DETAILS OF CONTRACTS AWARDED ON SINGLE TENDERS (OES,OEM) BASIS

PERIOD : FEBRUARY, 2024

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	Related DFP under which the Work has been awarded	Status of Work
1		Spares for ABB Make Analyser Instruments	INDIA LIMITED	Single(OES,OEM)	These analysers mainly Sodium, conductivity & pH analysers were installed in CPU Package of BTPS-A for monitoring vital online parameters. this analysers were directly helps in maintaining water quality in condensate cycle and unavailability of this analysers leads to disturbance in plant water chemistry, causing hindrance in the smooth operation. These spares are critical in nature. So the procurement of this item is required to minimize equipment downtime as well as for smooth functioning of the system as a whole. To get better performance and reliability of operation of the system it is felt to keep minimum spares in hand, and so it is proposed to procure the quantity as mentioned in demand note on OEM basis for exact retrofit & technical requirement of scheme.	AND DVC/Contract/BTPS/C& I A/C&M/Supply/00125 Dated 10/02/2024	1053827.00	8.3(i) of DFP Generation(O & M) AND System, 2015	

					Purchase Order from BTPS for HQ				
1	BTPS	Procurement of Micro controller card set and compressor for Blue Star make (Electrical Operated) screw chiller at Centralized AC Chiller system of BTPS A (1*500MW).	M/S SAI CONSTRUCTI ON	Single(OES,OEM)	There are altogether Two (02) nos. of Screw chiller units for power house and Two (02) nos. of Screw chiller units for technical building installed at central air conditioning plant of BTPS "A" DVC and Each chiller units consists of Two (02) nos. of compressors. These screw chillers are in Continuous operation for maintaining the desired temperature required for optimizing the performance of various Electronics cards/PLC panels at the various locations of BTPS "A" such as BTG control room, UPS, Battery Charger, ESP & VFD control room and Technical Buildings. Breakdown of Central AC plant may cause the failure of Electrical, Max DNA system, instrumentation system which results spurious tripping of the system as well as generation loss. Therefore, spare compressor for power house chiller and as two micro controller card are working under repaired condition and needs urgent replacement. So, three numbers (one number to be kept as spare) micro controller card sets of Screw chillers are essential for Uninterrupted operation of the chillers of Central Air Conditioning Plants. Considering the above, it is proposed to procure the spare compressor for power house chiller and micro controller card sets for power house and technical building chillers from OES for one to one fitment and better technical suitability. Items are mentioned in OEM/OES list issued by ED(C&M) vide no DVC/Head Quarter/CMM/861 dated 04.11.2022. Hence proposed to procure indented items on OES i.e M/s Bluestar Limited.	GEMC-511687706755591 (DVC/Contract/Head Quarter/ES-II A/CMM/Supply/00005/ Capital) Dated 02/02/2024	3108812.80	2.3(i) of DFP ርቈM.	

2	Procurement of Steel Material from M/S Sail for DVC BTPS on Single (PSU) basis.	SAIL BOKARO STEEL PLANT	Single(section of BTPS, procurement action for Steel materials has been initiated. The items indented for procurement will be utilized during the proposed overhauling of DVC BTPS-A (1X500 MW) and in day to maintenance work of Coal mill, dozers, Conveyor gallery, Coal feeding Chutes, Bunker	[(GEMC- 511687772938723 Date: 01-02-2024) / (DVC/Contract/Head Quarter/MPC A/CMM/Supply/00002)] Dated 01/02/2024	8304000.00	2.3(ii) of DFP C&M	
3	Procurement of siemens make smart positioner for 1X500 MW, BTPS	MSA instruments	Single(OES,OEM)	spary, Reheater Spray, HP Heater drip, LP Heater Drip, HFO heating. All these actuators are very important to operate from remote desk and necessary to be kept in auto mode for smooth plant operation, for that used positioner should be	GEMC-511687771115967 Generated Date : 09- Feb- 2024,DVC/Contract/He ad Quarter/C&I A/CMM/Supply/00005 Dated 10/02/2024	635920.00	2.3(i) of DFP C&M	

4	BTPS	Procurement of Main Turbine governing system supply rack duplex Filter element, Make- BOLL & KIRCH, installed in BTPS- 1X500 MW Unit.	M/s SBTC TECH SOLUTIONS	Single(OES,OEM)		511687724839233 Generated Date : 08- Feb- 2024,DVC/Contract/He	2.3(i) of DFP C&M	
5	BTPS		M/s BHEL, PSER	Single(OES,OEM)	required for the proposed capital overhauling of the unit. As such, considering the above facts, we are intending to spare for Capital Overhauling and Recommended Critical spares for Main Turbine. The indented item was not procured earlier and	[(GEMC- 511687741884992Date; 10/02/2024) / (DVC/Contract/Head Quarter/TG A/CMM/Supply/00010)] Dated 13/02/2024	2.3(i) of DFP C&M	

