

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

PERIOD : JUNE, 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 SPARES FOR WET ASH SYSTEM PERTAINING TO ASH HANDLING PLANT,1x500 MW, BTPS.	M/s. MACAWBER BEEKAY PVT. LIMITED	Single(PAC)	<p>There are two types of provision for extraction of Fly ash collected in ESP i.e. wet mode or dry mode. Vacuum system is adopted at BTPS for extraction of fly ash from ESP hoppers to FAE Tower. From FAE Tower, Fly ash can be evacuated either in dry mode through ISH/D pump or in ash slurry through wetting head and collecting head. There is one diffuser, one air washer and one ejector body for each ESP pass. Wetting head diffuser is very critical part of wet system and it is discharging wet ash from wetting head to collecting tank. Erosion of wetting head diffuser and ejector body may lead to poor evacuation from ESP or complete stoppage of ESP fly ash in wet mode. During overhauling of unit, it is observed that two nos. of wetting head diffuser in eroded condition and needs to be replaced in coming days. During the normal course of operation, diffuser undergo high amount of erosion as fly ash fly ash contains a significant amount of silicon dioxide and calcium oxide, which make it frictional and abrasive. Damage of aforesaid items may lead to stoppage of fly ash evacuation from ESP and resulting in generation loss. Hence it requires replacement before complete damage for sustain and reliable generation with proper ash evacuation.</p> <p>In view of aforementioned facts, it is felt prudent to procure aforesaid items from M/s. MACAWBER BEEKAY PVT. LIMITED through single Tender.</p>	GEM Order-GEMC-511687724199281, GEM- Order-GEMC-511687789781441, GEM Order-GEMC-511687709046192, GEM Order-GEMC-511687734577618, GEM Order-GEMC-511687725741585, GEM Order- GEMC-511687723767998, GEM Order-GEMC-511687728069401 dt.11.06.2022	12,80,005.59

2		Procurement of spares of M/s Hindhusthan Thermometers make Igniters system on OEM Basis for BTPS-A (1X500 MW), DVC	HINDUSTHAN THERMOMETER S	Single(OES, OEM)	<p>The spark-Rod Tip is a critical component in the Igniter system which converts the electrical discharge into high energy sparks of sufficient energy for ignition of oil particles. The igniter is designed to produce rapid pulses (Arcs) across its outer surface. In producing these arcs metal is eroded which requires periodic replacement of the spark Rod Tip. The material is consumable in nature. Igniter is necessary for taking Oil Gun in service for Lite-up of Unit (Hot/ Cold Start-up), ignition energy support for taking mill in service and also in oil gun support for running unit. So non availability of spares may lead to non availability of oil gun in above mention condition and directly affects our generation.To get better performance and reliability of operation of the system it is proposed to procure the items on OEM basis for exact retrofit & technical requirement of scheme.</p>	DVC/Contract/BTPS /C&I A/C&M/Supply/000 92 Dated 30/06/2022	1,89,600.00
3		Procurement of spares for Gear Box , make-Triveni Engineering, of TDBFP sets installed at BTPS-1X500 MW unit.	TRIVENI ENGINEERING AND INDUSTRIES LIMITED	Single(OES, OEM)	<p>BTPS A 1X500 MW having two (02) nos. of TDBFP which is used for feeding water from D/A to Boiler. The main Boiler feed pump is directly connected to drive Turbine whereas the booster pump connected through a reducing gear arrangement.TDBFP is one of the vital equipment of 500 MW unit, so Gear box assembly of TDBFP is considered as critical equipment in nature. Any problem in gear drive would not only make TDBFP unavailable but will increase APC of the unit due to running of MDBFP in place of TDBFP. Installed gear box assemblies are in service from inception. With passage of time, internal wear and tear or other unknown difficulties cannot be avoided. As such timely maintenance/ replacement of the said spares are required to be carried out for getting effective performance. Hence, in order to meet any exigency or from proactive maintenance point of view, recommended spares of gear box assembly to be kept in stock.The manufacturer of this gear box is M/s Triveni Engg & Industries Ltd. and their gear box performance is satisfactory. For reliability, 1:1 interchangeability & fitment as well as for least maintenance downtime, it is felt prudent to procure the spares of gear box from OEM.</p>	DVC/Contract/BTPS /TG A/C&M/Supply/001 22 Dated 30/06/2022	56,96,476.80
					WORK ORDERS		

	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
	BTPS	ARC for maintenance/ servicing of three(03) nos. M/S ECE make passenger elevators in technical building and ESP building area pertaining to 1X500MW unit DVC,BTPS.	M/s ECE Industries Ltd	Single(OES, OEM)	There are total three nos. (03) ECE-make Elevators (02 nos. passenger Elevators at Technical building and 01 no. at ESP building) installed at 1x500MW Unit of DVC, BTPS. M/S ECE Industries Ltd is the manufacturer of these passenger Elevators. These lifts are used for various operation and maintenance activities related to the Unit and availability of Elevators of Technical building is also very necessary for day to day work. Regular servicing/maintenance of these lifts are very much essential for their smooth functioning as well as for the safety of the man and materials. Non-availability of the lifts may cause delay in operation and maintenance activities. Hence, these Lifts must be always available in healthy condition at each instant to assist in different activities of the Unit. Routine checking, servicing and necessary repair/ rectification works is very much essential to ensure their healthiness and to get trouble free service. The regular maintenance/servicing of these lifts is very much essential for its smooth functioning and also from the safety point of view. During this servicing/maintenance contract all these components will be checked on routine basis for their respective healthiness and necessary repair/rectification will be done as per requirement to ensure their reliable service. M/S ECE Industries Ltd, an OEM is the manufacturer of the said lifts i.e. it has supplied, erected and commissioned these lifts and they have the expertise in carrying out the job of maintenance/servicing of these lifts. Therefore, it is proposed to engage the firm M/S ECE Industries Ltd., OEM for carrying out the job of maintenance/servicing of our three nos. ECE make lifts on ARC basis.	DVC/Contract/BTPS /ES-I A/C&M/Works and Service/00054 Dated 01/06/2022	9,60,792.00