

	<u>DETAILS OF CONTRACTS AWARDED ON SINGLE TENDERS (OES,OEM) BASIS</u>									
	PERIOD : JANUARY, 2024									
<u>WORK ORDERS</u>										
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	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	---
Work Order from BTPS for HQ										
1	BTPS	Annual maintenance contract for two nos. Avery make road weigh bridges including unmanned system(Smart tower) for both weigh bridges installed at permanent Ash Pond, DVC, BTPS for 2 (Two) years period	M/s Avery India Ltd	Single(OES, OEM)	Two nos. road weigh-bridge& RFID system have installed at Permanent Ash Pond, DVC, BTPS for weighment of Hywas /Dumpers engaged for ash evacuation work from permanent ash pond at BTPS. The OEM of the both the road weigh-bridge & RFID system is M/s. Avery India Ltd. The equipment of the weigh-bridge & RFID system were supplied by M/s. Avery India Ltd. The weigh-bridges have to function round the clock as the ash evacuation is a continuous process for running the plant. Therefore, Annual Maintenance Contract for repairing/overhauling and preparation of machines for re-verification by Govt. Inspector in accordance with weight and measures Act., AMC of weigh-bridge is required. The OEM of weigh-bridge is M/s. Avery India Ltd, therefore the AMC of the same is required through them.	DVC/Contract/BTPS/CIVIL/C&M/Works and Service/00256 Dated 03/01/2024	709920.00	3.3(a) of DFP C&M	---	

2	BTPS	ARC for two (02) years for periodic Servicing/ Maintenance of Telephone Exchange (EPABX System) pertaining to 1X500 MW unit, DVC, BTPS.	V LINK SYSTEMS(P) LTD	Single(OES, OEM)	<p>The Telephone Exchange (EPABX system) of 1X500MW Unit of DVC, BTPS has been commissioned and is functioning smoothly in carrying out the job of intra communication among the different sections of power house for operation and maintenance activities. This new telephone exchange is interconnected to the existing telephone exchange which provides communication between power house and other areas like PPM building, Ambedkar Bhavan, Store, CHP, Colony, CISF Unit, Hospital, etc. Thus the role of Telephone exchange is very vital for carrying out operation and maintenance of the Unit as well as it is very important for carrying out the different activities related to the project from communication point of view. The EPABX system of 1X500MW Unit is a very delicate and sophisticated system comprising of various signalling cards, software and different electronic hardware and other electronic accessories. Any abnormality in these components may cause malfunctioning of the telephone exchange and subsequently may result in inconvenience in the O&amp;M activities of the Unit and may also affect other areas of the project. The running contract for periodic Servicing/Maintenance of Telephone Exchange (EPABX System) has resulted in reduction of faults of the telephone exchange and has ensured its healthiness for smooth O&amp;M of the unit and the project. Our departmental Strength and infra-structure are in-adequate to carry the proposed job of ARC for Servicing/Maintenance of Telephone Exchange (EPABX System) as this is a type of specialized job and needs expertise to carry out the same. Therefore, it is proposed to engage OEM, M/S V LINK SYSTEMS (P) LTD, having expertise to carry out the subject job of ARC for servicing/maintenance of Telephone Exchange (EPABX System) pertaining to 1x500MW Unit of DVC, BTPS</p>	GEMC-511687707003883 and DVC/Contract/Head Quarter/ES-I A/CMM/Works and Service/00004 Dated 27/01/2024	1412224.00	3.3(a) of DFP C&M	---
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<u>Purchase Order from BTPS for HQ</u>									
