

**DETAILS OF CONTRACTS AWARDED ON SINGLE TENDERS (OEM/OES/PAC/SS) BASIS ---- RTPS**

PERIOD : Feb, 2021.								
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.	Reason / Justifications	Work Order No. and Date	Value of Contract Awarded
1	RTPS	Procurement of RF Level Switches installed at AHP and CHP area of RTPS, DVC, Phase 1 , U#1 & 2.	EIP ENVIRO LEVEL CONTROLS PVT LTD	Single(OES,OEM)	CONSIDERING THE EXACT FITMENT AND FUNCTIONALITY POINT OF VIEW	M/s EIP ENVIRO LEVEL CONTROLS PVT LTD Make RF Level switches and Chute Block Switches have been supplied and erected by M/s Reliance Infrastructure Ltd. At Ash Handling plant and by M/s TRF at CHP RTPS under EPC contract and are working satisfactory since commissioning. Items proposed to procure on OEM basis for exact Retrofit & Technical requirement of the scheme.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Supply/00124 Dated 04/02/2021	3,73,954
2	RTPS	Upgradation of HMI of PLC System of Condensate Polishing Unit( CPU) Plant of RTPS Unit #1&2 including Supply, Erection and commissioning	S4 Controls and Automation	Single(OES,OEM)	considering exact fitment and interchangeability	The PLC system of Condensate Policing Unit (CpU) of RTPS Unit #1 & 2 is sophisticated state of the art technology provided by IU/s Rockwell Automation through EpC contract by tv/s RIL / SEC .This PLC system including its HMT were designed before 2010 with contemporary hardware and software. The HMI system of PLC of CPU is running on Windows Xp platform since startup of the Units. Microsoft has already stopped the complete support for windows Xp operating system form April 2014. Hence M/S Microsoft Corporation will not provide any security updates, non-security hotfixes, assisted support and any online technical support for the Windows XP operating system.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Supply/00125 Dated 05/02/2021	29,49,580
3	RTPS	Procurement for spares of Jayshree Electrodevices made Belt Watch system installed at CHP , RTPS Phase 1, U#1 & 2.	JAYASHREE ELECTRODEVICES PVT LTD	Single(OES,OEM)	Considering exact fitment and retrofit	M/S Jayashree Electrdevices Pvt. Ltd. Make Pull Chord and Belt Sway switches have been supplied and cercted by M/s TRF at CHP RTPS under EPC contract and are working satisfactory since commissioning. Items proposed to procure on OEM basis for exact Retrofit & technical requirement of the scheme.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Supply/00127 Dated 09/02/2021	2,41,500
4	RTPS	Procurement of spare workstation for M/S SCHNEIDER ELECTRIC supplied C&I AHP PLC System of Unit#1 &#2 RTPS, DVC.	ADARSHA CONTROL & AUTOMATION PVT. LTD.	Single(OES,OEM)	considering exact fitment and interchangeability	Engineering workstation enables modification of ladder logic, debugging and clearing of faults in the PLC system and acts as a diagnostic tool for the system in addition to enabling operation of the AHP. Workstation of AHP are in continuous service since the commissioning and trial run of AHP in 2014.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Supply/00126 Dated 09/02/2021	1,90,800

