

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

**PERIOD : APRIL, 2021.**

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 pumps for DM Plant BTPS A	M/s Hydrotech	Single(OES, OEM)	There are 02 nos of Degassed Water Transfer Pump, 02 nos of DM Water Regeneration Pump, 02 nos DM Water Transfer Pump and 02 nos N Pit Effluent Transfer Pump for purpose as per their name in new DM Plant, BTPS A. All pumps are very crucial can affect power generation and environment. To avoid losses of generation these pumps should be in ready condition for replacement/ maintenance work so that we can make available immediately after any breakdown takes place.	DVC/Contract/BTPS/MS-II A/C&M/Supply/00005 Dated 05/04/2021	9,38,367.64
2	BTPS	Repeat order of one load cell and two track switches for In-motion Rail Weigh Bridge(100 MT) of BTPS.	RICE LAKE WEIGHING SYSTEMS INDIA LIMITED	Single(OES, OEM) (REPEAT CONTRACT)	At BTPS there is One (01) nos. of Rail In-Motion Weigh Bridge at BTPS having capacity of 100 MT for weighment of Rail bourn coal. We are receiving raw coal through this weighbridge. Each wagon of the Rake is being weighed on this weigh bridge, hence chance of its failure/damage can't be rule out as for the same being out door installation.One load cell of In-motion Rail weigh bridge (100 MT)need to be replace soon as recommended by OEM and two track switches for ready spare of same weigh bridge for smooth weighment of Rail weigh bridge.	DVC/Repeat Contract/BTPS/FUEL 1/C&M/Supply/00001 Dated 08/04/2021	3,28,300.00
3	BTPS	Procurement of hydrogen gas for DVC, BTPS.	M/s. Vinsan Commercial Products Pvt. Ltd.	Single(SSC, SS,Other than PSU)	Hydrogen gas is used as a coolant in generators of both 1 X 210 MW and 1 X 500 MW units of DVC, BTPS. Feeding of hydrogen gas is done in generators either to maintain the gas pressure at 3.5 Kg/cm2 or for purging purpose to maintain the purity of the gas for effective cooling of generators. Presently hydrogen gas is being procured from M/s Vinsan Commercial Products Pvt. Limited on source standardization basis. M/s Vinsan Commercial Products Pvt. Limited has been source standardized again for supply of hydrogen gas vide No. DVC/BTPS/SS Certificate/05609 dated 26/11/2019 based on the past performance of supply of hydrogen gas and non-availability of any known manufacturer of hydrogen gas in near vicinity.	DVC/Contract/BTPS/STORE/C&M/Supply/00022 Dated 26/04/2021	18,73,359.00
4	BTPS	Utilization of expert service of M/s Chicago Pneumatic for Instrument air compressors of Ash handling plant, DVC BTPS A (1X500MW) unit	Trinity Tradex Private Limited	Single(OES, OEM)	There are two number of instrument air compressor in ash handling plant,DVC,BTPS A(1*500MW) unit.Both these compressor are in service since commissioning of unit in feb2017.Continuous ash evacuatio is essential for safe operation of the unit and for this both the instrument air compressor should be in healthy conition for auto operation of different valves of ash handling plant.As per operation and maintenance manual of OEM,M/s Chicago Pneumatic,schedule of atandard maintenance inspection /servicing for said compressor is 3000hrs and 4500hrs,both the compressor have crossed the schedule limit for maintenance inspection /servicing.For complete servicing of the compressor,there is no sufficient infrastructure and the job is specialized in nature.In view of above ,it is proposed to utilize an expert service of M/s Chicago Pneumatic compressor on OEM Bsis for inspection /servicing of two no of instrument air compressor of ash handling plant 500MW UNIT.	DVC/Contract/BTPS/AHP/C&M/ Works and Service/00013 Dated 27/03/2021	1,44,000.00

5	BTPS	REPAIRING OF DAMAGED PLANETARY GEARBOX TYPE - KMP300 OF COAL MILL TYPE- XRP 1003 AT BHEL, HYDERABAD	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES, OEM)	A damaged planetary gearbox (MAKE -BHEL sl. No. 51/PGB/738) was sent to BHEL, Hyderabad to identify the problems. After receipt of the gearbox at BHEL, Hyderabad end, it was jointly inspected by DVC and BHEL engineers. A MOM was prepared after inspection and basis of their observation an indent was raised and subsequently an order was placed on BHEL on OEM basis.	DVC/Contract/BTPS/MS-I A/C&M/Works and Service/00021 Dated 27/03/2021	75,57,530.00
6	BTPS	ARC for Periodic (monthly) servicing/maintenance of 2x1500KVA DG Sets pertaining to 1x500MW Unit of DVC,BTPS.	GARUDA POWER PVT LTD	Single(OES, OEM)	Two (02) numbers of DG sets, each of capacity 1500 KVA are installed in 1x500MW Unit of DVC, BTPS.M/S Cummins is the manufacturer of these DG sets.DG Sets feed power to emergency drives e.g. AC Seal Oil pump motor, AC Lub Oil pump motor, primary water pump motor, illumination etc. at the time of total power failure. Thus, DG sets are most important equipment which are needed to be functional during the total power failure of the unit. Hence, these must be always available in healthy condition at each instant to meet up the emergency requirement of the unit.Operational Reliability of DG Sets is of topmost priority at a power station. Routine checking, servicing and necessary repair/rectification works is very much essential to monitor the condition of the DG Sets and to get trouble free service during Total power failure. Therefore, to keep the DG sets in healthy condition, its servicing is very much essential. There is in-adequate departmental Strength and infra-structure to carry the proposed job as this is a type of specialized job and needs expertise to carry out the same. Therefore, it is proposed to engage OEM, M/S Cummins having expertise for the same to carry out the subject job.	DVC/Contract/BTPS/ES-I A/C&M/Works and Service/00038 Dated 19/04/2021	1,94,400.00
7	BTPS	Maintenance and Operation Contract of Centralized Air Conditioning system of Power House, ESP& Technical Building for 06 months pertaining to 1X500 MW BTPS'A' Plant.	M/s. Blue Star Limited, Jamshedpur.	Single(OES, OEM)	Proper cooling and ventilation are very much essential for proper functioning of installed important relays, electronic cards, panels located in BTG control room ,VFD etc. and also for proper working environment of operative personnel. Improper cooling and ventilation may lead to failure of the installed important relays, electronic cards, panels etc. there by causing loss of both Unit Generation and costly equipments. Similarly proper Air Conditioning and Ventilation in Conference Hall, Chief Engineer Chamber & Office, Dy. Chief Engineer Chambers & Offices and Suptd. Engineer Chambers of technical building are also essential.It is hereby certified that the service for which M/s. Blue Star Ltd. the OEM is being proposed for engagement has originally been supplied, erected and commissioned the Centralized Air Conditioning system and which has not yet been replaced by any substitution so far and now in use.It is certified that no other agency is capable to undertake the same works/service at satisfactorily level other than OEM, M/s. Blue Star Ltd.	DVC/Contract/BTPS/ES-II A/C&M/Works and Service/00049 Dated 24/04/2021	15,68,832.00