

	<b>DETAILS OF CONTRACTS AWARDED ON SINGLE TENDERS (OES,OEM) BASIS</b>								
	<b>PERIOD : NOVEMBER, 2023.</b>								
	<b><u>PURCHASE ORDERS</u></b>								
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	BTPS	Procurement of Spares for Siemens make positioner for 1*500 MW, BTPS	MSA instruments	Single(OES,OEM)	<p>Siemens make single acting smart positioner are installed alongwith different control valves for remote and automatic operation of that valves. These control valves are part of different automatic control loops i.e. SH spray, RH spray, Hotwell level, D/A level, TDBFP temperature control and many others. Healthy operation of smart positioner is very much critical in view of smooth and trouble free operation of these control loops of power plant.</p> <p>Some of these control valves are installed in very heat prone area, where steam leakage used to happen very often like SH spary and RH spray. Due to that smart positioners got damaged and its performance has been also affected. For these heat prone area NCS sensor module will be utilized for remote operation of positioner. We have 05 numbers of single acting smart positioner which became inoperative due to unhealthiness of its one or more components like pneumatic blocks. This component (pneumatic block) is replaceable and once replaced will give new life of defective positioner. The cost of this component is very low as compared to the full set of smart positioner.</p> <p>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 &amp; technical requirement of scheme. Demanded quantity is given considering the procurement lead time.</p>	GEMC-511687786306295 Dated: 06/11/2023; DVC/Contract/BTPS/C&I A/C&M/Supply/00123 Dated 07/11/2023	<b>438577.68</b>	8.3(i) of DFP Generation(O & M) AND System, 2015	---

2	BTPS	Procurement of straight tubes of Boiler (1x500 MW) Unit	Bharat Heavy Electricals Limited, SSBG-Eastern Region.	Single(OES,OEM)	Boiler tubes of different size and specification installed in Boiler, BTPS (1X500 MW) Unit, DVC. As ash content is high in Indian coal which causes erosion of tubes by flue gas in mostly second pass viz LTSH and Economizer Coils of the Boiler. With continuous usage over the years, considerable reduction in thickness of the tubes occurs which requires replacement of the damaged part to avoid tube leakage in future. It has also been experienced that huge quantity of water wall tubes, LTSH & Economiser tubes consumed during capital overhauling of the Boiler & Aux which is scheduled in year 2024 as per Overhauling Rolling Plan. Moreover the Boiler tubes are listed as critical spares in critical spare list issued by OS & U, HQ, Kolkata and also enlisted in OEM list issued from HQ, Kolkata. In view of the above, it is proposed to procure the items from OEM, BHEL on single (OEM/OES) tendering basis (GEM) via custom bid.	GEMC-511687750153397 dated 03-11-2023 ( DVC/Contract/BTPS/MS-I A/C&M/Supply/00123) Dated 07/11/2023	21553205.00	8.3(i) of DFP Generation(O & M) AND System, 2015	---
3	BTPS	Procurement of spares for M/s BHEL make 3.3KV, VM12, vacuum contactor type breaker installed at MCC#2 of CHP 1*500MW unit of DVC BTPS on OEM.	Bharat Heavy Electricals Limited,ROD Ranchi	Single(OES,OEM)	There are a total of 12 numbers of 3.3KV BHEL make HT vacuum contactor type breakers installed to feed power to HT Motor pertaining to CHP of 1X500 MW unit which are in service since inception of main path CHP and subject to periodic switching operation, schedule change over due to preventive maintenance schedule and due to breakdown maintenance etc. The above motor feeders (including the spare breaker to be kept ready for immediate replacement in case breakdown of in service breaker) need to be always in healthy condition to sustain the unit generation as these motor feeders are required to feed the bunker. Due to ageing and switching operations of these breakers, the spare parts tends to deteriorate gradually, sometimes some spare parts fail accidentally due to fault (may be mechanical/ electrical) and without the healthy spares the respective breakers become unavailable and the respective feeders will become unavailable and effect the unit generation. Therefore, a minimum quantity of each of the spares of the respective breakers need to be always available so that the immediate replacement of the faulty/malfunctioning spares can be done with in minimum time period. A minimum number of each of spares will also be reserve for critical spares. The spares may also be required to replacement during overhauling of the respective breakers. So considering all the above mentioned conditions, the procurement of the spares for the VM12 vacuum contactor type Breakers is very much essential and the quantity to be procured is as per our current requirement as per our forecasting. M/S BHEL is the OEM of the 3.3KV VM12 vacuum contactor type Breaker. Hence for proper retrofitting with 1:1 interchangeability the procurement of spares of this breaker from OEM is felt very much essential.	GEMC-511687765405447 dated 06-11-2023 ( DVC/Contract/BTPS/ES-II A/C&M/Supply/00153) Dated 10/11/2023	1258348.00	8.3(i) of DFP Generation(O & M) AND System, 2015	---

