

DETAILS OF CONTRACTS AWARDED ON SINGLE TENDERS (OES,OEM) BASIS

PERIOD : OCTOBER, 2023.

PURCHASE ORDERS

SI No.	Name of the Project	Details of Work	Name of the Awardee	Type or Nature of Tenders (Single / Nomination	Brief Reason for Single Tender / Nomination etc.	Work Order No. and Date	Value of Contract Awarded	Related DFP under which the Work has been awarded	Status of Work
1	BTPS	Procurement of M/s BHEL make 11KV and 3.3 KV VM12, vacuum circuit breaker installed at various location of OPH & CHP of DVC BTPS on OEM basis.	Bharat Heavy Electricals Limited,ROD Ranchi	Single(OES,O EM)	There are a total of several numbers of 11KV and 3.3KV BHEL make HT vacuum circuit breakers installed to feed power to HT Motors and transformer feeders which are in service since inception of unit and subject to periodic switching operation, schedule change over due to preventive maintenance schedule and due to breakdown maintenance etc. The above breakers need to be always in healthy condition and to be kept available to sustain the unit generation as these breakers are required to feed power to the transformers and motors. Due to ageing and switching operations of these breakers few mechanical components tends to deteriorate and sometimes gets completely damaged resulting in unavailability of the respective feeders and thus effecting the generation. Therefore, a minimum quantity of each type of breakers need to be always available so that the immediate replacement can be done with in minimum time period. So considering all the above mentioned conditions, the procurement of Breakers is very much essential and the quantity to be procured is kept minimum. M/S BHEL is the OEM of 11KV and 3.3KV VM12 vacuum circuit Breaker. Hence for proper retrofitting with 1:1 interchangeability the breakers from OEM is felt very much essential.	GEMC-511687703556150 dated 30-09-2023 (DVC/Contract/BTPS/ ES-II A/C&M/Supply/00152) Dated 07/10/2023	5871975.00	7.3(i) of DFP Generation(O & M) AND System, 2015	---

Purchase Order from BTPS for HQ

1	BTPS	Procurement of Complete BFP Recirculation valve assembly, Model- 87-79003 with Actuator & Modulating Control Digital Hart Positioner, 8", 2500 BW, Anti cavitation Stack design complete with Pneumatic Actuator and accessories	SAPS POWER EQUIPMENTS PVT. LTD	Single(OES,O EM)	BFP recirculation valve - Total 03 valves are installed, One in MDBFP & Two others in TDBFP. It ensures minimum flow through the pump thereby increasing the required NPSH for safe operation of pump. In case of passing through these valves due to defect in any of the trim set of valves, the flow loss through BFP will occur and pump shall operate beyond the BEP(Best Efficiency Point). Ultimately feed water requirement shall not be met as per MS flow demand as required to maintain desired load. As such, load shall be sacrificed. Also, these types of valves are nowhere installed in any other 500 MW projects of DVC. Therefore, one complete assembly of BFP Re-circulation valve if kept readily available at site, then it shall be beneficial towards mitigating the aforesaid mentioned problems. The modular valve assembly can be replaced with the defected one and later the defected valve can be refurbished by replacing the damaged valve internal. Hence, considering the above facts, it is felt pertinent to keep one (01) no. water injection and BFP re-circulation valves. It is also to mention that these valves are already included in the list of CAPEX items per office order EDCON/OS&U/Capital Spares/2022/26 dated 26.07.2022 (under TG & Auxiliary of Boiler Feed Pump). This item is also included in the list of OEM/OES issued by HQ.	(GEMC- 511687714668201) / (DVC/Contract/Head Quarter/TG A/CMM/Supply/00004/Capital) Dated 27/10/2023	9891940.00	2.3(i) of DFP C&M	---
2	BTPS	Procurement of different pumps pertaining to Ash Handling Plant of BTPS 1X500 MW	Unicon Techno Solutions Pvt. Ltd.	Single(OES,O EM)	HP water pump – 2 nos. (1W+1S) – Model SVN 8X25, Economiser water pump – 02 nos. (1W+1S) – Model - 5MD 80/205, Sump Drainage pump – 04 nos. (02 W+2S) - Model - VG 50/260+TCH+N, Seal Water Pump – 02 nos. (1W+1S) – Model - TPS 100/500(5VO), HP Seal Water Pump – 03 nos.(1W+2S) – Model - 8 MD 80/205, LP Seal Water Pump – 03 nos.(1W+2S) – Model - 7 MD 100/250 are essential for the continuous running of Ash Handling plant. All the above-mentioned pumps are also included in the Critical Spare list and a minimum of 01 (One) no. is to be kept in hand. Also, the complete assembly of the mentioned pumps are included in the list of CAPEX item as per OM EDCON/OS&U/Capital Spares/2022/26 Dated 26.07.2022. In view of the above it is proposed to procure 1 complete assembly of the above-mentioned pumps installed in AHP BTPS 1X500 MW. These item are also included in the list of OEM/OES issued by HQ.	Contract No: GEMC- 511687786772709 Generated Date: 31-Oct-2023, DVC/Contract/Head Quarter/AHP/CMM/Supply/00031/Capital Dated 31/10/2023	4129780.00	2.3(i) of DFP C&M	---

WORK ORDERS

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