

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

<b>PERIOD : JULY, 2021.</b>		<b>PURCHASE ORDERS</b>					
<b>Sl. No.</b>	<b>Name of the Project</b>	<b>Details of Work</b>	<b>Name of the Awardee</b>	<b>Type or Nature of Tenders (Single / Nomination etc.)</b>	<b>Brief Reason for Single Tender / Nomination etc.</b>	<b>Work Order No. and Date</b>	<b>Value of Contract Awarded</b>
1	BTPS	PROCUREMENT OF SPARES FOR COOLING TOWER MODEL # N DCT SI .No.#10-2I-0088	Jai Enterprises	Single(OES,OEM)	BTPS 500 MW having Natural draft cooling tower for cooling of secondary water which is utilised at condenser for cooling of exhaust steam from Turbine. Cooling tower of BTPS 500 MW is running from inception. Recently, it has been observed that in between the area of 6th, 7th and 8th raker column the primary, secondary and grillage beam has been collapsed. Which results collapsing of entire water distribution system including distribution pipes and nozzles. The total fills and eliminator blades also collapsed in that area. Regarding the above problem, A joint inspection has been carried on 23/03/2021 & 24/03/2021.M/s Paharpur suggested the remedial action for maintenance & repair works and spares which is consumed during said works. Indented items are being procured for the first time to carried out the above mentioned works & maintain minimum inventory and most of them were not supplied/purchased under mandatory spares. Procurement shall be done on the OEM basis from M/S PCTL	DVC/Contract/BTPS/M S-II A/C&M/Supply/00010 Dated 09/07/2021	42,37,096.00
2	BTPS	Procurement of Complete bowl assly. for CWP model no. CW10 consisting of Suction bell mouth, Pump casing assly, Impeller assembly & Pump shaft assembly	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES,OEM)	CW punrp house of BTPS 1X500MW comprises of four no (04)of BHEL- Make pumps having model no. CW10;Each CW pump comprises of one set of indented bowl assembly, CW pumps are meant for maintaining desired back pressure at the turbine end.Out of 04(four)nos of CW pump.02(two) or 03(three) pumps run continuously to maintain desired vacuum in condensor.In case of breakdown/failure of cw pump,we have to made it available as early as possible to avoid any generation loss.Hence to reduce downtime of cw pump,it is proposed to procure one set of bowl assembly.	DVC/Contract/BTPS/M S-II A/C&M/Supply/00011 Dated 10/07/2021	1,24,20,000.00
3	BTPS	SPARES FOR INSTRUMENT AIR COMPRESSOR OF ASH HANDLING PLANT, 1x500 MW, BTPS	Trinity Tradex Private Limited	Single(OES,OEM)	There are two no. of Instrument air compressors in ash handling plant 500MW unit. As per OEM manual servicing of compressor should be carried out at 6000 running hrs.Both Compressors have been running with vibration since inception.Last procured spares have been consumed during servicing and day to day maintenance of IAC and current stock is nil.	DVC/Contract/BTPS/A HP/C&M/Supply/00054 Dated 09/07/2021	9,98,338.80

