

# TENDER SPECIFICATION

No: BHE/PW/PUR/KNT-INS/614

FOR

HANDLING & COLLECTION OF MATERIALS AT BHEL/CLIENT'S STORAGE YARD/  
STORES, TRANSPORTATION TO SITE, APPLICATION OF LINING &  
INSULATION MATERIALS INCLUDING ERECTION OF FIXING & SUPPORTING  
COMPONENTS, SHEET CLADDING, OUTER CASING, ETC ON BOILER AND ITS  
AUXILIARIES, TG AUXILIARIES, TG PIPING, POWER CYCLE PIPING & LP  
PIPING AND OTHER EQUIPMENTS INCLUDING BOI's AND HANDING OVER

OF

UNIT # 7 OF STAGE-III 1X500MW

AT

KORBA THERMAL POWER STATION,  
NTPC, KORBA, CHHATTISGARH.

PART II – PRICE BID SPECIFICATION



**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 DOCUMENT ISSUE DETAILS**

**TENDER SPECIFICATION No BHE/PW/PUR/KNT-INS/614**

FOR

HANDLING & COLLECTION OF MATERIALS AT BHEL/CLIENT'S STORAGE YARD/ STORES, TRANSPORTATION TO SITE, APPLICATION OF LINING & INSULATION MATERIALS INCLUDING ERECTION OF FIXING & SUPPORTING COMPONENTS, SHEET CLADDING, OUTER CASING, ETC ON BOILER AND ITS AUXILIARIES, TG AUXILIARIES, TG CYCLE PIPING, POWER CYCLE PIPING & LP PIPING AND OTHER EQUIPMENTS INCLUDING BOI's AND HANDING OVER

OF

UNIT # 7 OF STAGE-III 1X500MW

AT

KORBA THERMAL POWER STATION,

NTPC, KORBA, CHHATTISGARH.

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's.

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/KNT-INS/614**  
**Part- II: Price Bid Specification**

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

Sl no	Description/Item of work	QTY (MT)	Applicable Rate per Unit of measurement
1	APPLICATION OF POURABLE INSULATION, CASTABLE REFRACTORY AND SIMILAR ITEMS INCLUDING FIRE/REFRACTORY BRICKS, IF ANY, AS PER DRAWINGS AND INSTRUCTIONS OF BHEL ENGINEER. (PG 33 etc.)	451	50% of 'X'
2	APPLICATION OF SINGLE OR MULTIPLE LAYERS OF LOOSE BONDED, BONDED AND UNBONDED MINERAL / ROCK/SLAG WOOL MATTERESSES, ACOUSTIC INSULATION, BATT INSULATION, ASBESTOS MILL BOARDS, ASBESTOS ROPE AND OTHER ITEMS, SEALING COMPOUND, ETC. AS PER DRAWINGS AND DOCUMENTS AND BHEL ENGINEER'S INSTRUCTIONS ON BOILER, ITS AUXILLARIES AND PIPING.PG (33, 55, 81, PEM Supplied etc.)	1053	80% of 'X'
3	FIXING OF ALL IRON COMPONENTS INCLUDING FIXING PINS, RETAINERS, SUPPORTS, WIREMESH AND CLOTH, OMEGA STRIPS, CASING SUPPORTS, FIXING COMPONENTS FOR BOILER OUTER CASING ETC AS PER DRAWINGS AND DOCUMENTS AND INSTRUCTIONS OF BHEL. PG (32, 33, 37(part), 55 and PEM Supplied items etc.)	101	110% of 'X'
4	FIXING OF ALUMINIUM CLADDING SHEETS, AND OUTER CASING SHEETS AND ASSOCIATED COMPONENTSINCLUDING FABRICATION OF SHEETS, BEEDING, BEVELLING, SIZING AND APPLYING SEALING COMPOUND/ TAPES, APPLYING BLACK BITUMINOUS PAINTS ETC AS PER DRAWINGS AND DOCUMENTS AND INSTRUCTIONS OF BHEL.PG (32, 55, 81 and PEM Supplied items etc.)	520	190% of 'X'
5	ALUMINIUM CORRUGATED BOILER OUTER CASING SHEETS PG (37)	45	140% 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 MT 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/KNT-INS/614**  
**Part- II: Price Bid Specification**

**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 MT for sl nos 1 to 5 of above table shall be as calculated below:

Sl no	Description/Item of work	Applicable rate per MT (rounded off to nearest integer)
1	APPLICATION OF POURABLE INSULATION, CASTABLE REFRACTORY AND SIMILAR ITEMS INCLUDING FIRE/REFRACTORY BRICKS, IF ANY, AS PER DRAWINGS AND INSTRUCTIONS OF BHEL ENGINEER. (PG 33 etc.)	50% of Rs 10,537.77 = Rs 5269/-
2	APPLICATION OF SINGLE OR MULTIPLE LAYERS OF LOOSE BONDED, BONDED AND UNBONDED MINERAL / ROCK/SLAG WOOL MATTERESSES, ACOUSTIC INSULATION, BATT INSULATION, ASBESTOS MILL BOARDS, ASBESTOS ROPE AND OTHER ITEMS, SEALING COMPOUND, ETC. AS PER DRAWINGS AND DOCUMENTS AND BHEL ENGINEER'S INSTRUCTIONS ON BOILER, ITS AUXILLARIES AND PIPING.PG (33, 55, 81, PEM Supplied etc.)	80 80% of Rs 10,537.77 = Rs 8430/-
3	FIXING OF ALL IRON COMPONENTS INCLUDING FIXING PINS, RETAINERS, SUPPORTS, WIREMESH AND CLOTH, OMEGA STRIPS, CASING SUPPORTS, FIXING COMPONENTS FOR BOILER OUTER CASING ETC AS PER DRAWINGS AND DOCUMENTS AND INSTRUCTIONS OF BHEL. PG (32, 33, 37(part), 55 and PEM Supplied items etc.)	110% of Rs 10,537.77 = Rs 11592/-
4	FIXING OF ALUMINIUM CLADDING SHEETS, AND OUTER CASING SHEETS AND ASSOCIATED COMPONENTSINCLUDING FABRICATION OF SHEETS, BEEDING, BEVELLING, SIZING AND APPLYING SEALING COMPOUND/ TAPES, APPLYING BLACK BITUMINOUS PAINTS ETC AS PER DRAWINGS AND DOCUMENTS AND INSTRUCTIONS OF BHEL.PG (32, 55, 81 and PEM Supplied items etc.)	190% of Rs 10,537.77 = Rs 20022/-
5	ALUMINIUM CORRUGATED BOILER OUTER CASING SHEETS PG (37)	140% of Rs 10,537.77 = Rs 14753/-

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no.BHE/PW/PUR/KNT-INS/614**  
**Part- II: Price Bid Specification**

**B : PRICE BID**

SN	Description / Item of Work	Single Notional Rate "X" in Rupees per MT	
		In Figures	In words
1	Scope of work and BOQ as detailed in Tender Specification no BHE/PW/PUR/KNT-INS/614, Part – I (Tech Bid) and Part-II (Price Bid).		

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

Date:

Signature & Official Seal of Bidder