

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

PERIOD : JULY, 2022.		PURCHASE ORDERS					
Sl.No.	Name of the Project	Details of Work	Name of the Awardee	Type or Nature of Tenders (Single / Nomination etc.)	Brief Reason for Single Tender / Nomination etc.	Work Order No. and Date	Value of Contract Awarded
1	BTPS	Procurement of spares for BHEL make 210KW conveyor motor of 1*500MW unit of DVC BTPS on OEM basis from M/s BHEL.	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES, OEM)	There are four nos. of 210KW conveyor belt motors (3.3KV,frame size-ILA4314-4,SI No-44152A-401-11-01,Amp-46,Rating-210 KW of M/s BHEL make) two no. installed at conveyor 15A/15B and two no. installed at conveyor 16A/16B in CHP of 1x500 MW Unit of DVC.BTPS these conveyor belts are always in service for feeding the coal to the bunker. Outage of any of these equipment has direct impact on generation of the unit. Minimum spares for the motor is always needed to ensure the availability for immediate replacement in case the motor became out of service because of its spare part damage/defective. Therefore it's felt necessary to propose to procure minimum spares for the motor from the OEM i.e. M/s BHEL as the same will be best fitted on 1:1 ratio in all respect.	DVC/Contract/BTPS/ES-II A/C&M/Supply/00123 Dated 08/07/2022	8,56,000.00
2		PROCUREMENT OF DOME VALVE SPARES FOR ASH HANDLING PLANT,1X500 MW, BTPS	M/s MACAWBER BEEKAY PRIVATE LIMITED	Single(OES, OEM)	There are altogether 64 nos. of 150NB dome valves installed below ESP hoppers for evacuation of Fly ash. There are 16 nos. of rows in ESP and each row has 10 nos. of the hopper. 150NB dome valves are fitted in the first 4 hoppers from the flue gas entry side of each row.These valves are being operated more than once a minute as per the vacuum of the ash extraction line to evacuate ash from ESP hoppers to the Fly ash extraction tower. Erosion of these valves is also on the higher side as the same is facing highly erosive coarse ash. Erosion of valve parts i.e. Dome, top plate, spigot, etc. leads to malfunctioning of the valve as well as non-evacuation of ash from the hopper. Indented spares are required for servicing of valves and to ensure proper ash evacuation from ESP. In view of the aforementioned facts, it is felt prudent to procure aforesaid items from M/s. MACAWBER BEEKAY PVT. LIMITED through a single Tender basis for sustain and reliable generation with proper ash evacuation.	DVC/Contract/BTPS/AHP/C&M/Supply/00065 Dated 27/07/2022	1,93,300.00

3		PROCUREMENT OF SPARES FOR FIRE PUMPS OF BTPS 1X500 MW	M/S WPIL LIMITED	Single(OES, OEM)	<p>There are altogether 5 nos, of pumps (make WPIL) having capacity of 4m³/hr and head of 120m are installed in the fire pump house of BTPS 1X500MW unit and each pump is equipped with one set of indented item. Fire pump is required to run as and when required. The indented items are FTP in nature and since these are continuous in service and there wear and tear is more. To meet any emergency situation, the indented items will be utilized in replacing the damaged items. Also it is worth mentioning here that these pumps are directly related to fire protection package and the reliability of the pump to supply adequate water at required pressure depends on the healthiness of these pumps. In view of the above the indented items are required to maintain these pumps as and when required. Procurement shall be done on the OEM basis from M/S WPIL Ltd.</p>	GEMC- 511687774862343 dt.05.07.2022(DVC/Contract/BTPS/MS-II A/C&M/Supply/00017 Dated 08/07/2022)	6,95,884.04
4		Procurement of spares of ACW pump-Size-35H;Stage-1;Capacity:3650 M ³ /Hr;Total Bowl Head:42.2 Mtr ;RPM:991 Make: Flowmore Ltd. for BTPS(1X500MW)	M/S FLOWMORE LIMITED authorises M/s FLUID TECH AGENCIES	Single(OES, OEM)	<p>There are two nos of ACW Pumps Size-35H;Stage-1;Capacity:3650 M³/Hr;Total Bowl Head:42.2 Mtr ;RPM:991 Make: Flowmore Ltd. for BTPS(1X500MW) installed at CW pump house out of which one no of ACW Pump running continuously to maintain the temperature of cooling water for auxiliary equipments of TG & Boiler side through heat exchangers which in turn aims in stable running of different auxiliaries to sustain steady generation of the unit. Outage of this equipment has direct impact on generation of the unit. Mode of Tendering: Single tender, on OEM basis from M/S FLOWMORE LIMITED.</p>	GEMC- 511687776072080 Dated 13/07/2022(DVC/Tender/BTPS/MS-II A/C&M/Supply/00018)	8,60,901.00
5		Procurement of HP & LP Screw Element for main plant compressor, Make- ATLAS COPCO for BTPS 1X500 MW Unit.	ATLAS COPCO INDIA LTD	Single(OES, OEM)	<p>Instrument and service air compressors, total four nos., two nos. each respectively are installed in BTPS 500MW unit. It ensures the moisture free quality air supply to all pneumatic instruments of the plant as well as for other services related to maintenance works. HP & LP screw element are the vital part in which the compressed air is produced. In case of any damage to these elements, it will render the compressor unavailable. This will jeopardize the smooth running of unit. Considering the criticality of the above it is being intended to procure HP & LP screw element of the main plant compressor. The indented items will be utilized to meet any exigency and also in case of any breakdown/overhauling requirement. Mode of Tendering: Single tender, on OEM basis from M/S ATLAS COPCO.</p>	DVC/Contract/BTPS/TG A/C&M/Supply/00123 Dated 19/07/2022	54,18,233.45