Purchase Order from BTPS for HQ									
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	BTPS	Procurement of spares for BEML Dozer BD-355 & D-155	BEML LIMITED	Single(OES, OEM)	Dozers are vital for coal feeding as per CHP layout schema at BTPS as it is deployed for feeding as well as crushing, stacking & reclaiming of coal and dressing of raw & crushed coal yard. Hence, availability of Dozers are of utmost importance and are directly related to the generation of the plant. At present we have four nos BEML Dozers (03 nos D-155 Model & 01 no BD-355) are in operational for round the clock for coal feeding, coal crushing & dressing of coal yard. Dozer BD-355 is a high capacity main stay Dozer. Dozer Model BD-355 is very old & continuously under service at CHP since 2006. At BTPS coal feeding, dressing & stacking is being done with the help of departmental Dozers. After COD of 500MW unit, running hours of dozers have been increased due to increased quantity for coal feeding in the running units of BTPS. At BTPS coal dressing & stacking of both yard is being done with the help of departmental Dozers. Moreover, there is no other alternative to feed coal as per CHP layout for sustained generation. Dozers are subjected to adverse working condition subjected to wear & tear of its spares have also been increased with enhance running hours. As such, availability of spares is essential to be kept Dozes in operational. Hence, aforesaid spares as per its condition requiring replacement and bare minimum spares for ensuring its availability is required to be procured from OEM i.e. BEML Ltd.	DVC/Contract/Head Quarter/CHP-1/CMM/Supply/00008 Dated 06/11/2023 ( GEMC-511687790598327 Dated 06/11/2023)	16004710.52	2.3(i) of DFP C&M	---



WORK 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	BTPS	Proposal for Annual Rate contract for maintenance of two (02) no. Alikraft make Rack and Pinion type elevator in CHP,BTPS for period of two(02) years on OEM basis.	ALIKRAFT ENGINEERS PVT. LTD.	Single(OES, OEM)	Proper functioning of rack and pinion elevators located at TP#3 and crusher house of CHP are required for round the clock operation and maintenance activities and to collect coal sample from coal sampling unit installed at TP#3. These lifts are continuous in service. Periodic servicing of elevator mechanism i.e electromagnetic and mechanical braking system, gear oils, ropes, safety devices etc. are required for safety of men and machine along with urgent breakdown by expert's visit. As the job of servicing/maintenance is of specialized in nature, trained technical service personnel will be required for servicing of the elevators as it involves safety of man and material further it should be noted that the emergency handling(like emergency release Braking, safety devices) are located inside the cage of the lift and no outside help is possible during emergency situation. Annual Rate Contract (ARC) appears to be very convenient and effective means in getting access to go for immediate/planned servicing action. Also there is inadequate departmental Strength and infra-structure to carry the proposed job as it needs expertise to carry out the the servicing, breakdown maintenance and health check-up of these elevators. Therefore, it is proposed to engage OEM, M/s Alikraft Engineers Pvt. Ltd having expertise for the same to carry out the subject job.	DVC/Contract/BTPS/ES-II A/C&M/Works and Service/00083 Dated 01/12/2023 (GEMC-511687755775333 Dated 18/11/2023)	481440.00	4.3(a) of DFP Generation(O & M) AND System, 2015	---