

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

PERIOD : April-2024									
Sl. No	Name of the Project	Details of Work	Name of the Awardee	Type or Nature of Single Tenders (OEM / OES/PAC/SS etc.)	Reason / Justification for awarding the work on Single Tender Basis	Work Order No. and Date	Value of Contract Awarded	Related DFP under which the Work has been awarded	Status of Work
1	BTPS/HQ	Procurement of Mechanical seal and its spares for Boiler Feed Pump, Booster Pump & their Seal water skids, Make-Eagle Burgmann for BTPS 1X500 MW Unit.	RANCHI ELECTRICALS, OEM- EAGLE BURGMANN INDIA PVT. LTD	OEM	Proposed quantity shall be consumed during servicing of the BFPs being planned to be carried out in COH of the unit. These spares will also be consumed as per requirement within 1-1.5 years depending upon the operating performance	DVC/Contract/Head Quarter/TG A/CMM/Supply/00020; GEMC-511687763842561, Dated-25-Apr-2024	5500880.2	2.3(i)	

2	BTPS/HQ	Procurement of Ash Level High probe of ESP Hopper pertaining to 1x500 MW Unit of DVC,BTPS.	EIP ENVIRO LEVEL CONTROLS PVT LTD	OEM	For one to one replacement and technical compatibility. To maintain the ESP in healthy condition of any generating unit is of high priority for maintaining the dust emission within the permissible limit as directed by statutory body. Ash Level Indicators (RF Type Level switch) are used in each Hoppers of the ESP Fields for Alarm and Tripping of the field if Ash Level crosses the predefined Level in the Hopper. If any of the Ash Level Indicator malfunction, then the level of the Ash in that particular hopper can rise up and can reach the field area and can damage the collecting plates and emitting electrodes. This can make the fields not available and can deteriorate the performance of ESP. There are total 160 Nos of hopper in continuous service and are very critical components of our ESP. So, for maintaining the ESP in healthy condition, Ash level Indicator should function properly. The subject procurement is proposed through OEM/OES basis because there will be problem of fitting, material composition, shape and size of the items i.e. 1:1 interchangeability. Also the proposed spare items will be used in the ESP so any spares other than OEM/OES at the time of the exigency will not to be justified. Therefore, considering the above facts, it is proposed to procure the ESP spares from OEM/OES i.e. EIP ENVIRO LEVEL CONTROLS PVT LTD. This will ascertain healthy availability of the ESP fields and thus help in smooth, efficient and reliable operation of the ESP of BTPS-A.	DVC/Contract/Head Quarter/ES-I A/CMM/Supply/00003; GEMC-511687795476489, Dated 22-Apr-2024	831900	2.3(i)	
3	BTPS/HQ	Procurement of Spare TSI instruments for BTPS A, 1*500 MW	FORBES MARSHALL PVT. LTD	OEM	These mounting brackets are required for installing shaft vibration probes of bearing no 5 and 6, for installing Rotor expansion probe for HP, IP and LP rotor expansion and for installing axial shift probes of main turbine. Malfunctioning or non-availability of these items may lead to unavailability of Main turbine and compromise the safety of Turbine and may affect the Generation. 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	DVC/Contract/Head Quarter/C&I A/CMM/Supply/00007; GEMC-511687715310195, Dated 22-Apr-2024	246561	2.3(i)	