6	BTPS	· · · · · · · · · · · · · · · · · · ·		Single(OES,OEM)	hoists, one is Auxiliary hoist of capacity 30 Ton, and another	GEMC-511687741378326 (DVC/Contract/Head Quarter/TG A/CMM/Supply/00011) Dated 13/02/2024	4683774.00	2.3(i) of DFP C&M.	
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	/	BTPS	Procurement of	FLUID TECH			Contract No: GEMC-	14852543.80	2.3(i) of DFP	
			Complete Bowl	AGENCIES			511687728367823		C&M	
			Assembly for Raw				Generated Date : 19-			
			water, Ash water,			In the Intake Pump house, there are three numbers of RAW Water	Feb-			
			CT Make-up &				2024,DVC/Contract/He			
			Complete Thrust			water pumps discharge the river water to the clarifloculator through	ad Quarter/MS-II			
			Stand Assy. of ACW			the aerator and finally, clear water to the clear water tank in the	A/CMM/Supply/00002/			
			Pump of			water treatment plant and this clear water is supplied for the NDCT	Capital Dated			
			BTPS(1X500MW)			basin as makeup water by CT MAKEUP PUMP. There are two no. of	20/02/2024			
						CTMUP pumps (A, B) in the water treatment plant, due to				
						evaporation loss in the natural draft cooling tower these pumps				
						supply make-up water to NDCT Basin almost continuously by running				
						one pump and one in standby. Also, this clear water is used for the				
						fire pump house storage tank, that water is used in the fire line				
						system or in the emulsifier system which is very critical. There are				
						two (02) nos. of CT MAKEUP PUMP in the water treatment plant of				
						BTPS(1X500MW). CTMUP supplies clear water to NDCT Basin. These				
					ŝ	pumps are critical in nature as their poor discharge may hamper the				
)EV	CT basin level in the CW pump house. Ultimately, impact on				
					.S, (TG/Boiler side auxiliary cooling water system and condenser				
					OE	vacuum. Also, the Intake pump house of BTPS 1X500MW is having				
					gle(three (03) nos. of Ash water pumps that supply ash water to Ash				
					Single(OES,OEM)	Plant, almost on a regular basis for makeup water in the ash sump.				
					S	These pumps handle direct river water due to this wear & tear,				
						which requires routine overhauling/checking as and when the				
						problem comes. There are two nos. of ACW Pumps -Size-35H; Stage-				
						1; Capacity:3650 M3/Hr; Total head:42.2 Mtr; RPM:991 Make: M/s				
						Flowmore Ltd. for BTPS(1X500MW) installed at CW pump house, out				
						of which one no. of ACW pump running continuously to maintain the				
						temperature of cooling water for auxiliary equipment's of TG $\&$				
						Boiler side through heat exchangers which in turn aims in stable				
						running of different auxiliaries to sustain steady generation of the				
						unit. An outage of this equipment has a direct impact on the				
						generation of the unit. Moreover, it is necessary to maintain some				
						minimum stock of critical spares to meet any eventuality.				
						Therefore, taking into consideration as mentioned above, it is				
						proposed to go for procurement of such capital items on a single				
						(OES, OEM) basis from M/s FLOWMORE LIMITED.				

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8	BTPS	Procurement of	M/s			GEMC-511687714386103	1415928.00	. ,	
		Spares for Fire	STARLIGHT			(DVC/Contract/Head		C&M	
		Detection System &	TECHNOLOGI		Detection System & alarm system, Inert Gas & ASD System had been	Quarter/C&I			
		alarm system	ES PRIVATE		supplied erected and commissioned under EPC Contract and are in	A/CMM/Supply/00004)			
		microprocessor	LIMITED		a main a single construction in difference be action for all and the t	Dated 13/02/2024			
		based, Inert Gas &			includes Main Powerhouse, Ash Handling Plant, Water Package (DM				
					Plant as well as PT Plant), CHP Package and administrative Building				
		ASD System of M/s			(newly constructed) of BTPS. The Fire detectors were installed to				
		Honeywell make			detect one or more of the three characteristics of fire-smoke, heat,				
		installed in			and flame by means of smoke detector, heat detectors and LHS				
		DVC,BTPS.			Cables. During a fire the importance of activation of the occupants				
				OEM)	through alarm or bell is very well required likewise actuation of				
					spray/hydrant system. The Fire Detection system is not only helpful				
				Single (OES	in prevention of fire hazards but also provide comprehensive				
				e()					
)gle	security for any type of fire accident. And also the said system helps				
				Sir	in not compromising with Fire safety of individual as well as				
					equipment's & offices too . Any breakdown in Fire Detection				
					System, Inert Gas & ASD System has directly impacts Plant				
					Generation as well as damage of plant property. At present no				
					spares are supplied against this System to BTPS-A. So, it is felt				
					prudent to procure Spares for these Fire detection System installed				
					in BTPS-A (1X500MW) on OEM Basis (i.e./s Honeywell), to minimize				
					equipment downtime as well as for smooth functioning of the				
					system.				

9	BTPS	•	Atlas Copco(India) Limited	Single(OES, OEM)	ensures the moisture free quality air supply to all pneumatic instruments of the plant as well as for other services related to maintenance works. The healthiness and availability of the	GEMC-511687769076899 and DVC/Contract/Head Quarter/TG A/CMM/Supply/00012 Dated 22/02/2024	2201514.20	2.3(i) of DFP C&M.	
10	BTPS	Spares for TDBFP Oil	AL PRIVATE LIMITED	Single(OES,OEM)	Two (02) nos. Oil centrifuge, model- OTC 5-91-067 is installed in TDBFP Lubrication oil system at BTPS-1X500 MW unit. TDBFP set Lubrication oil is subjected to stringent requirements in terms of purity, since the components which come into contact with that oil can be adversely affected by solid or liquid contaminants. The function of 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 TDBFP set which is directly linked with unit generation. As such, considering the above facts, spares of required quantity has been identified and is being proposed for procurement. Proposed quantity of spares is required for overhauling/servicing of oil centrifuge for TDBFP # A & B and available spares which were procured earlier have been consumed after 16000 hrs completion of Both centrifuges. Now, present stock of item is nil. These spares are required for next periodic servicing of 16000 running hours as per service report by the OEM.	GEMC-511687773586396 and DVC/Contract/Head Quarter/TG A/CMM/Supply/00013 Dated 24/02/2024	474604.00	2.3(i) of DFP C&M	

	WORK ORDERS												
SI 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	Related DFP under which the Work has been awarded	Status of Work				
1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL					
	Work Order from BTPS for HQ												
1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL					