 V transformer and motor feeders pertaining to OPH (E) of 1X500 MW unit, DVC BTPS	ABB India Ltd. Authorises Hindusthan Suppliers	Single(OES,OEM)	A good number of 415V breaker modules of different rating which are in continuous service for supplying power to different equipments /feeders installed at different area pertaining to OPH (E) and CHP(E) under ES-II section of 1X500 MW unit. These breakers work in coordination with relays for isolation of healthy part in case of any fault /flashover etc. These relays are basically the primary device which acts first to sense the fault and give signal to breaker to trip and isolate the faulty system and to minimise the damage to the other associated equipment connected to the circuit breaker. Thus these relays are very important from protection point of view. The relays to be procured are used in different LT breaker modules such as incomer, bus coupler, and motor feeders. The indented item (electro mechanical relays) will be used for the replacement of the damaged one to avoid outage of the equipments/panel, exigency and the rest will be kept as critical spare/mandatory spare. All these relays installed under OPH (E) & CHP (E) are of M/s ABB INDIA make. Therefore its felt necessary to procure these new relays from the OEM as it will be best fitted on 1:1 ratio on the old base when it will be supplied by the OEM.	DVC/Contract/BTPS/ES-II A/C&M/Supply/00075 Dated 20/02/2021	1,34,745.00
12	BTPS	Procurement of spares for instrumentation limited control valves for BTPS-A 500MW plant.	M/s INSTRUMENTATION LIMITED	Single(OES,OEM)	Indented items are the spares for the various control valves of Fuel pump house and fuel oil station at boiler floor BTPS-A (1x500 MW) Unit. So it is felt prudent to take procurement initiative of these spares so that requirement for running maintenance of the same as & when required can be fulfilled. Spares are mostly consumable in nature and they need replacement in every occasion when the valves are taken for servicing or as and when required. Considering the above fact, quantity proposed to be indented may be considered as justified. Also considering the criticality of the control valve it is proposed to procure valve's spare from OEM i.e Instrumentation limited.	DVC/Contract/BTPS/MS-I A/C&M/Supply/00092 Dated 27/02/2021	3,86,885.00
13	BTPS	Procurement of spares of Different Pumps in CASS	SAM TURBO INDUSTRY PRIVATE LIMITED authorises Unicon Techno Solutions Pvt. Ltd.	Single(OES,OEM)	Fly and bottom Ash evacuated from boiler and ESP of both BTPS,500MW Unit and BTPS-B plant are discharged to CASS from where they are further discharged to Ah pond by Ash Slurry Pumps.In all there are 20nos of Ash Slurry Pumps,05 nos OF HP Ash Water Pumps,03 nos each of LP & HP seal water pumps,2nos of ACW & Seal water transfer pumps for CASS.Spares of these pumps are prone to rapid wear causing various problems like slurry,water and oil leakage.Hence it is proposed to procure the items as per BUS to avoid any unforeseen situation.The assessed quantity to be procured is minimum considering total no of pumps in service and procurement lead time.It is therefore proposed for procurement of the indented items on OEM basis from M/s Unicon Techno Solutions Pvt. Ltd. (Dealer of M/s SAM TURBO INDUSTRY PRIVATE LIMITED)	DVC/Contract/BTPS/AHP/C&M/Supply/00047 Dated 27/02/2021	1537620
14	BTPS	Procurement of Siemens make 415V Air Circuit Breaker pertaining to CASS of DVC BTPS	Siemens Ltd. Authorises MIRC ELECTRO TRADE PVT LTD	Single(OES,OEM)	The existing 415V Air Circuit Breaker are of siemens make. Hence for exact fitment and interchangeability, the procurement from OEM is felt very much essential.	DVC/Contract/BTPS/ES-I A/C&M/Supply/00077 Dated 27/02/2021	1095528
15	BTPS	PROCUREMENT OF O-RING & OIL SEAL FOR JOURNAL ASSEMBLY OF COAL MILL XRP-1003,1X500MW, BTPS.	S S rubbers Pvt Ltd	Single(SS,SS,Other than PSU)	Considering the criticality and past experience at BTPS as well as from other stations of DVC, SS rubber was source standardised for oil seals and o ring of journal assembly in BTPS.Hence, procurement action is being initiated on Single Tender Basis	DVC/Contract/BTPS/MS-I A/C&M/Supply/00091 Dated 27/02/2021	266004
