

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

PERIOD : NOVEMBER, 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	Pull Cord Switch Make AG System for interlock & protection of CHP conveyor belt of DVC, BTPS.	AG SYSTEM CONTROLS	Single(OES, OEM)	Pull cord switches( Make : AG System) are used to interlock and protection of conveyor belts of CHP interconnecting path and are extremely important to stop the belt in emergency situation.These pull cord switches are vital protection for conveyors. These pull cord switches must be always healthy. Various pull cord switches are malfunctioning due to ageing. Present stock is nil.	DVC/Contract/BTPS/C&I A/C&M/Supply/0089 Dated 20/11/2021	1,78,885.00

2	BTPS	Spares for Geared Variable Speed Coupling for MDBFP, Make - VOITH, Model - R 18 KGS 14 API installed at BTPS 1X500 MW Unit.	VOITH TURBO PRIVATE LIMITED	Single(OES, OEM)	MDBFP installed in 01 no. quantity is a vital equipment and is required to be run during start up,normal running and shut down of the unit and is directly linked with unit generation. The MDBFP set is run through M/s VOITH make Geared variable speed coupling. In case of any breakdown of the Geared variable speed coupling due to failure of any of its parts, will render the MDBFP set unavailable, this will subsequently hamper unit generation. As such availability of MDBFP set is required to be ensured for continuous unit generation. Considering the criticality of Geared Variable Speed Coupling, its spares has been identified and is being proposed for procurement.Present stock of the indented items is nil and is being procured to maintain minimum inventory.The indented items will be utilized to meet any exigency and also in case of any breakdown/overhauling requirement.	DVC/Contract/BTPS/TG A/C&M/Supply/0116 Dated 12/11/2021	31,20,000.00
3	BTPS	Supply of Areca Controller of EC Panel for HVR Transformer pertaining to ESP of 1X500 MW unit of BTPS,DVC	Bharat Heavy Electricals Limited, SSBG Eastern Region.	Single(OES, OEM)	There are 80 nos Electronic controller panel for 80 numbers of HVR Transformers installed in ESP. ARECA is a 16-bit microcontroller based HVR controller . It permits all analog parameter settings through digital keypad entries. The high voltage DC fed to the precipitator field is controlled using back to back connected thyristors on the primary side of the TR sets. The thyristors are fired based on the feedback signals of current in the ESP field. These Areca controller are used for charging of ESP fields,its current setting, and transformer protection such as wti, oti, buchholz etc. These controllers play a vital role for Collection of Ash in ESP hoppers for maintaining the statutory requirement of pollution. Healthiness of controllers is required for proper ash collection. These Areca controllers will be used during day to day maintenance work for replacement of damaged controller if any . These Areca controllers are	DVC/Contract/BTPS/ES-I A/C&M/Supply/0086 Dated 26/11/2021	13,12,500.00