4	BTPS/HQ	Procurement of spares of Rotork Make Actuator installed at CHP main path of 1*500MW unit of DVC BTPS on OEM basis	Rotork Controls(India)Pvt. Ltd.	OEM	<p>There are total 08 Nos. of motorized actuators of Rotork make, model no. KL150F10A and 02 Nos. of motorized actuators of Rotork make, model no. K1000F16E installed CHP main path. The main function of these actuators is to operate the corresponding Flap gates attached to the actuators. These actuators play very vital role in feeding the coal to bunkers of the unit as these are operated frequently for feeding the coal through selected path/conveyor belt avoiding spillage of coal. Thus these have direct impact on the generation of Unit. Hence for smooth and reliable operation, healthiness of these actuators is very vital. It has been observed during day to day O&M activities that there are reports of breakdown/mal-functioning of these actuators as these are subjected to be operated in dusty/ heat and moisture prone areas. So, the spares of these actuators are very important to attend such reports in the reduced time and some will be kept as spare for use during exigency. The quantity to be procured is as per our current requirement as well as keeping in view the future need. These indented items are spares of Rotork make actuators and will be utilized for replacement of defective parts of the actuators as and when required. Items mentioned are being procured for the first time after main CHP equipment's are put on to service. The indented items are bare minimum considering stock position, running condition and installed capacity so as to be prepared during failure/maloperation in near future. Items are enlisted in annexure II, Electrical OEM/OES list page no. 6 under Motorized Actuators describing "Spares of actuator, Complete actuators for 1:1 replacement" of 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 OEM basis.</p>	DVC/Contract/Head Quarter/ES-II A/CMM/Supply/00007; GEMC-511687712155273, dated 13-Apr-2024	547348	2.3(i)	
---	---------	---	---------------------------------	-----	---	---	--------	--------	--

5	BTPS/HQ	Procurement of cast resin metering CT and spares of Siemens make module pertaining to ES-I @ ES-II section, DVC, BTPS through GEM Portal.	M/s MIRC ELECTRO TRADE PVT. LTD.	OEM	<p>Combined Ash Slurry System is the only route for the Wet Ash Evacuation of 1x 500MW Units of BTPS. The equipments, panels, modules are continuously in service since inception for running of the 1x500MW unit of BTPS. The outage of CASS has direct impact on the generation of units. The System consists of around 29 nos. 6.6KV HT drive and several nos. of LT Drive including the Ash water recovery system and Ash water system. The indented items such as power contactors of different rating, Auxiliary contactors, Switch disconnecter fuse, cast resin current transformer for metering purpose etc. are spares of 415V MCC modules feeding power to different equipments of combined ash slurry system, Ash handling plant and ash water recovery system. These items are more damaged due to frequent starting and stopping of equipment as per operational requirement and due to ageing, malfunctioning of these items are faced regularly and it is creating difficulty in smooth functioning of the equipments and in turn the whole system. Power contactor of different ratings (110V coil voltage) is used for electric hoist of PA Fan & ID Fan area of 1X500 MW unit. These spares will be used for replacement of damaged/defective items during day-to-day routine /preventive maintenance and for breakdown maintenance of the Panel/Modules. Therefore, the replacement of the same is felt very much essential for safe, smooth and reliable operation of the equipment and minimize the breakdown time of the equipments and also for smooth running of CASS, Ash water recovery system & Ash water system. All the indented items are covered under the OEM/OES list under page No. 3/8 of annx-II (spares of circuit breakers/switchgears/panels) of O/O no.- DVC/Head quarter/CMM/861 dated 04/11/2022. As the existing spares are of M/S Siemens-make, therefore the procurement of indent items from M/S Siemens is very much essential for 1:1 replacement, proper retrofitting and to avoid any circuitry modification in the existing system. The quantity proposed is as per our current requirement and will be used for replacement of damaged ones and few will be kept as spare for use during exigency.</p>	GEMC-511687733515541 (DVC/Contract/Head Quarter/ES-I A/CMM/Supply/00002), Dated 10-Apr-2024	1140102.6	2.3(i)	
---	---------	---	----------------------------------	-----	---	---	-----------	--------	--

