

TENDER SPECIFICATION No.

SI No	Tender Specification Number	Unit Number & Project
1	BHE / PW / PUR / WNT2 – BLR / 1524	800 MW Boiler of Unit 8

COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD; TRANSPORTATION TO SITE, ERECTION, TESTING & COMMISSIONING, TRIAL OPERATION AND HANDING OVER OF BOILER AND ITS AUXILIARIES INCLUDING , AIR PREHEATERS, DUCTS UP TO ESP INLET AND DAMPERS FANS, COAL MILLS, FUEL PIPING, BOILER INTEGRAL PIPING, FST & DEAERATOR WITH PLATFORMS LINING & INSULATION, FINAL PAINTING ETC.

AT

1 X 800 MW GSECL WANAKBORI PROJECT

IN GUJRAT STATE

VOLUME – II

(PRICE BID SPECIFICATION)



BHARAT HEAVY ELECTRICALS LIMITED

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

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EARNEST MONEY DEPOSIT: Please see Special Conditions of Contract.

LAST DATE FOR
TENDER SUBMISSION: Please see Notice Inviting Tender

THESE TENDER DOCUMENTS CONTAINING Volume-**I** (TECHNICAL BID SPECIFICATION) AND Volume- **II**: PRICE BID (ARE ISSUED TO:

M/s.....

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(TENDER DOCUMENTS ARE NOT TRANSFERABLE)

FOR BHARAT HEAVY ELECTRICALS LIMITED

AGM (Purchase)
PLACE: NAGPUR
DATE :

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification no. BHE/PW/PUR/WNT2-BLR/1594
Volume- II: Price Bid Specification

A : Schedule of Quantities and Applicable Rate per Unit of Measurement For Entire Scope of Work

SL.NO	Contract (Main Package)	Rate schedule Identifier	QTY of One Unit	UNIT	Total Rate per Unit of measurement (A)	PG MAs covered	Rate per Unit for Supply order of Paints (B)	Rate per Unit for E&C order (C)
1.1	Boiler	Structures	15945	MT	90% of 'X'	35,36,38	1.6 % of Column A rounded off to the nearest whole number	Column A – (minus) Column B
1.2	Boiler	Pressure Parts	12969	MT	130% of 'X'	04, 05, 06, 07, 08, 09, 10,11, 12,15, 16, 17, 19, 21, 24 (part), 28, 31, 32, 42, 45, 52, mtm pads and clamps of 97,	0 (Zero)	Column A – (minus) Column B
1.3	Boiler	Non Pressure Parts (upto ESP inlet funnel)	5505	MT	95% of 'X'	30,41,43,47,48 (part), 57, 80 (part), 81(part), 99 (part)	1.6 % of A rounded off to the nearest whole number	Column A – (minus) Column B
1.4	RM	Rotating Machines (ID/FD/PA Fans, Mills, & Handling etc and aux)	3366	MT	60% of 'X'	55,56,61,62,65,67,99 (part)	1.6 % of A rounded off to the nearest whole number	Column A – (minus) Column B
1.5	INSULATION	Wool Mattress	1100	MT	85% of 'X'	32, 55, PEM	0 (Zero)	Column A – (minus) Column B
1.6	INSULATION	Pourable and castable	255	MT	55% of 'X'	33	0 (Zero)	Column A – (minus) Column B
1.7	INSULATION	Iron parts	72	MT	120% of 'X'	32, 33, PEM	0 (Zero)	Column A – (minus) Column B
1.8	INSULATION	Aluminium Cladding sheets	364	MT	125% of 'X'	37, PEM	0 (Zero)	Column A – (minus) Column B

Note:

- 2) Total Rate per Unit of measurement as calculated in Column A above shall be rounded off to the nearest whole number
- 3) X : is the Single Notional Rate per UOM quoted by Bidder in the Price Bid

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification no. BHE/PW/PUR/WNT2-BLR/1524
Volume- II: Price Bid Specification