16	BTPS	Procurement of Pressure Regulator and Pressure reducing Valve Installed in Hydrogen and Nitrogen Feeding Station of BTPS-A (1X 500 MW), DVC	Honeywell Automation India limited authorises POWER TECH CORPORATION	Single(OES,OEM)	The pressure regulator and pressure reducing valves are installed in hydrogen feeding station for Generator and Nitrogen feeding station for primary water system of BTPS-A(1*500MW) Unit..Pressure regulator and pressure reducing valves were critical in nature.Improper functioning of said regulators hampers directly the plant generation.So, it is felt prudent to procure pressure regulator and pressure reducing valves, to minimize equipment downtime as well as for smooth functioning of the system as a whole on OEM basis from M/s POWER TECH CORPORATION.(Dealer of M/s Honeywell Automation India limited )	DVC/Contract/BTPS/C&I A/C&M/Supply/00082 Dated 27/02/2021	870200
17	BTPS	Annual Maintenance Contract(ARC) of M/s Hitachi Hi-Rel make online UPS Systemfor Main Package System, AHP Package System & SILO ,Fire Fighting System ,DMPlant Package System and CHP Package System of BTPS -A,DVC On OEM basis for Two years Comprehensive Type.	Hitachi Hi-REL Power Electronics Pvt. Ltd.	Single(OES,OEM)	M/s Hitachi Hi-REL Power Electronics Pvt. Ltd is the OEM of the UPS.This UPS are in service from the commissioning period so the maintenance of the UPS is undertaken by M/s Hitachi Hi-REL Power Electronics Pvt. Ltd only for reliability and safety of the equipment.This job is much specialized in nature.We are not aware of existence of any competent agency in the market to take of the UPS maintenance job.	DVC/Contract/BTPS/C&I A/C&M/Works and Service/00018 Dated 10/02/2021	3013520

18	BTPS	DEPUTATION OF SERVICE EXPERT FOR TECHNICAL SUPERVISION/INSPECTION/OVERHAULING OF CONDENSER VACUUM PUMPS (02 NOS.) INSTALLED IN BTPS 500 MW UNIT DURING SHUT DOWN OF TURBINE IN THE UPCOMING OVERHAULING OF BOILER	M/s Gardener Denver Nash. Authorises MILLENNIUM ENTERPRISE	Single(OES,OEM Other than PSU or Govt Org.)	Two (02) nos. condenser vacuum pumps are installed in BTPS-1x500 mw unit. These pumps are critical in maintaining vacuum in condenser and directly linked to unit generation. Both pumps have been operating for last 04 years. Accordingly, it is being planned to carry out servicing of these pumps. We do not have the requisite expertise to carry out the servicing jobs of pump. Hence, considering the above, it is being planned to carry out the inspection and servicing of both pumps by deputing service expert from OEM. Hence work of supervision for Inspection/Serviceing /Overhauling of condenser vacuum pumps (02 NOS.) by engaging service personnel of the OEM M/s Gardener Denver Nash. M/s Millennium Enterprise is authorize dealer of M/s Gardener Denver Nash.)	DVC/Contract/BTPS/TG A/C&M/Works and Service/00020 Dated 20/02/2021	562000
19	BTPS	Annual Service Contract for ARC for periodic servicing/ maintenance of 220V/425A (02 nos), 24V/20A(02 nos) and 24V/40A(02 nos) Battery Charger of CHHABI make,pertaining to 1 x 500 MW unit of DVC, BTPS	Chhabi Electricals Private Limited	Single(OES,OEM)	M/S CHHABI ELECTRICALS PRIVATE LIMITED is the manufacturer of these Battery Charger and M/S CHHABI ELECTRICALS PRIVATE LIMITED being OEM, is having expertise to carry out the proposed job.As the job of servicing/maintenance is of specialised in nature, trained technical service personnel will be required for servicing of the Battery Charger to maintain the healthiness of the Charger and as well as 220V DC system and 24V control system (DG Set). Therefore, work is done by OEM, M/S CHHABI ELECTRICALS PRIVATE LIMITED having expertise for the same to carry out the subject job.	DVC/Contract/BTPS/ES-1 A/C&M/Works and Service/00037 Dated 27/02/2021	120950