

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

PERIOD : MARCH, 2021.							
Sl. No.	Name of the Project	Details of Work	Name of the Awardee	Type or Nature of Tenders (Single / Nomination etc.)	Justifications / Reasons	Work Order No. and Date	Value of Contract Awarded
1	BTPS	Recip Oil 20 Ltrs. Jar for instrument air compressor of Ash Handling Plant of 500 MW Unit BTPS on OEM basis from M/S Chicago Pneumatic Compressors	Trinity Tradex Private Limited	Single(OES,OEM)	Recip Oil is a special lubricant and is used as working oil for Chicago Pneumatic Compressors . There are total 02 Nos. such compressor installed in Ash Handling Plant of 500MW unit. During normal operation of these compressors depending upon its running hours or in case of any exigencies like contamination or emulsification, this oil is required to be topped up or replaced. Apart from this during servicing and preventive maintenance, oil top up is necessary to maintain the oil level.Presently the stock position is almost nil. Therefore four nos. Jar of such oil is required to procure considering the year wise consumption pattern and future servicing work of the compressors. The item is to be procured from M/s Chicago Pneumatic Compressors on OEM basis.	DVC/Contract/BTPS/OSA/C&M/Supply/00032 Dated 04/03/2021	52,520.00
2	BTPS	Procurement of Part Turn Actuator or Ball collector Actuator of condenser on line tube cleaning system (COLTCS) pertaining to 1X500 MW Unit, DVC, BTPS	MULTITEX FILTRATION ENGINEERS LTD.	Single(OES,OEM)	There are total 02 Nos. part turn actuator in condenser COLTCS system in power house of 1X500 MW Unit, DVC, BTPS. The main function of these actuators is to operate the flapper of ball vessel of COLTCS System during its operation. COLTCS system plays very vital role towards the efficiency of condenser as due to online tube cleaning by COLTCS operation, heat transfer of condenser improves which in turn very vital for condenser healthiness also. So, these actuators are very important. M/S MULTITEX FILTRATION ENGINEERS LTD. is the OEM of COLTCS system pertaining to 1X500 MW Unit, DVC, BTPS. Hence for proper retrofitting, procurement of Part Turn Actuator or Ball collector Actuator from OEM is felt very much essential for COLTCS system of 1X 500 MW unit.	DVC/Contract/BTPS/ESA/C&M/Supply/00078 Dated 08/03/2021	94,000.00
3	BTPS	Allroyd worm reduction gear box, size SV5 CD x 70/1 ratio, with shaft handling and out put shaft will project vertically down wards C5EDx70/1SVB , sino.- 95838	BANSAL UDYOG	Single(OES,OEM)	Subject indented item is proposed to procure four(04) no of gearboxes for replacement of old and unhealthy gear boxes in case of failure. Since these gear boxes are in continuous service wear and tear is more. also all the other gear boxes are very old and wear and tear has taken place. due to that replacement is warranted for better and smooth functioning for desired quality of drinking water and for supply to DM water system. The gear boxes procured vide purchase order no. DVC/Contract/BTPS/MS-II/TECHNICAL/SUPPLY/00046 DT.11.03.2016 as mentioned in BUS has been utilised for replacement of the gear box of agitator#3 of clarifier bridge#3 & agitator#1 of clarifier bridge#2 replaced, due to failure of its teeth and damage parts of associated system. Now there is no spare gearbox for replacement in case of failure of any of the G/B.	DVC/Contract/BTPS/MS-II/C&M/Supply/00010 Dated 15/03/2021	6,57,040.00
4	BTPS	Supply of spares of HP Bypass, TDBFP & ERV System on OEM basis for BTPS-A (1X500 MW), DVC	Bharat Heavy Electricals Limited, SSBG-Eastern Region	Single(OES,OEM)	THE SPARES OF BHEL FEED, HP Bypass system, TDBFP are used in coal mill feeder, HP bypass, ERV & TDBFP respectively. The spares of BHEL FEED are directly linked with the feeder running, so non-availability of spares may lead to non-availability of mill/feeder. The spares of HP Bypass are directly linked with the HP BYPASS VALVES operation. It is a very critical system & without this unit cannot be synchronised. The spares of TDBFP are used for monitoring of thrust & Journal temperature respectively. These parameters also related to permissive & protection logic of TDBFP. These spares are critical in nature & directly linked with plant generation. So this procurement is required on OEM basis.	DVC/Contract/BTPS/C&IA/C&M/Supply/00083 Dated 20/03/2021	26,95,710.00