Example:-

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

The applicable rate per MT for items referred in above table shall be as calculated below:

SL.NO	Contract (Main Package)	Rate schedule Identifier	Applicable Total rate per MT (rounded off to nearest integer) (A)	Rate per Unit for Supply order of Paints (B)	Rate per Unit for E&C order (C)
1.1	Boiler	Structures	90% of Rs 10,537.77 = Rs 9484/-	Rs 107	Rs 9377 /-
1.2	Boiler	Pressure Parts	130% of Rs 10,537.77 = Rs 12,118/-	Rs 0	Rs 13699 /-
1.3	Boiler	Non Pressure Parts (upto ESP inlet funnel)	95% of Rs 10,537.77 = Rs 10,010/-	Rs 113	Rs 9897 /-
1.4	RM	Rotating Machines (ID/FD/PA Fans, Mills, & Handling etc and aux)	60% of Rs 10,537.77 = Rs 6,323/-	Rs 71	Rs 6252 /-
1.5	INSULATION	Wool Mattress	85% of Rs 10,537.77 = Rs 8,957/-	Rs 0	Rs 8,957/-
1.6	INSULATION	Pourable and castable	55% of Rs 10,537.77 = Rs 5,796/-	Rs 0	Rs 5,796/-
1.7	INSULATION	Iron parts	120% of Rs 10,537.77 = Rs 12,645/-	Rs 0	Rs 12,645/-
1.8	INSULATION	Aluminium Cladding sheets	125% of Rs 10,537.77 = Rs 13,172/-	Rs 0	Rs 13,172/-

Date:

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited (PSWR, Nagpur)

Tender Specification no. BHE/PW/PUR/WNT2-BLR/1594

Volume- II: Price Bid Specification

IMPORTANT INFORMATION

- a) BHEL shall place separate supply order of Paints on the successful contractor as per Clause No 16.16 of Volume IA 'Technical Conditions of Contract'.
- b) Contractors claim for supply of paints shall be limited to the above rates per ton of work executed, but the invoices shall be in terms of litres of paints, primers etc. However total value claimed should not exceed the value derived as per above formulae.
- c) The claim for supply of paints shall not exceed the painting tonnage certified in the Measurement books.
- d) Since the quoted prices are inclusive of taxes, for supply of paint, contractor shall raise VAT Invoice of the respective state where the project is being executed failing which the applicable VAT amount shall be recovered from the contractor. In case of CST supplies, C Form shall be issued and the applicable VAT amount shall be recovered from the contractor.

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification no. BHE/PW/PUR/WNT2-BLR/1524
Volume- II: Price Bid Specification

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B : PRICE BID

SN	Description / Item of Work	Single Notional Rate "X" in Rupees per MT	
		In Figures	In words
1	Erection, Testing, Assistance for Commissioning etc of Boiler & Auxl (INCLUDING ARRANGING PAINTS ETC FOR FINAL PAINTING) as per scope of work detailed in Tender Specification BHE/PW/PUR/WNT2-BLR/1524		

Note :

1. Notional Rate "X" shall be quoted in Rupees and shall be up to a maximum of 2 decimal places; for example Rs 10,537.77
2. After Price Bid opening, and in case of a tie among two or more bidders in L-I rates (i.e quoting exactly the same LEAST notional rate "X" in Rupees per MT), then these bidders shall be intimated separately to submit rebate in Rupees (upto a maximum of two decimal places) in a 'SEALED ENVELOPE'. The L-I shall be the party who offers the maximum rebate and the new notional rate shall be "X" less the rebate offered.
3. In case of further tie, process of sl no 2 is repeated so as to arrive at a single L-I Notional rate
4. Total amount for the work shall be the summation of amounts obtained by multiplying respective item 'Quantities' to the applicable rate per MT (Obtained from single notional rate as explained in the Example above).

Date:

Signature & Official Seal of Bidder