6	BTPS/HQ	Procurement of NDCT Blow-down Submersible Pump for DVC, BTPS (IX500MW); KSB Make, Type- KRTK 100-315/234 on OEM basis	KSB LTD, Jamshedpur	OEM	There are two (02) nos. of NDCT Blow down pump installed at water package, BTPS, DVC. These pumps play vital role in maintaining the quality of cooling water. The cooling water are circulated by CW & ACW Pumps through condenser & other equipment to extract heat of steam/water for cooling purpose. The water quality is maintained within the operating range by controlling various parameters like PH, Turbidity & COC. Variation in any of these parameters will lead to scale formation in the condenser and heat exchangers which further effect the generation and overall operational efficiency of the power plant. All parameters of the water are maintained by chemical dosing and periodically blow down of NDCT basin water by blowdown pump. These pumps run approx. four to five hours daily for NDCT Blow down. Originally two (2) no. of Blow down pump of KSB make were installed, these pumps got damaged, as stock position of NDCT Blow down pump was nil so two vertical pumps were arranged from 'B' plant and installed in their place, but their performance was not as needed hence, there is a requirement of (2) no. of NDCT Blow down pump of KSB make. Procurement of the same model pump will lead to retrofitting and one to one replacement. Therefore, it is proposed to procure (2) no. of NDCT Blow down pump on OEM basis of KSB make.	DVC/Contract/Head Quarter/MS-II A/CMM/Supply/00003/Capital; GEMC-511687739706075; Dated 02-Apr-2024	1006000	2.3(i)	
7	BTPS/HQ	Procurement of filter cartridge for H2 & Air side seal oil filter and TDBFP Lube oil system, make – HYDAC, installed in BTPS-1X500 MW Unit.	M/s Hydrotech OEM-M/s Hydac	OEM	Duplex filter for H2 & Air side ensures clean oil flow to generator seal body, solid contaminants present in seal oil can flow to seal body and damage the Babbitt surface thereby enlarging seal clearance which could prove detrimental while breaking seal and leaking of H2 gas from inside of generator. Similarly, TDBFP lube oil duplex filter ensures clean oil flow to respective units. These filters are very critical for safeguarding the healthy running of individual systems which are directly linked with unit generation. Considering the criticality as per above, it is intended to procure spare filter elements of installed quantity. Present stock of the indented items is nil and is being procured to maintain minimum inventory. The indented items will be utilized to meet any exigency and also in case of any breakdown/ overhauling requirement.	GEMC-511687736617927/DVC /Contract/Head Quarter/TG A/CMM/Supply/00021; Dated 29-Apr-2024	866579.82	2.3(i)	

8	BTPS/HQ	Procurement of spares of Dome Valves pertaining to Ash Handling Plant of BTPS 1X500MW unit	FLUID TECH AGENCIES	OEM	<p>OEM BASIS HAS BEEN CHOSEN FOR BETTER FITMENT, INTERCHANGEABILITY, RELIABILITY AND BETTER UTILIZATION OF AVAILABLE PARTS OF VALVES AT SITE. The above dome valves installed at different areas handle dry (at high temperatures) and are subjected to continuous erosion and corrosion which makes them one of the fast-moving items of the Ash Handling Plant. The failure due to damage of the dome valves directly affects the Shut-Off Vacuum and Line Vacuum which ultimately affects the Ash Evacuation from the ESP hoppers and APH & Duct hoppers leading to high hopper levels of ESP, field outage of ESP & high stack levels, and disruption/decline of dry fly ash utilization. In view of the above, various spares of the valves are required for timely replacement of the damaged internals of the dome valves to keep the ash evacuation system healthy. Some of the spares of dome valves were procured earlier on OEM basis for selective areas as per the approved OEM/OEM list vide no. – DVC/Head Quarter/CMM/861 dated – 04.11.2022 vide PO no. -GEMC-511687792735681(DVC/Contract/Head Quarter/AHP/CMM/Supply/00020) Dated 28/09/2023 and have all been consumed and presently the stock position of the indented spares is NIL. An E Office file (copy attached) was initiated vide no. - GS-SUPL011/132/2023-BCD CIVIL BTPS for procurement of the spares of the dome valves of all the areas of the Ash Handling Plant on OEM basis, and the same has been approved. In the absence of the spares of the dome valves, it is very difficult to run the Ash Handling Plant. Also, the dry fly ash evacuation from the ESP hoppers is associated with valve operation, which upon failure may lead to high hopper levels and low vacuum, poor evacuation, and which in turn may finally lead to deterioration of Stack Parameters. Further, it is pertinent to mention that MoEF & CC has issued a notification (Copy attached) for fly ash utilization and 100% fly ash utilization is to be achieved in a phased manner which can only be achieved by keeping the evacuation system consisting of the above dome valves in the best condition. In view of the above it is proposed to procure the indented spares of the dome valves from M/s Macawber Beekay Pvt. Ltd. on OEM basis.</p>	GEMC-511687782081965/DVC/Contract/Head Quarter/AHP/CMM/Supply/00070; Dated 29-Apr-2024	8780884.1	2.3(i)	
9	BTPS/HQ	Proposal for Repair of Portable Vibration Analyzer cum Data Collector/ Balancer (Model: A4400 VA4 Pro II) from OES M/S MONITORING TECHNOLOGIES at Chennai.	MONITORING TECHNOLOGIES	OES	<p>The job is much specialized in nature and the indenter are not aware of existence of any competent agency in the market to take up these specialized jobs in India. and no other agency is in indenter's knowledge, capable to undertake the works/service at satisfactory level other than OEM (M/s. ADASH, Adash spol. s r.o. Hlubinská 32/1379 Ostrava, 702 00 Czech Republic) who have authorized the same to M/S MONITORING TECHNOLOGIES No.001, 7TH Floor, Tower-II, Sakthi Towers, 766, Anna Salai, Chennai-600002, CHENNAI, Pin code: 600002 to take services related to machine in India. The authorization certificate was also attached for reference in the indent.</p>	GEMC-511687792141418/DVC/Contract/Head Quarter/MPC A/CMM/Works and Service/00002; Dated 26-Apr-2024	386655	3.3(a)	