6		PROCUREMENT OF FEED GATE ASSEMBLY FOR BOTTOM ASH HOPPER PERTAINING TO ASH HANDLING PLANT, 1x500 MW, BTPS.	M/s. MACAWBER BEEKAY PVT. LIMITED	Single(OES, OEM)	<p>Bottom ash is incombustible by-products that are collected from the bottom of furnaces that burn coal in boiler. Water impounded Hopper (WIH) is being used at BTPS for collection of bottom Ash and accumulated clinker lumps get crushed to small sizes by clinker grinders. A hydro-pneumatic feed gate is fitted between water impounded hopper and clinker grinder for isolating bottom ash/clinker from Clinker grinder.it is pertinent to mention that deashing of Water impounded hopper is being done once in 8 hours (once in a shift). Consistent operation of Feed gate is very much required for proper evacuation of Bottom Ash hopper.</p> <p>Considering the aforementioned facts, it is proposed to procure one no. of FEED GATE ASSEMBLY to meet any exigency and as an assembly replacement to ensure availability of system in less time and better working of bottom ash evacuation system.Single tender on OEM basis has been chosen for better fitment, interchangeability and reliability.</p>	GEMC-511687739927754 Dated 29/07/2022(DVC/Contract/BTPS/AHP/C&M/Supply/00066)	19,37,796.00
					WORK ORDERS		
	Name of the Project	Details of Work	Name of the Awardee	Type or Nature of Tenders (Single / Nomination etc.)	Brief Reason for Single Tender / Nomination etc.	Work Order No. and Date	Value of Contract Awarded

	BTPS	Comprehensive overhauling/ servicing of Air Circuit Breaker of Make: L&T of different rating pertaining to OPH (E) of 1X500 MW unit, DVC, BTPS	Schneider Electric India Private Limited	Single(OES, OEM)	<p>There are all total 19 numbers electrically operated air circuit breaker (ACB)s with 415 V AC supply installed for provision of power supply to the equipments, individual MCC boards ,incomer power supply to various distribution boards at various area such as PT plant, Filter water pump house, Chemical house ,intake pump house, reactive clarifiers ,Sludge pump house , DM plant of OPH (E) of 1X500 MW unit under ES-II section .All these ACB modules installed at the above mentioned are under OPH (E) are of M/s L&T make. These breakers are getting old day by day and are subjected to perform continuous duty with frequent ON-OFF operation as per system requirement. These breakers are in service since the inception of 1X500 MW unit required to be overhauled and serviced periodically to ensure smooth and trouble free running of the same to reduce the frequency of their failure & contribute to stability of the unit/station generation. The opportunity based overhauling/servicing of these breakers could be possible to be carried out in unit running condition with shutdown of the particular equipment and during forced/planned shutdown of the unit. The failure of these breakers could be reduced considerably with implementation of periodic overhauling/servicing which in turn ensure the un-interrupt power supply to the respective feeders.</p> <p>The departmental strength and infra-structure is in-sufficient to carry out such expertise job, hence it is proposed to engage the OEM preferably, M/s L&T Ltd or any of its authorised service centre agency if authorized at the time of submitting the quotation of the OEM, to carry out the proposed job.</p>	DVC/Contract/BTP S/ES-II A/C&M/Works and Service/00070 Dated 26/07/2022	1,11,100.00
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