4	BTPS	Procurement of spares of 400 KV GIS, DVC, BTPS.	Hyosung T & D India Pvt Ltd	Single(OES,OEM)	400 KV GIS have been supplied, installed and commissioned at DVC, BTPS in the year of 2014 by Hyosung Corporation, South Korea, under consultancy services of PGCIL. Hyosung T&D India Pvt LTD is the subsidiary company of Hyosung Corporation, South Korea.Hyosung T&D India Pvt LTD is OEM/OES.Spare item to be maintained at site so that shutdown period shall be reducing as and when required basis	DVC/Contract/BTPS/E S-II A/C&M/Supply/00085 Dated 23/07/2021	24,53,920.00
5	BTPS	Supply of Fixed Contact ,Moving contact and insulator Stack of 72.5 KV DBR Isolator at DVC, BTPS.	MAPLE AUTO MOTION PRIVATE LIMITED	Single(OES,OEM)	These materials are utilised at ICT tertiary bay which is used for supplying Auxiliary power to 400 KV Switchyard and are required to maintain the inventory at site for As and when required to replace the damaged item to maintain the system healthy.	DVC/Contract/BTPS/E S-II A/C&M/Supply/00086 Dated 24/07/2021	8,18,100.00
6	BTPS	Procurement of Magnetic probe for measuring temperature suitable for induction heater model FAST THERM 150 on OEM basis.	J.UMASHANKAR & CO. PVT. LTD.	Single(OES,OEM)	The magnetic probe of NTN SNR make as proposed to be procured from the OEM will be best fitted in to the induction heater model FAST THERM 150 of NTN SNR make with 1:1 interchangeability .	DVC/Contract/BTPS/E S-II A/C&M/Supply/00087 Dated 24/07/2021	84,900.00
7	BTPS	PROCUREMENT OF 300 NB DOME VALVE COMPLETE ASSEMBLY PERTAINING TO AHP 1x500MW, BTPS.	M/s. MACAWBER BEEKAY PVT. LIMITED	Single(OES,OEM)	There are 14 (fourteen) nos. of 300 NB DOME VALVE (DV- / 85-00-R3) installed in 1x500MW.These valves are used to evacuate Ash in dry mode to silo and also to bulker through unloading spout. The aforesaid valves except valves at Silo are getting operated as per their cycle timing . Also the valve is handling ash, erosion of internals is very common phenomena.At present, fly ash from Silos are being packed in bags and transported via railway route by third party. Healthiness of subject mentioned valves are required to be ensure for proper evacuation of fly ash. from ESP to Silo and to achieve better utilization of fly ash. Considering the aforementioned facts, it is proposed to procure two nos. of 300NB DOME VALVE COMPLETE ASSEMBLY to meet any exigency and as an assembly replacement of valve to ensure availability of valve in less time or minimization of dry evacuation system outage time.	DVC/Contract/BTPS/A HP/C&M/Supply/00055 Dated 30/07/2021	2,82,500.00
8	BTPS	PROCUREMENT OF BOTTOM ASH OVERFLOW PUMP PERTAINING TO 1x500MW, BTPS	Unicon Techno Solutions Pvt. Ltd.	Single(OES,OEM)	There are two nos. of Bottom Ash Overflow Pump installed in 1x500MW.The said pumps are used to transfer ash-laden water from a tank situated near boiler bottom ash hopper at ground floor to settling tank & unit ash slurry sump.BA overflow Pp handles ash-laden water, rate of wear & tear of Pp internal is on higher side. These pumps are running continuously since COD of the unit. In view of the above, it is proposed to procure one no. of BA overflow pp to meet any exigency and as an assembly replacement of pump to ensure availability of pump in less time or minimization of Pp outage time. Also, BA overflow Pp is a critical spare for Ash Handling Plant of BTPS.	DVC/Contract/BTPS/A HP/C&M/Supply/00056 Dated 31/07/2021	8,05,000.00