10	BTPS/HQ	Procurement of Spares For Main Turbine Control fluid Filters, MAKE-Hilliard Corporation, USA for BTPS A, 1X500 MW	KEMTECH INTERNATIONAL PRIVATE LIMITED	OEM	Main Turbine governing system is controlled & maintained by control fluid i.e FRF (Fire resistant Fluid) oil in BTPS A 1X500 MW. For smooth control and proper functioning of governing system, the quality and properties of control fluid is required to be maintained. Three types of filters viz. fullers earth filter, mechanical fine filter & dry filter installed in loop of governing system for regeneration & regain of properties of control fluid. Filters are consumable items in nature and its replacement is batch type.	DVC/Contract/Head Quarter/TG A/CMM/Supply/00019, Dated 16-Apr-2024	1453200	2.3(i)	
11	BTPS/HQ	Procurement of tube bends for BTPS (1X500 MW) Unit, DVC.	Bharat Heavy Electricals Limited, SSBG-Eastern Region.	OEM	Boiler tube bends consist of different profile, size & specification, installed in different location in Boiler, it cannot fabricate at site due to non-availability of special tools & tackles and heat treatment equipment. As ash content is high in Indian coal which causes erosion of Boiler pressure parts by flue gas. With continuous usage over the years, considerable reduction in thickness of the pressure parts occurs which requires replacement to avoid tube leakage. During capital overhauling of the Boiler, coils of different zones like RH, LTSH, Economizer, access door bend tubes etc. are thoroughly checked and replaced if required. It has been experienced that good quantity of the Boiler pressure parts has to be consumed for replacement of eroded/damaged tubes bend to avoid tube leakage or minimize the frequency of the Boiler tube leakage which is required for sustainable power generation and healthiness of the Boiler. Among them, some tube bends are also listed in approved Critical Spares list & OEM list	GEMC-511687775092329: DVC/Contract/Head Quarter/MS-I A/CMM/Supply/00008, Dated 09-Apr-2024	9039149.1	2.3(i)	
12	BTPS/HQ	Procurement of Recommended spares for Main Plant Compressor Dryer Rotor, Model MD 600, make: ACIL (Atlas Copco India Ltd.)	Atlas Copco(India) Limited	OEM	Recommended spares required for servicing/overhauling of the compressors & Dryers for next ARC visit has been sought out. Copy of mail regarding recommendation and service reports are attached for kind information. These spares are proprietary items of the OEM and are made exclusively as per design requirement of the unit. Considering the necessity as per above, it is being intended to procure One set of rotor drum for Dryers each for IA&SA Compressors, total four (04) nos. in quantity. Present stock of the indented items is nil and is being procured for servicing/overhauling requirement	GEMC-511687759852446: DVC/Contract/Head Quarter/TG A/CMM/Supply/00018/ Capital; Dated 08-Apr-2024	8016108	2.3(i)	