1	BTPS	Procurement of spares of MIL control valves of super heater spray for Upcoming overhauling of BTPS 500MW Boiler.	M/s. P R ASSOCIATES	Single(OES,OEM)	Indented items are the spares for the various valves of the Super heater spray control station and burner oil skid of BTPS (1x500 MW) Unit. As these valves are installed in high pressure zone and are very critical& consumable in nature, their servicing is to be taken up regularly during overhauling as well as running maintenance. Due to prolong operation, these valves develop passing/Gland leakage and needs replacement of the spares which are subjected to wear & tear. In overhauling, servicing of various control valves will be carried out and most of the spares available in stock is not in healthy. So, it is felt prudent to take procurement initiative of these spares so that requirement for running maintenance and Upcoming overhauling can be fulfilled. These spares are mostly consumable in nature and they need replacement in every occasion when the valves are taken for servicing or as and when required. So it is proposed to procure the intended items on OEM basis.	GEMC-511687761117236 (DVC/Contract/Head Quarter/MS-I A/CMM/Supply/00004) Dated 13/01/2024	<b>968257.60</b>	2.3(i) of DFP C&M	---
2	BTPS	Procurement of spares of ABB Make PLC for Stacker Reclaimer and Paddle Feeder of CHP , DVC, BTPS.	UNIVERSAL SYSTEM	Single(OES,OEM)	ABB Make PLC for Stacker cum Reclaimer and Paddle Feeder of CHP, BTPS A commissioned in the year 2022 for safely stacking coal in yard from track hopper and subsequently, evacuating from it to fill Bunkers as per its stock for smooth running of plant. As the present stock position of the said items are zero, they need to be procured at the earliest for smooth running of the plant. It helps to stack coal in yard from Track Hopper and evacuate coal to fill bunkers. As the present stock position of the said items are zero, they need to be procured at the earliest for smooth running of the plant. In case of any problem in the aforesaid items the stacking and evacuating coal from yard will be impacted severely. Unit generation may also hamper due to unavailability of the items. Proper operation of ABB Make PLC ensures proper stacking of coal and evacuation of the same as per stock position of Bunkers which will ensure smooth running of plant. So it is proposed to procure the intended items on OEM basis.	GEMC-511687706851000 (DVC/Contract/Head Quarter/C&I A/CMM/Supply/00002/Cap ital) Dated 15/01/2024	<b>2414514.00</b>	2.3(i) of DFP C&M	---

3	BTPS	Procurement of Non slam check valve installed in Control fluid system of BTPS-1X500 MW, DVC	HAWA VALVES (INDIA) PVT. LTD.	Single(OES,OEM)	Two nos. Control Fluid Pumps are installed in TG and Aux. area of BTPS 500 MW unit. it is vital equipment for supplying control fluid to the Governing system of Main Turbine and is directly related to unit generation. Two nos. of Non slam check valve fitted in discharge line of each pump to prevent backflow from the downstream system, when the pump shuts off, change over or tripped. It also helps to keep the line filled with fluid to avoid the priming problem of pump. Smooth running and availability of these pumps is very necessary to avoid unit generation loss. It is felt necessary to have a complete set of valve assembly in our stock to meet any exigency or any breakdown. Considering the criticality of the system and smooth running of plant, it is proposed to procure the subjected valves on OEM basis from M/s HAWNA VALVES (INDIA) PRIVATE LIMITED.	GEMC-511687796787864 and DVC/Contract/Head Quarter/TG A/CMM/Supply/00006 Dated 23/01/2024	<b>146612.52</b>	2.3(i) of DFP C&M	---
4	BTPS	Procurement of Spares for Boiler Safety valves for upcoming overhauling of BTPS (1X500 MW) Unit, DVC.	Bharat Heavy Electricals Limited, SSBG-Eastern Region.	Single(OES,OEM)	There are total 06 numbers of drum safety valves & 02 numbers of safety valves & 02 numbers of ERV for Super heater, 04 numbers for CRH, 04 numbers of safety valves & 02 numbers of ERV for HRH installed in Boiler. These safety valves are very important for safety of pressure part, protection of subsequent equipment against elevated pressure and for minimizing the heat loss. Proper functioning of safety valves is necessary for smooth operation of unit and are expected to be kept in healthy condition all the time. During continuous running of unit steam cut /dent mark develops on seat and disc, required lapping of seat and disc to prevent steam leakage/passing and sometime steam cut /dent mark is beyond repairable by lapping process, needs replacement of the disc. The disc is most frequently replaced. As the Boiler safety valves are very critical in nature, if any problem occur in Boiler safety valve it will eventually cause pressure loss in the system and badly affects generation of the Unit. So the indented quantity is justified to meet the requirement as well as high lead time of procurement as mentioned. Moreover some spares 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 .	GEMC-511687737133710 and DVC/Contract/Head Quarter/MS-I A/CMM/Supply/00005 Dated 23/01/2024	<b>13189869.55</b>	2.3(i) of DFP C&M	---

