

TENDER SPECIFICATION

BHE/PW/PUR/PIVVG-CVL WP/1280

FOR

DEWATERING, REMOVAL OF SLUDGE, CLEANING AND MAKING DRY ENTIRE SURFACE AREA OF RCC WATER RETAINING STORAGE TANKS (WITH RCC ROOF SLAB), WATER PROOFING TREATMENT IN EXPANSION AND CONTRUCTION JOINTS AND LEAK PRONE AREA TO MAKE RCC TANK WATER TIGHT.

AT

2X350MW CCPP, GPPCL PIPAVAV, DISTT. AMRELI GUJARAT

VOL II – PRICE BID SPECIFICATION

BHARAT HEAVY ELECTRICALS LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

POWER SECTOR - WESTERN REGION

SHREEMOHINI COMPLEX

345, KINGSWAY - NAGPUR 440 001

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EARNEST MONEY DEPOSIT: Please see Notice Inviting Tender.

LAST DATE FOR TENDER SUBMISSION: Please see Notice Inviting Tender.

THESE TENDER SPECIFICATION DOCUMENTS CONTAINING **VOLUME-I** AND **VOLUME- II** ARE ISSUED TO:

M/s.

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PLEASE NOTE:
THESE TENDER SPECS DOCUMENTS ARE NOT TRANSFERABLE.

For Bharat Heavy Electricals Limited

AGM (Purchase)
Place: Nagpur
Date

BHEL, PS-WR: NAGPUR
PART-II: PRICE BID
(SCHEDULE OF RATES & QUANTITIES)
T.S No. BHE/PW/PUR/PIPVG-CVL WP/1280

JOB: DEWATERING, REMOVAL OF SLUDGE, CLEANING AND MAKING DRY ENTIRE SURFACE AREA OF RCC WATER RETAINING STORAGE TANKS (WITH RCC ROOF SLAB), WATER PROOFING TREATMENT IN EXPANSION AND CONTRUCTION JOINTS AND LEAK PRONE AREA TO MAKE RCC TANK WATER TIGHT AT 2X350MW CCPP, GPPCL PIPAVAV, DISTT. AMRELI GUJARAT.					
S.NO	ITEM DESCRIPTION	UNIT	QTY.	Rates in figure & Words (In Rupees)	Total Amount in Rupees.
1	Providing and applying water proofing treatment inside floor & wall in RC water tanks of large size (as per drawings attached). The tank is having expansion joint, construction joints, as per drawing attached. The gap between twin columns at expansion joint is to be suitably treated. Bidders has to complete the work including supplying of material, labour, tools & takles and all work at site complete to give a leak proof water tank with a guranatee of performance of atleast 10 years.				
1.1	Expansion joint Cutting, grooving (1V:2H minimum 25mm deep), removal of deteriorated polysulphide sealant/old materials as required, preparation of surface , repairing/grouting of expansion joint with high strength mortar or polymer/epoxy based cement sand /crystalline or equivalent with a layer of backer rod followed by appropriate primer on both vertical face of groove and sealant (applied with suitable pressure device) followed by suitable adhesive to cover the joint with elastomeric/flexible sheet (min 200mm wide & 2mm thk.) or equivalent tape all complete (measurement in Rm on one side) .	RM	1600		
S.NO	ITEM DESCRIPTION	UNIT	QTY.	Rates in figure & Words (In Rupees)	Total Amount in Rupees.

Date
Place

Seal & Sign of Bidder.

BHEL, PS-WR: NAGPUR
PART-II: PRICE BID
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T.S No. BHE/PW/PUR/PIPVG-CVL WP/1280

1.2	Construction joint/Cracks (4mm and above) Cutting, grooving (V groove min 20mmx20mm), preparation of surface , nozzle grouting by fixing nozzle at suitable spacing along joint with high strength mortar or polymer/epoxy based cement sand/crystalline or equivalent over suitable primer, curing, followed by final coats (applied with suitable pressure device) along the joint all complete (measurement in Rm on each face) .	RM	6000		
1.3	Surface treatment(Floor) Preparation of surface followed by suitable polymer/epoxy based primer coating /crystalline based polymer with suitable mortar on floor with a final coat of screeding or tile flooring or equivalent to ensure finally a leak proof execution of work in hydro test. (measurement in Sqm on exposed face) .	Sqm	22000		
1.4	Internal Surface treatment(wall) Preparation of internal surface followed by suitable polymer/ primer coating/ Crystalline or equivalent,grouting etc to ensure finally a leak proof execution of work in hydro test. (measurement in Sqm on internal face) .	Sqm	36000		
1.5	Sludge cleaning,removal of water and disposal of the debris etc ,to make surface of concrete good for application of waterproffing compound/ process and to enable smooth working inside the tank.	Nos	4		
	TOTAL VALUE IN RUPEES				
	TOTLA AMOUNT IN WORDS				

Date
Place

Seal & Sign of Bidder.