

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

PERIOD : FEBRUARY, 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 ELECTRONIC CARDS FOR LCI(VFD) PANELS PERTAINING TO 1X500 MW UNIT OF BTPS A.	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES ,OEM)	There are good numbers of electronic card/modules such as SFF & IOMA and SEM Rack cards such as HMPG,DMPB,HLCB,HAIA,NSFC,NSFE,HRDD,NLIB,DLIB,HISA,NLCB,NHVL and other types of cards for different purpose are installed in VFD of ID fan and they are in continuous service for smooth operation of ID Fan Channels at DVC, BTPS. The failure of these electronic cards and modules may cause generation loss with tripping of ID Fan Channels .Recently malfunctioning of cards of different type has been observed in ID Fan vfd Channels. Immediate restoration of ID Fan Channel is required if any channel trip due to malfunctioning of card to avoid generation loss. For early restoration spare cards are required to be kept available at site .presently there is no spare available at store. It has been further observed some of cards such as NSFC,NLIB & DLIB are frequently malfunctioning and more spare quantity is require to maintain It is therefore proposed for procurement of the above electronic cards and modules on OEM basis i.e. M/s BHEL.	DVC/Contract/BTPS/ES-I A/C&M/Supply/00091 Dated 05/02/2022	69,44,150.00

2	BTPS	Procurement of Spares items for Servilink engineers pvt ltd- Make,220V DC Battery Chargers installed at CHP,MCC#2 DVC, BTPS, "Ä"	SERVILINK ENGINEERS PVT. LTD	Single(OES ,OEM)	<p>There are two numbers rating Float 252/50A, boost 302/50A, serial no: JN 1334/BCO 1142, AC i/p: 415V(+,-)10%,50Hz (+,-)5%,3 ph are installed in CHP MCC room for supply of power to DC protection and illumination system . 220 V DC system being the heart of electrical protection system, in case of its failure may lead to the collapse of electrical protection system. Therefore it is very much essential to ensure the healthiness of the DC control system along with the DC chargers always for proper functioning of the 220 V DC system.</p> <p>To maintain the healthiness of DC chargers, it is must to ensure the healthiness of different spare parts and their proper functioning related to the DC chargers. Breakdown, mal operation of the spare parts may occur due to aging, internal &amp; external circuitry fault etc. Hence it's always necessary to maintain minimum quantity of each of spares in hand so that the same will be utilized /replaced at the time of need and the system will be normalised with in optimum time M/S Servilink Engineers Pvt. Ltd being the OEM for the DC charger supplied all the spare parts associated with the DC chargers. Hence it is felt necessary to go for procurement of the spares for the DC chargers from M/S Servilink Engineers Pvt. Ltd</p>	DVC/Contract/BTPS/ES-II A/C&M/Supply/00117 Dated 16/02/2022	1,31,956.00
3	BTPS	Procurement of spares for Oil Centrifuge, Model- MAB-206 & 103 installed at Bokaro-1X500 MW Unit.	POWERTECH ENGINEERING	Single(OES ,OEM)	<p>One no. Oil centrifuge, model- MAB 206 is installed for Main turbine &amp; Central oil purification system respectively and one no. portable oil centrifuge is provided at BTPS-1X500 MW unit. Turbine oil is subjected to stringent requirements in terms of purity, since the properties of the turbine oil and the condition and proper functioning of the turbine generator components which come into contact with that oil can be adversely affected by solid or liquid contaminants.</p> <p>The function of Main Turbine oil centrifuge, which can be kept in continual operation independently of the operating oil systems, is to either maintain or restore the purity of the turbine oil. Hence, it is vital to ensure the availability of the centrifuge for smooth running of TG set which is directly linked with unit generation. Portable centrifuge is being operated for conditioning of MDBFPs lube and working oil and also of LP Bypass HPSU system oil, since no purification unit is provided separately for these systems. As such, considering the above facts, spares of required quantity has been identified and is being proposed for procurement.</p>	DVC/Contract/BTPS/TG A/C&M/Supply/00119 Dated 08/02/2022	8,70,700.00
<b>WORK ORDERS</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	ARC for Maintenance of Substation Automation System (SAS) at 400kV Gas Insulated Switchyard (GIS), DVC,BTPS A.	SCHNEIDER ELECTRIC INDIA PVT. LTD authorises Eastern Trade Agency	Single(OES,OEM)	The 400KV Gas insulated Switchyard(GIS) BTPS-A is under operation and SAS(Substation Automation System) is an integral part of 400KV GIS, dedicated for control,Monitoring and switching of electrical equipment. It is also provides the real time data aquisition and subsequent transmission of the same towards SLDC Howrah for better regulation of power flow.Installed SAS(Sub Station Automation System) is very much vital for 400kV GIS O&M as well as critical in nature. Healthiness,performance checking and breakdown maintenance is carried out by M/s SEIL as OES/OEM or his authorized vendor.The system requires technical expertise for which only the OEM can be considered.	DVC/Contract/BTPS/ES-II A/C&M/Works and Service/00065 Dated 05/02/2022	15,84,000.00