5	BTPS	Procurement of spare for valves installed in Drip line & Condensate line of TG & Aux. area of BTPS - 1X500 MW	M/s. P R ASSOCIATES	Single(OES,OEM)	<p>There are four nos. of HP Heaters installed in BTPS A unit for preheat of feed water from bled steam of Turbine at different stages. The HP heaters are indirect contact type heater where feed water passed through the tubes and bled steam fall over tubes surrounding. Bled steam lose heat to Feed water and converted into DRIP water which ultimately sent to Deaerator and condenser. The DRIP line is installed with several valves for control of DRIP as per requirement. These valves are operated as per requirement and due to this, wear and tear in the trim set of valves develop in due course of time. Also, it is to be mentioned that, few of these valves have been reported for malfunctioning during operation as well and few have developed leakages in body, due to which isolation/control of the system is difficult to be made. These valves are vital/critical in nature as it is related to performance enhancing system of the unit. Hence, considering the above facts, spares of required quantity has been identified and is being proposed for procurement. Present stock of all the indented items as per attached Annexure-2 is nil and some of them are first time procurement to maintain minimum inventory. The quantity of the demanded materials has been assessed considering the total number of valves fitted or less in the system. The indented items will be utilized to meet any exigency or also in case of any breakdown/overhauling requirement of the system. So, Procurement of Spares for valves installed in Drip &amp; Condensate Lines are proposed from M/s KSB MIL Controls Ltd. on the OEM basis through M/s KSB MIL Controls Ltd. for BTPS 1X500 MW Unit.</p>	GEMC-511687772916506 and DVC/Contract/Head Quarter/TG A/CMM/Supply/00007 Dated 24/01/2024	3127802.40	2.3(i) of DFP C&M	---
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6	BTPS	Procurement of Valves installed in Generator gas feeding system and primary water system for DVC, BTPS from M/s Fluid controls private limited on OEM basis.	SHIV SHAKTI TRADERS	Single(OES,OEM)	Generator gas system and primary water system has various types of valves installed which are in service since COD of the unit. These valves are operated as per requirement and due to this, wear and tear in the trim set of valves develop in due course of time. Also, it is to be mentioned that, few of these valves have been reported for malfunctioning during operation as well and few have developed leakages, due to which isolation of the system is difficult to be made. These valves are vital/ critical in nature as it is related to hydrogen feeding, circulation line and primary water system, which mandates extreme safety in first hand priority and as such any negligence may be catastrophic. Hence, considering the above facts, spares of required quantity has been identified and is being proposed for procurement. The intended items are also in OEM/OES list issued from OS&U, HQ. So it is proposed to procure indented items on OEM basis.	GEMC-511687721239151 (DVC/Contract/Head Quarter/TG A/CMM/Supply/00008) Dated 25/01/2024	<b>4355372.00</b>	2.3(i) of DFP C&M	---
7	BTPS	Procurement of HSD for used in the Powerhouse mainly in Dozers at Coal Handling Plant for coal feeding, vehicles owned by DVC, DG sets and Fire Engine DVC, BTPS	Indian Oil Corporation Ltd (MD)	Single(PSU)	HSD is being procured from M/s Indian Oil Corporation Limited as both the diesel Pumps is installed by IOCL, periodically pump maintain was also done by IOCL throughout the contract period and installed pumps is being maintain by IOCL as there are OEM of pumps and empowered to do the same. The maintain works done by IOCL like totalizer & seal, Meter Unit, W&M Seal, Accuracy of delivery, Float & air separator, Hose & Nozzle, Filter/Strainer, pipeline, check valve & vent, dial glass 7 beading HSD is used in the Powerhouse mainly in Dozers at Coal Handling Plant for coal feeding, vehicles owned by DVC, DG sets and Fire Engine. Since the dispensing unit (both oil pump) has been installed by M/s.Indian Oil Corporation Limited (IOCL)and periodically pump maintain was also done by IOCL throughout the contract period hence, it is proposed to procure the HSD from M/s. IOCL, the PSU, on Single Tender Basis through Non-GeM portal.	DVC/Contract/Head Quarter/STORE/CMM/Supply/00003 Dated 25/01/2024	<b>24235182.72</b>	2.3(ii) of DFP C&M	---