13	BTPS/HQ	Procurement of different types of MAL valves installed in high energy drain line of Turbine for BTPS-1X500 MW, DVC	POWER TECH CORPORATION	OEM	There are total 14(Fourteen) nos. of High pressure and temp. valves installed in Turbine drain system known as “MAL Valves with tag MAL# 11, 12, 22, 26, 27, 31, 32, 47, 51, 52, 54, 55, 65, 81, in different drain lines of turbine to flash box. The flash box is ultimately connected to condenser. Since these valves are under continuous operation and subjected to extreme temperature and pressure, in due course of running the leaking of valves are imminent due to wear and tear of trim assembly. These valves are non-serviceable types and leaking is not desirable, if passing persist through these valves, there shall be substantial loss of high energy steam & subsequently that of the efficiency of unit. Now, among these valves MAL#11,12, 22, 26, 27, 31, 32, 51, 54 have been reported for passing as per report submitted by MPC. For one to one replacement and reliability.	DVC/Contract/Head Quarter/TG A/CMM/Supply/00017/ Capital; Dated 05-Apr-2024	6058517	2.3(i)	
14	BTPS	Extension of existing contract of DGR sponsored Security Agency for security coverage at DVC Bermo Mines for further period of 03 months w.e.f. 01.05.2024	M/s 6584 Manmohan Singh Shergil Security Agency	Single	Considering the remoteness of DVC Bermo Mines, Corporation has provided DGR sponsored Security Agency for security coverage of DVC Bermo Mines. At present, the security coverage is being provided by M/s 6584 Manmohan Singh Shergil Security Agency, Ranchi vide work order no. BT/B(O&M)/T/2023-2024/WC/Bermo/DGM(Mining & Agent)/528/W-122 dated 15.12.2023 for a period of four and a half month w.e.f. 15.12.2023 to 30.04.2024. Now, as indicated the aforesaid work order is going to expire on 30.04.2024. At present, procedure of handing over of DVC Bermo Mines to CCL is under process. As well, the aforementioned security agency has provided the sponsorship for six months by DGR, New Delhi vide order no. 2112/SA/DVC, Bermo Mines,Bokaro/2023/JHK/6584/7332/7971/Emp dated 02.11.2023. However, one and a half month period are still remaining in favour of M/s 6584 Manmohan Singh Shergil Security Agency. Also, extension of another 45 days from 16.06.2024 onwards has been obtained from DGR New Delhi. Therefore, in purview of above, it is proposed to extend the running contract of providing 33 nos. security personnel (02 Supervisors & 31 Guards-unarm) in favour of M/s 6584 Manmohan Singh Shergil Security Agency for another period of 03 months w.e.f. 01.05.2024 to 31.07.2024. It is to be intimated that the sanction order for engagement of 33 nos. security personnel (02 Supervisors & 31 Guards-unarm) from DVC Headquarter, Kolkata for period of one year starting from 01.05.2024 has already been issued vide sanction order no. Bermo/Security/PL15/9/(53317)/-572 dated 04.04.2024. Therefore, it is proposed to extend the existing contract under the sponsorship of M/s 6584 Manmohan Singh Shergil Security Agency, Ranchi for deployment of 33 nos. of security personnel (02 Supervisors & 31 Guards-unarm) w.e.f. 01.05.2024 for a period of three months or till the finalisation of fresh contract or handing over of Bermo Mines, whichever is earlier.	BT/B(O&M)/T/2024-25/WC/Bermo/DGM(Mining & Agent)/528/W-06 Dated 30/04/2024	s.50,32,235.00	17 (a) of DFP for OE-2013