4	BTPS	PROCUREMENT OF BLADES FOR PA & FD FANS FOR BTPS (1X500 MW) UNIT.	Bharat Heavy Electricals Limited, SSBG Eastern Region	Single(OES, OEM)	<p>The indented items are spares for PA and FD fans for BTPS (1x500 MW) Unit. There are two nos. each of such axial fans installed at BTPS. The PA fans play an important role for carrying air – fuel (fine coal dust) mixture to the Boiler for combustion whereas the FD fans deliver the necessary secondary air to regulate proper combustion and maximize the fuel efficiency of the process. The fan blades may get damage due to some degradation mechanism in the fan system or due to accidental collision with foreign particle causing a catastrophic failure and non-availability of fans for a considerable period. Non-availability of the fans will lead in considerable loss of generation. To avoid such unanticipated outage it is desirable to have a minimum quantity of fan blades in stock.</p> <p>These spares are of critical application, fitment, interchangeability and suitability with the whole system so as to ensure trouble free desired output performance of the boiler and it is proposed to procure PA fan blades and FD fan blades to fulfil the requirement during urgency/overhauling of the fan on OEM basis from M/S BHEL.</p>	DVC/Contract/BTPS/MS-I A/C&M/Supply/0102 Dated 26/11/2021	1,77,80,200.00
					<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	Health study & stability check of ash pond dykes of DVC Bokaro Thermal Power Station.	SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT	Single Tender	The Hon'ble NGT New Delhi, vide his order dated.14/12/2020 passed an order for conducting the sub mentioned tests by any IIT/NIT.Since, the institute i.e SVNIT Surat is Govt. Controlled.As per Remarks of Sl. No. 23 (b) of DFP Civil)-2013. Govt Controlled agency may be placed order on single offer basis.	DVC/Contract/BTPS/CIVIL/C&M/Works and Service/00187 Dated 09/11/2021	19,20,000.00
2	BTPS	Rate Contract (RC) for maintenance of CEMS (Multi Gas Analyser (1 No.) & Dust Analyser (1 No.) along with transmission of Pollution parameters like PM, SOx,NOx, ETP to CPCB & JSPCB (Make: M/s Forbes Marshall) client side server software to ensure connectivity, data transmission and remote calibration facility (Emission parameters except PM) to CPCB & JSPCB, BTPS, DVC on OEM basis for Two (02) years.	FORBES MARSHALL PVT. LTD.	Single(OES, OEM)	Different data related to pollution parameters like PM, SOx, NOx, ETP are being transmitted/ displayed online at Pollution Control Board (both JSPCB & CPCB) on 24x7 basis as per statutory requirements of Pollution Control Board.For this, remote data transmission system comprising of separate computer with licence key and other interfacing software, data logger has been erected & commissioned by M/s. Forbes Marshall Pvt. Ltd. as OEM of the pollution control instruments (CEMS, Opacity & ETP). In the system different field data like PM, SOx, NOx, ETP has been configured in CPCB server. These parameters inputs given to the data logger are collected & processed through an interfacing software of M/s. Forbes Marshall and then transmitted to the central server in order to transmit & display the data to JSPCB & CPCB. Now, some critical maintenance aspect is associated with the system like License backup in the event of system crash, software re-installation and new configuration of all data in the event of computer crash/ software corruption, online support for up keeping & maintenance of online connectivity etc. Therefore, keeping in view of its importance and criticality rate contract with the OEM is required for maintaining of the remote connectivity and calibration and to ensure the 24x7 availability of the above system healthy for trouble free transmission of data related to pollution like PM, SOx, NOx, ETP etc. to pollution control boards.	DVC/Contract/BTPS/C&I A/C&M/Works and Service/00022 Dated 11/11/2021	5,40,000.00

3	BTPS	Modification work in the existing system of Two No's Road Weigh Bridges installed at BTPS, DVC for incorporation of guidelines as suggested by Vigilance Dept., DVC HQ.	M/s Avery India Ltd	Single(OES, OEM)	Two nos. of road weigh bridge of 40 MT capacity each of M/s Avery India Limited make installed at Fuel Dept. BTPS, DVC. These road weigh bridge are used for weighing of coal, Boulder and store materials etc. Presently, operations of these Weigh Bridge are done through common operator password for all DVC operators and there is no arrangement of separate dynamic password for individual DVC operator to operate Weigh Bridge.M/s Avery India Ltd. is the OEM/OES of the Road Weigh Bridges as installed at BTPS, DVC. Maintenance of the same has been carried out satisfactory by M/s Avery India Ltd. through ARC/AMC since their inception. So M/s Avery India Ltd is reliable and has expertise to carry out the modification work and has better know how of the software and hardware supplied by them. Vigilance department had suggested for adoption of various guidelines to overcome shortcoming and to streamline the functioning at the Weigh Bridges. The suggestion includes arrangement of separate dynamic password for individual DVC official to operate Weigh Bridges.	DVC/Contract/BTPS/FUEL 1/C&M/Works and Service/00176 Dated 15/11/2021	40,000.00
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4	BTPS	ARC for maintenance & servicing of LECO TGA 701 (Thermo Gravimetric Analyser) & LECO AC-350 (Automatic Bomb Calorimeter)for one year.	I.R.Technology Services Pvt. Ltd.	Single(OES, OEM)	Thermo Gravimetric Analyser,TGA-701 & AC-350,Automatic Bomb Calorimeter,Make: M/s Leco Corporation are used for proximate analysis & Gross calorific value of coal samples like rake,road samples at both loading & unloading ends,feeder samples etc.As I.R.Technology services pvt.Ltd. is an authorized dealer of M/s Leco Corporation in India is successfully executing the above referred annual service contract.As a NABL accredited lab for coal testing & analysis,it is very essential for annual service contract for maintenance & servicing of TGA-701 & AC-350 on OES/OEM basis for getting reliable & sustained performance of the instruments.	DVC/Contract/BTPS/OS A/C&M/Works and Service/00011 Dated 26/11/2021	1,80,000.00
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