5	BTPS	Supply of SCHNEIDER make PLC spares for Chilling Plant & CASS of BTPS, DVC	ENERGIA SYSTEMS PRIVATE LIMITED	Single(OES,OEM)	<p>The centralized AC system of inside power house is essential for reliable functioning of electronic modules/ equipments installed in BTPS-A (1X500 MW) & different offices & ESP building. Breakdown of centralised air conditioning/ chilling plant can seriously hamper functioning of unit instrumentation system & prolonged non availability may even affect unit generation. The PLC system along with its software in the chilling plant & Combined ash slurry system is M/s. Schneider make. The PLC system is the heart of the plant, readiness of it is utmost important, which can only be sure by confirming its modules are healthy & operating well and proper spares has been maintained for all the modules to tackle any unforeseen situation. All the modules have their dedicated and predefined purpose that serves the main processor CPU of the PLC system, which in turn acts as a controller for all the plant operations. Any malfunctioning in these modules may trouble the PLC system and will hamper the operation of the chilling plant & Combined ash slurry. Indented PLC spares were not procured/ supplied against mandatory spares for BTPS-A (1X500 MW) and is being procured for the first time.</p> <p>These spares are critical in nature & directly linked with the plant generation. So the above procurement is required on OEM Basis to minimize equipment downtime as well as for smooth functioning of the system .</p>	DVC/Contract/BTPS/C&I A/C&M/Supply/00084 Dated 20/03/2021	4,89,600.00
6	BTPS	Fluidizing Air Blower complete without motor for Silo of Ash Handling Plant 500MW unit.	KAY INTERNATIONAL PRIVATE LIMITED.	Single(OES,OEM)	<p>There are two no. of Silo for storage of dry fly ash, from where ash is loaded into the bulkers through bottom outlet. Fluidizing hot air is needed for easy discharge of ash from bottom outlet of silo. There are three no. of fluidizing air blowers of M/s Kay International make, fitted in Silo area for providing fluidizing hot air into two no. of silo. All three blowers should be in healthy condition for loading of dry ash into bulkers. Presently we do not have any spare fluidizing air blower into store or at site to meet exigency. Also the said item has been declared as critical spare by OSU section.</p> <p>In view of above it is proposed to procure one no. of Fluidizing air blower without motor from M/s Kay International Pvt. Ltd on OEM basis</p>	DVC/Contract/BTPS/AHP/C&M/Supply /00048 Dated 20/03/2021	2,60,000.00
7	BTPS	PROCUREMENT OF SPARES FOR GOVERNING SYSTEM OF TURBINE AND NRV FOR TURBINE JACKING OIL LINE, 500 MW, BHEL MAKE, BTPS A, DVC.	M/s BHEL, PSER	Single(OES,OEM)	<p>As per overhauling rolling plan, BTPS 500MW is scheduled for its overhauling in the year 2022. In view of overhauling as well as to meet any exigency, we are intending to procure spares of Governing system of Turbine and NRV for Turbine Jacking oil line. It is also to mention that some of the indented items are being procured against critical spare list and some items may be required during overhauling/breakdown of the governing system. Indented items are being procured for the first time to maintain minimum inventory and were not supplied under mandatory spares. Procurement shall be done on the OEM basis from M/s BHEL.</p>	DVC/Contract/BTPS/TG A/C&M/Supply/00110 Dated 26/03/2021	1,02,90,480.00

