

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

PERIOD : OCTOBER, 2021.		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	Supply of Complete Current Transformer of 400 KV GIS at DVC, BTPS	Hyosung T & D India Pvt Ltd	Single(OES,OEM)	400 KV Switchyard have been commissioned in the year of 2014 under consultancy services of Power grid Corporation of India limited. To maintain the inventory at site, Current Transformer is required to purchase from OEM/OES to minimise the shutdown period and reduces the commercial loss of Organisation.	DVC/Contract/BTPS/E S-II A/C&M/Supply/00096 Dated 01/10/2021	17,20,500.00
2	BTPS	PROCUREMENT OF SPARES FOR DRY FLY ASH AND CLINKER GRINDER PERTAINING TO AHP 1x500MW, BTPS.	M/s. MACAWBER BEEKAY PVT. LIMITED	Single(OES,OEM)	Procurement of spares from OEM for better fitment & interchangeability, required for normal maintenance as well as emergency against failure to cope up the high lead time of procurement, delivery period and expected consumption in the near future.	DVC/Contract/BTPS/A HP/C&M/Supply/00058 Dated 08/10/2021	18,04,050.00

3	BTPS	PROCUREMENT OF BUTTERFLY VALVES FOR ASH HANDLING PLANT, 1X500 MW, BTPS	TRILLIUM FLOW TECHNOLOGIES INDIA PRIVATE LIMITED	Single(OES,OEM)	Present stock of indented quantity is zero .The said item was first time procured in the year 2018 and Moving average of same is less as consumption was nil in 2nd & 3rd year. It is pertinent to mention that Moving average of items is arithmetical average of consumption during last three years.Therefore,proposed quantity is justified considering stock position & lead time of procurement through normal tendering.BUTTERFLY VALVES installed in ash handling plant are made of M/s WEIR BDK VALVES Unit of Weir India Pvt Ltd, which is presently taken over by M/s TRILLIUM FLOW TECHNOLOGIES INDIA PRIVATE LIMITED.	DVC/Contract/BTPS/AHP/C&M/Supply/00059 Dated 18/10/2021	3,75,630.00
4	BTPS	Procurement of recommended critical spares of Control Fluid Pump, for BTPS 500 MW on OEM basis from M/s KSB ltd.	M/s. SAN ASSOCIATES	Single(OES,OEM)	There are 02 nos. of Control fluid Pumps installed in TG area of BTPS 500 MW unit. These pumps provide oil for governing system, which in turn is required for operation of stop valves, control valves, NRVs and various other equipments in governing system. One no. pump always remains in operation and other one is kept in standby mode. Hence availability as well as reliability of these pumps is required to be ensured for smooth running of units. Considering the criticality, indented spares are also included under approved critical spare list of TG & Aux which is required to be maintained at site to cater any unforeseen situation (copy enclosed). It is also to mention that present stock of Indented items are nil and are being procured for the first time. In view of above mentioned facts it is proposed to procure the spares of Control Fluid Pump Model no.- WKVM 80/1+3 on OEM basis from M/S KSB Ltd. KSB LTD, Jamshedpur authorises M/s. SAN ASSOCIATES	DVC/Contract/BTPS/TG A/C&M/Supply/00115 Dated 18/10/2021	80,73,694.00
5		Procurement of Spare part of Thermo Gravimetric Analyser,TGA-701 and Automated Bomb Calorimeter, AC 350, Make: LECO of chemical laboratory, DVC, BTPS(500 MW).	I.R.Technology services private limited.	Single(OES,OEM)	BTPS Chemical Laboratory has one Thermo Gravimetric Analyzer(TGA), Model: 701 & has one AC-350 (Automatic Bomb Calorimeter), Make: M/s Leco Corporation. As a NABL accredited lab for coal testing & analysis i.e. for proximate analysis and gross calorific value of coal, we solely depend on both the instruments. At present, regular maintenance & servicing of both the instruments, LECO TGA-701 & LECO AC-350 has been done by I.R.Technology Services Pvt. Ltd, authorized distributor for India of M/s Leco Corporation .The spares suggested for procurement by LECO Engineers during their routine service and preventive maintenance are most required during breakdown of the instruments.Since installation and commissioning of the instrument TGA-701 in 2017, there is no procurement of spare parts has been done against the same. Therefore, it is very essential for procurement of Spare parts for reliable & sustained performance of the instruments and smooth running of Coal testing Laboratory.	DVC/Contract/BTPS/OS A/C&M/Supply/00039 Dated 29/10/2021	6,59,953.00