5	RTPS	Upgradation of DEH System limited to only Controllers and associated HMI system of RTPS Unit#1 & Unit#2.	Emerson Process Management India Pvt.Ltd	Single(OES,OEM)	considering exact fitment and interchangeability	The DEH System (Controller, Operator & Engineering Stations) installed in RTPS Unit # 1 & 2 was supplied in 2012 by M/s Emerson through M/s RIL / SEC. The system was designed before 2010 - with contemporary hardware and software. The DEH System basically consisting of Controller and IT hardwares available in open market and required Software developed by System integrator in this case the M/s Emerson. The presently installed DEH System of Unit # 1 & 2 are having hardwares which were then available.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Works and Service/00025/AMD_2 Dated 10/02/2021	1,77,60,000
6	RTPS	RTPS :: Maintenance Contract of M/s. Hitachi Hi-Rel Power Electronics Pvt. Ltd make 2X10 KVA, 2X7.5 KVA, 2X5 KVA, 2X5 KVA UPS System installed at DM Plant, PT Plant, STR#1 & STR#2 at CHP of RTPS Ph-1 Unit # 1 & 2 for Two years	Hitachi Hi-REL Power Electronics Pvt. Ltd.	Single(OES,OEM)	OEM services.	Ups of M/s Hitachi Hi-Rel Power Electronics Pvt Ltd (formally Hi-Rel Electronics Pvt. Ltd.) make for C&I systems are installed at three different locations i.e. DM Plant, PT Plant and CHP. UPS of DM Plant (2x7.5 KVA) and PT Plant (2x10 KVA) are supplied by M/s Driplex and UPS of STR#1 & 2 at CHP (each of 2x5 KVA) are supplied by M/S TRF. All above said UPS (04 nos.) are manufactured by m/s Hitachi Hi-Rel Power Electronics Pvt. Ltd and also commissioned by M/s Hitachi Hi-Rel Power Electronics Pvt. Ltd.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Works and Service/00031 Dated 19/02/2021	5,89,736
7	RTPS	Procurement of C&I Spares for WAM India Pvt Ltd make Telescopic Chute installed at AHP area of RTPS, DVC, Phase 1 , U#1 & 2.	WAM INDIA PVT. LIMITED	Single(OES,OEM)	CONSIDERING THE EXACT FITMENT AND FUNCTIONALITY POINT OF VIEW	M/s WAM India Pvt. Ltd. Make Telescopic Chutes have been supplied, erected & commissioned by M/s Reliance Infrastructure Ltd. At Ash Handling Plant under EPC Cotract and are working satisfactory since commissioning. Items proposed to procure on OEM basis for exact Retrofit & technical requirement of the scheme.	DVC/Contract/RTPS/C&I Maint./C&M Purchase & Contract/Supply/00128 Dated 26/02/2021	1,67,878
8	RTPS	Supply of Hydrogen gas required for cooling of Generator of RTPS Ph#1,DVC(2X600 MW) Conforming to IS -1090-1983 Grade II,Purity : 99.9%,Oxygen Content : 0.01%,Dew Point : -46 Degree C	M/s. Vinsan Commercial Products Pvt. Ltd.	Single(SSC,SS,Other than PSU)	Source Standardization	Hydrogen Gas is required for generator cooling on regular basis and maintaining pressure and purity of the gas is important to avoid any generation loss. RTPS don't have its own hydrogen gas generating unit, hence procurement of hydrogen gas from outside is important.	DVC/Contract/RTPS/CHEMICAL/C&M Purchase & Contract/Supply/00026 Dated 18/02/2021	10,91,835
9	RTPS	Proposal for deputation of service engineer for repair/overhauling of electric hoist in Boiler & Coal mill area.	REVA INDUSTRIES LIMITED	Single(OES,OEM Other than PSU or Govt Org.)	For maintaining quality of Job.	As the servicing/overhauling work of hoist is specialized job and hence, it is prudent to carry out this job under technical supervision of service expert of its OEM for better quality & reliability of operation after servicing. The original manufacturer of such hoist is M/S Reva industries Limited which is shown in name plate of hoist. We are not aware of existence of any competent agency with proven performance in the market to take up the subject job.	DVC/Contract/RTPS/Mechanical/C&M Purchase & Contract/Works and Service/00024 Dated 02/02/2021	4,20,000

10	RTPS	Annual Service Contract for SAS(Sub Station Automation System) & Protection Relays on OEM for 400/220/33kv Switch yard, RTPS, DVC for a period of 2(Two) years	ABB Power Products and Systems India Limited(APPSIL)	Single(OES,OEM)	Enclosed under "Attachment Details"	As a modern Generating Sub-Station, 400/220/33kv Switch Yard-RTPS operates on SAS, since commissioning. SAS (Sub-Station Automation System) is the integral part dedicated for control of switching equipments, as well as monitoring and measurement of various electrical parameters. It also provides the real time data acquisition and subsequent transmission of the same towards load despatch Centre for better regulation of power flow. Healthiness and performance of the said SAS is very much essential for better reliability and trouble-free operation. In order to ensure the performance of SAS, some routine inspection and performance-oriented checking is required periodically. On the other hand, the installed numerical as well as electromagnetic relays used for protection scheme are also of M/s ABB make. For emergency/ breakdown maintenance, provision should be kept for quick restoration of both SAS and Relay protection system. It is felt essential to execute the said maintenance activity combined through Annual Service Contract.	DVC/Contract/RTPS/OPH(E)/C&M Purchase & Contract/Works and Service/00025 Dated 01/02/2021	18,64,000
11	RTPS	Supply of Hydraulic Jack & Pump for TG & Aux,RTPS,DVC	M/S Applied Engineering Services, Sarat Bose Road	Single(SSC,SS,Other than PSU)	source standardized	Hydraulic bolt tensioner is required during cartridge replacement or to attend discharge cover 'O' ring replacement of MDBFP and TDBFP. These items are also required to take out cartridge for any reason. Hydraulic jack is required during overhauling to align the machine.	DVC/Repeat Contract/RTPS/TG AUX/C&M Purchase & Contract/Supply/00006 Dated 22/02/2021	1,34,160
12	RTPS	Supply of Hydraulic Actuator spare of VOITH for TG&Aux,RTPS,DVC	VOITH TURBO PRIVATE LIMITED	Single(OES,OEM)	OEM BASIS	Hydraulic coupling is required for speed control of driven machines. Using Hydraulic coupling is a cost reducing method and it increases service life of the machine. Different spares of MDBFP are required for an uninterrupted service.	DVC/Contract/RTPS/TG AUX/C&M Purchase & Contract/Supply/00174 Dated 25/02/2021	2,27,900
13	RTPS	Supply of V.T Pump Spares for PWS,RTPS,DVC	FLUID TECH AGENCIES	Single(OES,OEM)	considering exact fitment and interchangeability	V.T pumps are used for different purpose for balance of the plant and for colony water supply. Spares of V.T pumps are required for uninterrupted service of these pumps.	DVC/Contract/RTPS/Water Package Maintenance/C&M Purchase & Contract/Supply/00061 Dated 26/02/2021	45,19,789