8	BTPS	PROCUREMENT OF SPARES FOR IP & LP TURBINE CASING ASSEMBLY FOR CAPITAL OVERHAULING OF BTPS - 1X500 MW UNIT.	M/s BHEL, PSER	Single(OES,OEM)	As per overhauling rolling plan, BTPS 500 MW (copy attached) is scheduled for its capital overhauling in the year 2022. In view of the above as well as to meet any exigency, we are intending to procure spares of IP & LP Turbine casing assembly as per attached Annexure-I. Considering the above facts, Spares of IP & LP Turbine casing assembly of required quantity has been identified and listed in the indent being placed. All the indented items are being procure for the first time.The spares will be procured from M/s BHEL, the OEM	DVC/Contract/BTPS/TG A/C&M/Supply/00107 Dated 19/03/2021	18,14,700.00
9	BTPS	PROCUREMENT OF SPARES FOR TDBFP DRIVE TURBINE	M/s BHEL, PSER	Single(OES,OEM)	Two nos. TDBFP Drive Turbine are installed at BTPS-1X500 MW unit. Smooth running of TDBFP ensures smooth running of the unit and also its availability. Since TDBFP is directly linked with unit generation. Spares of Drive Turbine has been Indented considering their criticality in ensuring smooth running of TDBFP set,in case of failure of the indented spares and this will subsequently affect unit generation and availability.Present stock of the indented items is nil and is being procured to maintain minimum inventit,The indented items will be utilized to meet any exigency and also in case of any breakdown/overhauling requirement.All the indented items are being procured for the first time and have been included in critical spares as per e-mail copy from OSU, Kolkata attached at CP- 4a-4b. Considering the above facts, Spares for TDBFP Drive Turbine of required quantity has been identified .The spares will be procured from M/s BHEL, the OEM.	DVC/Contract/BTPS/TG A/C&M/Supply/00106 Dated 19/03/2021	26,74,000.00
10	BTPS	Procurement of Boiler tube bends for BTPS (1x500 MW) unit	M/s Bharat Heavy Electricals Limited, SSBG Eastern Region	Single(OES,OEM)	Indented items consists of variouscritical bends of divisional penellette coil,final super heater coil,re heater coil,burner panel etc.Indented items were not supplied under mandatory package except S-panel bend and straight tubes.Boiler tube was consumed during short shut down/BTL of the unit,again same has been procured from BHEL on OEM basis.	DVC/Contract/BTPS/MS-I A/C&M/Supply/00095 Dated 26/03/2021	90,49,240.00
11	BTPS	PROCUREMENT OF DM JOINTS AND REDUCER FOR BOILER (1X500 MW) BTPS UNIT.	Bharat Heavy Electricals Limited, SSBG-Eastern Region.	Single(OES,OEM)	Dissimilar joints are installed in super heater, Re-heater, Divisional panel etc. and reducers are installed in water wall hanger tubes, extended water wall panel, roof tube, hanger tubes (2nd pass) etc. These pressure parts are critical in nature, cannot fabricate at site. These pressure parts were not supplied under mandatory spare package by BHEL.Boiler has to be overhauled in May 2020. During overhauling of the unit, thickness survey (de-metering) of pressure parts has to be done and replaced if required.So indented items have been procured from BHEL on OEM basis.	DVC/Contract/BTPS/MS-I A/C&M/Supply/00093 Dated 26/03/2021	21,10,800.00
12	BTPS	Up-keepment & cleaning work of BTPS 'A' Plant buildings, Roads & Drains, Toilet blocks etc. including supply of cleaning materials/equipments.	SULABH INTERNATIONAL SOCIAL SERVICE ORGANISATION	Single(SSC,SS,Other than PSU)	M/s SULABH INTERNATIONAL SOCIAL SERVICE ORGANISATION has been single source standardised for a period of three years for the subject work order vide order no.DVC/BTPS/SS CERTIFICATE/03642 DT.05.02.2018 subject to review of performance after 02 years.At present sulabh has been engaged for the up keepment and cleaning work of BTPS A plant buildings,roads,drains,toilet blocks etc.,the contract for which is going to expire on 31.03.2021.It is necessary to continue the cleaning work of above mentioned places.	DVC/Contract/BTPS/CIVIL A/C&M/Works and Service/00044 Dated 30/03/2021	89,90,700.00

13	BTPS	Re-installation and re-commissioning of 2 X 107 YKP-11 battery bank installed at RAW water MCC room pertaining to OPH (E) of 1X500 MW unit, DVC, BTPS	EXIDE INDUSTRIES LIMITED	Single(OES,OEM)	<p>There are two number of battery banks installed at RAW water MCC room pertaining to OPH (E) of 1X500 MW unit which were commissioned in year 2016 and now in service since 2016 for providing the DC supply to the DC switch gear supply of the equipments and emergency lighting under water package, DM plant of 1X500 MW unit. Though the battery banks are in service but some problems such as improper alignment of cells in row, there is no even minimum gap maintained between cells, cell leakage voltage with respect to earth etc. persist , because of which it becomes very much difficult to maintain the safe and healthiness of battery banks. Hence the OEM, M/s Exide industries limited were requested to send their representative to BTPS for a survey for health check-up of battery bank and as per our request the survey was conducted in the month of January 2020 by the OEM. Based on survey report, as per their recommendation the temporary action has been taken to maintain the safety of the DC system but for longevity and safety of the battery bank and the DC system, the job being specific and critical nature, its felt necessary to go for once for re-installation and re-commissioning of 2 X 107 YKP-11 battery bank by the OEM, M/s Exide industries limited to sort out all the problems associated with battery banks and to have the capacity test with both of the battery banks</p>	DVC/Contract/BTPS/ES-II A/C&M/Works and Service/00048 Dated 24/03/2021	140000
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