6		Lub oil cooler for FD Fan of BTPS (1X500 MW) Unit.	SHREE AMBE CORPORATI ON	Single(OES,OEM)	There are two nos. of FD fans installed at BTPS (1X500 MW) Unit, each fan has dual lub oil pumps equipped with twin coolers/heat exchangers for maintaining the lub oil temperature within permissible limit. Due to prolong use over the years the thickness of the tubes slowly reduces resulting in tube failure. This leads to deterioration of the expected performance of the subject cooler. These items are very essential in nature as their under-performance may result damage of bearings of the rotor assly. of the FD fans. As such they are required to be serviced and cleaned in short shutdown or as and when required basis to make the cooler for effective cooling. So, minimum one number has to be kept in stock to meet the requirement during maintenance of the equipment. These coolers are in service since COD of the Unit. Presently there is no stock of the indented spares. Hence, it is felt prudent to procure one number cooler from OEM for better fitment & interchangeability, required for normal maintenance as well as emergency against failure to cope up the high lead time of procurement, delivery period and expected consumption in the near future	DVC/Contract/BTPS/M S-1 A/C&M/Supply/00100 Dated 27/10/2021	4,27,500.00
7		Procurement of lube oil coolers for ID fan of BTPS (1X500 MW) Unit.	SHREE GAJANAND POWER SYSTEMS	Single(OES,OEM)	There are two nos. of ID fans installed at BTPS (1X500 MW) Unit, each fan has dual lub oil pumps equipped with twin coolers/heat exchangers for maintaining the lub oil temperature within permissible limit. Due to prolong use over the years the thickness of the tubes slowly reduces resulting in tube failure. This leads to deterioration of the expected performance of the subject cooler. These items are very essential in nature as their under-performance may result damage of bearings of the rotor assly. of the ID fans. As such they are required to be serviced and cleaned in short shutdown or as and when required basis to make the cooler for effective cooling. So, minimum one set has to be kept in stock to meet the requirement during maintenance of the equipment. There are total 04 nos. of ID fan lube oil coolers installed at BTPS (1X500 MW) Unit. These coolers are in service since COD of the Unit. Presently there is no stock of the indented spares. Hence, it is felt prudent to procure one set cooler for normal maintenance as well as emergency requirement against failure to cope up the high lead time of procurement, delivery period and expected consumption in the near future.	DVC/Contract/BTPS/M S-1 A/C&M/Supply/00099 Dated 29/10/2021	2,21,300.00
8		Procurement of lub oil cooler of Coal Mill for BTPS (1X500 MW) Unit.	SNC COMMERCIAL	Single(OES,OEM)	There are eight(08) nos of coal mills installed at BTPS(1*500MW) Unit each coal mill have dual lub oil pumps equipped with twin coolers/heat exchangersfor maintaining the lub oil temperature within permissible limit.Due to prolong use over the years the thickness of the tubes slowly reduces resulting in tube failure. This leads to deterioration of the expected performance of the subject cooler. These items are very essential in nature as their under-performance may result damage of bearings of the rotor assly of coal mills.So, minimum one no cooler has to be kept in stock to meet the requirement during maintenance of the equipment.	DVC/Contract/BTPS/M S-1 A/C&M/Supply/00101 Dated 29/10/2021	8,80,000.00
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
1	BTPS	Annual maintenance contract for two no. Avery make road weigh bridge installed at permanent Ash pond, DVC, BTPS.	M/s Avery India Ltd	Single(OES,OEM)	Two nos. road weigh-bridge& RFID 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. The weigh-bridges have to function round the clock as the ash evacuation is a continuous process for running the plant. Therefore, Annual Maintenance Contract for repairing/overhauling and preparation of machines for reverification by Govt. Inspector in accordance with weight and measures Act., AMC of weigh-bridge is required. The OEM of weigh bridge is M/s. Avery India Ltd, therefore the AMC of the same is required through them.	DVC/Contract/BTPS/CI VIL/C&M/Works and Service/00182 Dated 06/10/2021	2,45,336.00
2	BTPS	Annual Rate Contract for Maintenance of M/s Vertiv Energy Pvt Ltd Formerly Known as Emerson Make online UPS System For Condensate Polishing Unit 2X10KVA,Water Pre-Treatment Plant 2X7.5KVA & 2X2.5 KVA ,Mill Reject System 2X10KVA,CHP Package Paddle feeder 8X01 KVA and Stackler cum Re-claimer 2X3 KVA of BTPS-A On OEM Basis for Two years Non-Comprehensive.	M/s VERTIV ENERGY PRIVATE LIMITED, JAMSHEDPUR,	Single(OES,OEM)	The condensate polishing unit,water pre treatment plant,mill reject system are newly commissioned packages of BTPS A.Here it will be prudent to mention that the packages condensate polishing unit,water pre treatment plant,mill reject system and CHP package paddle feeder & stackler cum reclainer are equipped with latest technology state of the PLC's which is a specialized & highly sophisticated system.The UPS system feeds uninterrupted 230V AC stabilized power to these C&I systems and thus is considered to be one of the most critical constituents of total C&I system.Hence the UPS system requires proper predictive and preventive maintenance on periodical basis.Therefore for smooth and reliable operation of the above UPS system,the support of OEM i.e.M/s VERTIV ENERGY PRIVATE LIMITED is necessary.	DVC/Contract/BTPS/C &I A/C&M/Works and Service/00020 Dated 27/10/2021	16,94,169.60