

TENDER SPECIFICATION

Tender Specification Number: BHE/PW/PUR/HONGI-HRSG/1601

COLLECTION / TRANSPORTATION OF MATERIALS FROM BHEL / CLIENT'S STORES / STORAGE YARD TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION, SUPPLY OF PRIMER / PAINTS AND APPLICATION OF PRIMER / PAINTS FOR FINAL PAINTING, COMBINED CYCLE TRIAL OPERATION / PERFORMANCE TEST & HANDING OVER OF 1 UNIT OF 55 TPH HEAT RECOVERY STEAM GENERATOR ALONG WITH ITS AUXILIARIES, STEEL CHIMNEY WITH PLATFORMS INCLUDING ELECTRICAL WORK OF CHIMNEY, ALL PIPING INCLUDING INTERNAL, EXTERNAL, FIELD PIPING (IBR, NON IBR INCLUDING CW), BALANCE OF PLANT SYSTEMS LIKE FIRE PROTECTION & DETECTION SYSTEM , MISC. EQUIPMENTS OF 1X51 MW COMBINED CYCLE POWER PLANT (1X19MW STG + 1X32 MW FR 6B GTG + 1X55 TPH HRSG+ PIPING + BOP)

AT

ONGC COMPLEX, HAZIRA, SURAT, GUJARAT .

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/HONGI-HRSG/1601
Volume- II: Price Bid Specification

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

SL.NO	Contract (Main Package)	Rate schedule Identifier	QTY	UNIT	Applicable Rate per Unit of measurement
1.01	HRSG	Structures	272	MT	100% of 'X'
1.02	HRSG	Pressure Parts	509	MT	135% of 'X'
1.03	HRSG	Non Pressure Parts	135	MT	100% of 'X'
1.04	Chimney	Chimney	83	MT	130% of 'X'
1.05	IBR PIPING-CS	IBR PIPING-CS	90	MT	250% of 'X'
1.06	IBR PIPING-AS	IBR PIPING-AS	35	MT	315% of 'X'
1.07	NIBR PIPING-CS	NIBR PIPING-CS	439	MT	240% of 'X'
1.08	NIBR PIPING-SS	NIBR PIPING-SS	16	MT	360% of 'X'
1.09	Pipe Support Materials	Pipe Support Materials	170	MT	125% of 'X'
1.10	INSULATION	INSULATION	194	MT	110% of 'X'
1.11	Wrapping & Coating	Wrapping & Coating	1350	SQM	5% of 'X'

Note:

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

Date:

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification no. BHE/PW/PUR/HONGI-HRSG/1601
Volume- II: Price Bid Specification

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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 rate per MT (rounded off to nearest integer)
1.01	HRSG	Structures	100% of Rs 10,537.77 = Rs 10,538 /-
1.02	HRSG	Pressure Parts	135% of Rs 10,537.77 = Rs 14,226/-
1.03	HRSG	Non Pressure Parts	100% of Rs 10,537.77 = Rs 10,538 /-
1.04	Chimney	Chimney	130% of Rs 10,537.77 = Rs 13,699/-
1.05	IBR PIPING-CS	IBR PIPING-CS	250% of Rs 10,537.77 = Rs 26,344/-
1.06	IBR PIPING-AS	IBR PIPING-AS	315% of Rs 10,537.77 = Rs 33,194 /-
1.07	NIBR PIPING-CS	NIBR PIPING-CS	240% of Rs 10,537.77 = Rs 25,291/-
1.08	NIBR PIPING-SS	NIBR PIPING-SS	360% of Rs 10,537.77 = Rs 37,936/-
1.09	Pipe Support Materials	Pipe Support Materials	125% of Rs 10,537.77 = Rs 13,172/-
1.10	INSULATION	INSULATION	110% of Rs 10,537.77 = Rs 11,592/-
1.11	Wrapping & Coating	Wrapping & Coating	5% of Rs 10,537.77 = Rs 527/-

Date:

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification no. BHE/PW/PUR/HONGI-HRSG/1601
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	COLLECTION / TRANSPORTATION OF MATERIALS FROM BHEL / CLIENT’S STORES / STORAGE YARD TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION, SUPPLY OF PRIMER / PAINTS AND APPLICATION OF PRIMER / PAINTS FOR FINAL PAINTING, COMBINED CYCLE TRIAL OPERATION / PERFORMANCE TEST & HANDING OVER OF 1 UNIT OF 55 TPH HEAT RECOVERY STEAM GENERATOR ALONG WITH ITS AUXILIARIES, STEEL CHIMNEY WITH PLATFORMS INCLUDING ELECTRICAL WORK OF CHIMNEY, ALL PIPING INCLUDING INTERNAL, EXTERNAL, FIELD PIPING (IBR, NON IBR INCLUDING CW), BALANCE OF PLANT SYSTEMS LIKE FIRE PROTECTION & DETECTION SYSTEM , MISC. EQUIPMENTS OF 1X51 MW COMBINED CYCLE POWER PLANT (1X19MW STG + 1X32 MW FR 6B GTG + 1X55 TPH HRSG+ PIPING + BOP) AT ONGC COMPLEX, HAZIRA, SURAT, GUJARAT as detailed in Tender Specification BHE/PW/PUR/HONGI-HRSG/1601		

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