8	BTPS	Proposal for Up-gradation of Eleven (11) Nos Large Video Screen (LVS) installed at different location of BTPS-A (1X500MW), DVC	FOTEX Electronics India Private Limited	Single(OES,OEM)	<p>The LVS System is being installed at a different location in BTPS. The LVS System had been supplied, erected and commissioned by M/s Delta Electronics Pvt. Ltd. under EPC contract and are in service since commissioning in different location/packages that includes Main Plant Control Room, Conference room, Ash Handling Plant Control Room and DM Plant control room of BTPS –A to closely monitor the day to day operation related activities &amp; monitoring vital parameters, trends, CCTV etc. Any breakdown in <b>Large Video Screen</b> System has directly affects the monitoring system of Operation Engineers. Presently existing LVS System installed at following locations mainly are 06 nos of Large Video Screens (Model No. DVS-6770R9I) are installed in Main plant control room, 01 no’s at Conference room (Model No. DVS-6770R9I), 02 no’s Ash Plant Control Room (Model No. DVS-6778R7) and 02 no’s (Model No. DVS-6778R7) at DM Plant Control Room. These LVS's are declared as End of Life as per OEM (i.e. M/s Delta electronics) also no quantity is justified to meet the requirement as well as high lead time of procurement as mentioned. Moreover some spares are listed as critical spares in critical spare list issued by OS &amp; U, HQ, Kolkata and also enlisted in OEM list issued from HQ, Kolkata .</p> <p>number of valves fitted or less in the system. The indented items will be utilized to meet any exigency or also in case of any breakdown/overhauling requirement of the system</p>	GEMC-511687778605253 (DVC/Contract/Head Quarter/C&I A/CMM/Supply/00003/Cap ital) Dated 25/01/2024	8437000.00	2.3(i) of DFP C&M	---
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9	BTPS	Procurement of A1000 series 75/55KW(heavy duty) ,37/30KW(heavy duty) and 55KW/45KW (heavy duty) VVVF drive for slew drive, travel drive motor installed at stacker cum reclaimers of CHP and EOT crane of CWPB,DVC, BTPS A (1*500MW).	M/s ISPAT UDYOG	Single(OES, OEM)	There are miscellaneous electrical equipment's installed at Stacker cum Reclaimer system and CWPB Crane motor, out of which VVVF is one of the most vital equipment. Yaskawa make A1000 series 75/55KW(heavy duty) ,37/30KW(heavy duty) VVVF drive are used in Stacker cum Reclaimer system which comes into picture directly during Travelling of Stacker cum Reclaimer (37/30KW VVVF) and Slew of Stacker cum Reclaimer (75/55KW VVVF) Whereas Yaskawa make A1000 series 55KW (heavy duty) VVVF drive is used in EOT crane of CWPB for speed control during movement. In order to ensure the protection of connected electrical motor availability of the said VVVF is must. Availability and performance of the VVVF is very much essential for better reliability and trouble free operation in Stacker cum Reclaimer system and EOT Crane. In want of a single component the whole mechanism of the VVVF may collapse/ malfunction. So, in order to perform routine as well as breakdown maintenance of the said VVVF, minimum stock of certain item being proposed for procurement. Present stock of all the indented items as per attached Annexure-2 is nil and some of them are first time procurement to maintain minimum inventory. The quantity of the demanded materials has been assessed considering the total number of valves fitted or less in the system. The indented items will be utilized to meet any exigency or also in case of any breakdown/overhauling requirement of the system. So, Procurement of Spares for valves installed in	GEMC-511687796671722 (DVC/Contract/Head Quarter/ES-II A/CMM/Supply/00004) Dated 31/01/2024	781686.00	2.3(i) of DFP C&M	---
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