

TENDER SPECIFICATION

SI No	Tender Specification Number	Unit Number
1	BHE/PW/PUR/MANUT-ESP Pkg-5 (U-1&2) /1502	270 MW ESP Unit 1 & 2
2	BHE/PW/PUR/MANUT-ESP Pkg-6 (U-3&4) /1503	270 MW ESP Unit 3 & 4

**COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD;
TRANSPORTATION TO SITE ; ERECTION , TESTING & ASSISTANCE FOR
COMMISSIONING, TRIAL OPERATION AND HANDING OVER OF ELECTRO STATIC
PRECIPITATOR , DUCT SUPPORTING STRUCTURE, DUCTS AND DAMPERS FROM
ESP OUTLET FUNNEL TO CHIMNEY, INSULATION, FINAL PAINTING ETC OF 4x270
MW MANUGURU THERMAL POWER PROJECT**

AT

4X270 MW MANUGURU TPS TSGENCO

AT

MANUGURU, DISTT. - KHAMMAM, TELANGANA

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/MANUT-ESP Pkg-5 (U-1&2) /1502 Volume- II: Price Bid Specification for ONE PACKAGE ESP (2 Units)

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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)
3.1	ESP	ESP	7678	MT	65% of 'X'	79 (part),89 (part)	2.70 % of A rounded off to the nearest whole number	Column A – (minus) Column B
3.2	ESP	Non Pressure Parts (ESP outlet funnel to Chimney)	1404	MT	95% of 'X'	39,48,57	2.70 % of A rounded off to the nearest whole number	Column A – (minus) Column B
5.1	INSULATION	Min wool for ID DUCT & ESP	322	MT	85% of 'X'	33,79 (Part)	Not Applicable	Column A – (minus) Column B
5.3	INSULATION	Iron part for ID Duct & ESP	176	MT	120% of 'X'	79 (Part),32	Not Applicable	Column A – (minus) Column B
5.4	INSULATION	Aluminum cladding sheet	62	MT	125% of 'X'	89 (part)	Not Applicable	Column A – (minus) Column B

Note:

- 1) Total Rate per Unit of measurement as calculated in Column A 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

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification No: BHE/PW/PUR/MANUT-ESP Pkg-5 (U-1&2) /1502
Volume- II: Price Bid Specification for ONE ESP Package (Unit-1&2)

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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 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)
3.1	ESP	ESP	65% of Rs 10,537.77= Rs.6850	Rs 185	Rs 6665 /-
3.2	ESP	Non Pressure Parts (ESP outlet funnel to Chimney)	95% of Rs 10,537.77=Rs.10011	Rs 270	Rs 9741 /-
5.1	INSULATION	Min wool for ID DUCT & ESP	85% of Rs 10,537.77 = Rs 8,957/-	0	Rs 8,957/-
5.3	INSULATION	Iron part for ID Duct & ESP	120% of Rs 10,537.77 = Rs 12,645/-	0	Rs 12,645/-
5.4	INSULATION	Aluminum cladding sheet	125% of Rs 10,537.77 = Rs 13,172/-	0	Rs 13,172/-

Date:

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited (PSWR, Nagpur)
Tender Specification No: BHE/PW/PUR/MANUT-ESP Pkg-5 (U-1&2) /1502
Volume- II: Price Bid Specification for ONE PACKAGE ESP (2
Units)

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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/MANUT-ESP Pkg-5 (U-1&2) /1502
Volume- II: Price Bid Specification for ONE ESP Package (Unit-1&2)

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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 ONE Package (Unit-1&2) of ESP (INCLUDING SUPPLY OF PAINTS FOR FINAL PAINTING) as per scope of work detailed in Tender Specification BHE/PW/PUR/MANUT-ESP/1502/1503		

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