9	BTPS	PROCUREMENT OF COMPLETE BARE VACUUM PUMP (without motor & base frame), MODEL - ELMO 2BE1 353 OZY 4 MAKE GARDNER DENVER NASH MACHINERY LTD.ON OEM BASIS FOR BTPS 500 MW.	MILLENNIUM IMPEX PVT LTD	Single(OES,OEM)	Two nos. of Nash Vacuum Pumps are installed in BTPS 500 MW unit and it is vital equipment for maintaining condenser vacuum of the unit. Smooth running and availability of these pumps is necessary to avoid the unit generation loss. It is necessary to have a complete Vacuum pump assembly in our stock to meet any exigency or any breakdown. Procured assembly shall be utilised to replace the failed one and failed one will be refurbished/repared for further future use. Os&u, Kolkata has also recommended to have pump assembly under critical spare. Further to above this item has also been recognised as capital item.In view of above we are intending to procure one complete assembly for Nash Vacuum pump, procurement shall be done on the OEM basis from M/S Gardner Denver Nash.	DVC/Contract/BTPS/TG A/C&M/Supply/00112 Dated 29/07/2021	95,00,000.00
10	BTPS	Supply and installation of RFID system for weigh bridges of FGD package of BTPS 1X500 MW	RICE LAKE WEIGHING SYSTEMS INDIA LIMITED	Single(OES,OEM)	The work of Supply, Erection and commissioning of Flue Gas Desulfurization System of BTPS IXSOO MW unit has been awarded to M/S Techno Electric & Engineering Co. Ltd. vide LOA nos. - (1). DVC/FGD-2/BTPS'N /NOA/FC/2874 dated - 15/07/2019 for Supply and (2). DVC/FGD-2/BTPS'A'/NOA/SC/2875 dated - 15/07/2019 for Services. There is a provision of supply, erection, testing & commissioning of 02 nos. of weighbridges of capacity 100 MT each (Make - Rice Lake weighing system India Ltd.) under the scope of work of the vendor in the contract. • One (01) number of the weighbridge has already arrived at site and the civil work including foundations for the same is almost complete. Erection will also start soon as the OEM has confirmed the dates for the arrival of their engineers at site. A comprehensive weighbridge system also includes a RFID (Radio Frequency Identification) system, which has not been included in the Supply part of the weighbridges. RFID system is very essential for the enhancement of utilization of the weightment systems.Based on the necessity of the RFID system and upon decision taken for its installation on 03/06/2021 in the daily morning meeting.The matter of RFID installation was also discussed in the ROPR meeting with HQ, Kolkata held on 06/06/2021. Moreover, a meeting regarding implementation of GPS and RFID system towards monitoring of ash dumpers in all Thermal Power Plants was held on 21/12/2016. Keeping in view, it is proposed that RFID system installed on cost plus basis by the OEM .	DVC/Contract/BTPS/BTPS A CONSTRUCTION/C&M/Supply/00001 Dated 30/07/2021	8,35,000.00

<b>Name of the Project</b>	<b>Details of Work</b>	<b>Name of the Awardee</b>	<b>Type or Nature of Tenders (Single / Nomination etc.)</b>	<b>Brief Reason for Single Tender / Nomination etc.</b>	<b>Work Order No. and Date</b>	<b>Value of Contract Awarded</b>
----------------------------	------------------------	----------------------------	---	---	--------------------------------	----------------------------------

1	BTPS	Biennial Rate contract for Utilisation of expert service for inspection/ Servicing/Overhauling of M/S Elgi make compressor of Coal Mill Rejection System of BTPS A (1X500) MW, DVC	ELGI EQUIPMENTS LIMITED	Single(OES,OEM)	In BTPS 500 MW Unit 2 nos. of Mill rejection convey air compressor manufactured by M/S Elgi Equipments are installed and are utilised for the conveying of mill rejection compressor. At present Servicing/Repairing/Overhauling is being carried out under expert supervision of the Service Engineer of M/S Elgi Equipments Limited, the OEM of compressor to maintain the compressor healthiness. Inspection/servicing/overhauling of compressor is highly precision & sophisticated work and requires expertise. We do not have know how/expertise and infrastructure to dog such job of these sophisticated compressors: As such, it is proposed to engage M/s Elgi Equipments Limited the original equipment manufacturer for Rate Contract for utilisation of expert service for inspection, technical supervision & consultancy of the compressors of Mill Rejection"System of BTPS 500 MW unit for a period of two year.	DVC/Contract/BTPS/TG A/C&M/Works and Service/00021 Dated 22/07/2021	3,24,000.00
---	------	--	-------------------------	-----------------	---	---	-------------