

# **TENDER SPECIFICATION**

## **NO. BHE/PW/PUR/PIVVG-HRSG+RO DM/626**

FOR

RECEIPT, COLLECTION, LOADING, UNLOADING, TRANSPORTATION OF MATERIALS FROM BHEL/CLIENT'S STORES /STORAGE YARDS TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, FINAL PAINTING AND HANDING OVER OF 2X 291 TPH HEAT RECOVERY STEAM GENERATOR AND ITS AUXILIARIES, RO-DM PLANT WITH ASSOCIATED SUB-SYSTEMS, PIPINGS, FITTINGS, VALVES AND SUPPORTS INCLUDING MISC. PUMPS AND TANKS & VESSELS ETC, INSULATION, STEEL STACK WITH COMPLETE PLATFORMS ETC INCLUDING ELECTRICAL WORKS OF STACK, INTEGRAL AND POWER CYCLE PIPING, REGENERATIVE CYCLE PIPING WITH ASSOCIATED FITTINGS, VALVES, HANGERS & SUPPORTS ETC FOR 2X351.43 MW COMBINED CYCLE POWER PLANT

AT

GSPC PIPAVAV POWER COMPANY LIMITED  
VILL-KOVAYA (NEAR PIPAVAV), TALUKA: RAJULA,  
DIST- AMRELI (GUJARAT)

### **PART II**

**(PRICE BID SPECIFICATION)**  
**Rev-01 dated 17/01/2009**



**BHARAT HEAVY ELECTRICALS LIMITED**

(A GOVERNMENT OF INDIA UNDERTAKING)  
POWER SECTOR : WESTERN REGION  
345-KINGSWAY, NAGPUR – 440 001

**BHARAT HEAVY ELECTRICALS LIMITED**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
POWER SECTOR - WESTERN REGION  
SHREEMOHINI COMPLEX  
345, KINGS WAY - NAGPUR 440 001

TENDER SPECIFICATION NO. **BHE/PW/PUR/PIPVG-HRSG+RO DM/626**

NAME OF THE WORK:

RECEIPT, COLLECTION, LOADING, UNLOADING, TRANSPORTATION OF MATERIALS FROM BHEL/CLIENT'S STORES /STORAGE YARDS TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, FINAL PAINTING AND HANDING OVER OF 2X 291 TPH HEAT RECOVERY STEAM GENERATOR AND ITS AUXILIARIES, RO-DM PLANT WITH ASSOCIATED SUB-SYSTEMS, PIPINGS, FITTINGS, VALVES AND SUPPORTS INCLUDING MISC. PUMPS AND TANKS & VESSELS ETC, INSULATION, STEEL STACK WITH COMPLETE PLATFORMS ETC INCLUDING ELECTRICAL WORKS OF STACK, INTEGRAL AND POWER CYCLE PIPING, REGENERATIVE CYCLE PIPING WITH ASSOCIATED FITTINGS, VALVES, HANGERS & SUPPORTS ETC FOR 2X351.43 MW COMBINED CYCLE POWER PLANT

AT

GSPC PIPAVAV POWER COMPANY LIMITED  
VILL-KOVAYA (NEAR PIPAVAV), TALUKA: RAJULA, DIST- AMRELI  
(GUJARAT)

PART: II – PRICE – BID (Rev-01 dated 17/01/2009)

EARNEST MONEY DEPOSIT: Please see Special Conditions of Contract.

LAST DATE FOR TENDER SUBMISSION: Please obtain updated information from web page  
"http://www.bhel.com" → Tender Notifications → View Corrigendum.

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

M/s. ....

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PLEASE NOTE:  
THESE TENDER SPECS DOCUMENTS ARE NOT TRANSFERABLE.

For Bharat Heavy Electricals Limited

Dy. General Manager (Purchase)  
Place: Nagpur  
Date:

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no.BHE/PW/PUR/PIVVG-HRSG+RO DM/626**  
**Part- II: Price Bid Specification**  
**( Rev-01 dated 17/01/09)**

**A : Schedule of Quantities and Applicable Rate per Unit of Measurement**

Sl no	Description/Item of work	Quantity	Unit of Measurement	Applicable Rate per Unit of measurement
1	Structures	2047	MT	100% of 'X'
2	Pressure Parts	6125	MT	125% of 'X'
3	Non Pressure Parts, Steel Stack/chimney	623 + 1541 = 2164	MT	100% of 'X'
4	Lining & Insulation	802	MT	80% of 'X'
5	Piping	1062	MT	250% of 'X'
6	ET&C Of RO-DM Plant	2	Unit	As quoted by the bidder

Note:

1. Rate per Unit of measurement as calculated above shall be rounded off to the nearest Rupee.
2. X : is the Single Notional Rate per MT quoted by Bidder in the Price Bid

**Example:-**

Say Rs 10,537.77 is the notional rate ("X") in Rupees per MT quoted by the bidder in the price bid.

The applicable rate per UOM for sl nos 1 to 6 of above table shall be as calculated below:

SI No	Description/Item of work	Applicable rate per UOM (rounded off to nearest integer)
1	Structures	100% of Rs 10,537.77 = Rs 10,538/-
2	Pressure Parts	125% of Rs 10,537.77 = Rs 13,172/-
3	Non Pressure Parts	100% of Rs 10,537.77 = Rs 10,538/-
4	Lining & Insulation	80% of Rs 10,537.77 = Rs 8,430/-
5	Piping	250% of Rs 10,537.77 = Rs 26,344/-
6	ET&C Of RO-DM Plant	Unit rate as quoted by the bidder

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no.BHE/PW/PUR/PIPVG-HRSG+RO DM/626**  
**Part- II: Price Bid Specification ( Rev-01 dated 17/01/09)**

SN	Description	Quantity	UOM	Rate Details	Total Amount (Rs.)	
					In Figures	In Words
1	Single Notional Rate For E & C Of HRSG And Auxl as per scope Of work detailed in T.S.No.BHE/PW/PUR/PIPVG-HRSG+RO DM/626 excepting Sl. No. 2 below.	NA	NA	Single Notional Rate "X" in Rupees per MT For SL.No 1:  <u>In Figures :</u>  <u>In Words:</u>	NA	NA
2	Lumpsum price for Erection, Testing & Commissioning of RO-DM plant as per scope of work detailed in T.S.No.BHE/PW/PUR/PIPVG-HRSG+RO DM/626.	2	UNIT	Unit Rate (Rs.)		

Note :

1. Notional Rate "X" (for Sl.No.1) shall be quoted in Rupees and shall be up to a maximum of 2 decimal places; for example Rs 10,537.77
2. Final award value of the contract will be calculated by the summation of total amount arrived by the notional rate for sl.no.1 (as explained in the example above) and the amount quoted by the bidder for sl.no. 2.
3. After Price Bid opening, and in case of a tie among two or more bidders in L-I rates, then these bidders shall be intimated separately to submit rebate in terms of percentage of the final value arrived ( i.e summation of total amount arrived by the notional rate for sl.no.1 and the amount quoted by the bidder for sl.no. 2) in a 'SEALED ENVELOPE'. The L-I shall be the party who offers the maximum rebate.
4. In case of further tie, process of sl no 3 is repeated so as to arrive at a single L-I Amount

Date:

Signature & Official Seal of Bidder