

# TENDER SPECIFICATION No.

**BHE/PW/PUR/AMRT-BAL BLR U#2/1553**

HANDLING & COLLECTION OF MATERIALS AT BHEL/CLIENT'S STORAGE YARD/ STORES, TRANSPORTATION TO SITE, ERECTION, TESTING & ASSISTANCE FOR COMMISSIONING OF BALANCE WORK OF BOILER AND ITS AUXILIARIES, ELECTROSTATIC PRECIPITATOR, ROTATING EQUIPMENTS, PIPING & ASSOCIATED VALVES, DUCTS AND DAMPERS, INSULATION, FINAL PAINTING ETC. OF Unit # 2 OF 5x270 MW AMRAVATI THERMAL POWER PROJECT PHASE I.

AT

ADDITIONAL AMRAVATI INDUSTRIAL AREA,  
RATTANINDIA POWER LTD  
(Formerly known as Indiabulls Power Ltd)

NANDGAONPETH,  
DIST- AMRAVATI  
MAHARASHTRA

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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MAHARASHTRA**

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/AMRT-BAL BLR U#2/1553**  
**Volume- II: Price Bid**

**Job:** HANDLING & COLLECTION OF MATERIALS AT BHEL/CLIENT'S STORAGE YARD/ STORES, TRANSPORTATION TO SITE, ERECTION, TESTING & ASSISTANCE FOR COMMISSIONING OF **BALANCE WORK OF BOILER AND ITS AUXILIARIES**, ELECTROSTATIC PRECIPITATOR, ROTATING EQUIPMENTS, PIPING & ASSOCIATED VALVES, DUCTS AND DAMPERS, INSULATION, FINAL PAINTING ETC. OF **Unit # 2 OF 5x270 MW AMRAVATI THERMAL POWER PROJECT PHASE I.**

| SI No | Area                  | Scope   | Weight in MT | Unit Rate per MT In Figures (Rs) | Unit Rate per MT In Words (Rs) | Total (Rs) |
|-------|-----------------------|---|--------------|----------------------------------|--------------------------------|------------|
| 1.1   | <b>Structure</b>      | Balance Erection  | <b>288</b>   |                                  |                                |            |
| 1.2   |                       | Balance Allignment, Bolting, Grouting & Welding                         | <b>401</b>   |                                  |                                |            |
| 1.3   |                       | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>401</b>   |                                  |                                |            |
| 1.4   |                       | Painting  | <b>3783</b>  |                                  |                                |            |
| 2.1   | <b>Pressure Parts</b> | Balance Erection  | <b>1</b>     |                                  |                                |            |
| 2.2   |                       | Balance Allignment, Bolting, Grouting & Welding                         | <b>1</b>     |                                  |                                |            |
| 2.3   |                       | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>1</b>     |                                  |                                |            |
| 2.4   |                       | Painting  | <b>270</b>   |                                  |                                |            |

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
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**Volume- II: Price Bid**

**Job:** HANDLING & COLLECTION OF MATERIALS AT BHEL/CLIENT'S STORAGE YARD/ STORES, TRANSPORTATION TO SITE, ERECTION, TESTING & ASSISTANCE FOR COMMISSIONING OF **BALANCE WORK OF BOILER AND ITS AUXILIARIES**, ELECTROSTATIC PRECIPITATOR, ROTATING EQUIPMENTS, PIPING & ASSOCIATED VALVES, DUCTS AND DAMPERS, INSULATION, FINAL PAINTING ETC. OF **Unit # 2 OF 5x270 MW AMRAVATI THERMAL POWER PROJECT PHASE I.**

| SI No | Area                      | Scope   | Weight in MT | Unit Rate per MT In Figures (Rs) | Unit Rate per MT In Words (Rs) | Total (Rs) |
|-------|---------------------------|---|--------------|----------------------------------|--------------------------------|------------|
| 3.1   | <b>Non Pressure Parts</b> | Balance Erection  | <b>22</b>    |                                  |                                |            |
| 3.2   |                           | Balance Allignment, Bolting, Grouting & Welding                         | <b>46</b>    |                                  |                                |            |
| 3.3   |                           | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>46</b>    |                                  |                                |            |
| 3.4   |                           | Painting  | <b>1118</b>  |                                  |                                |            |
| 4.1   | <b>Rotary Equipments</b>  | Balance Erection  | <b>20</b>    |                                  |                                |            |
| 4.2   |                           | Balance Allignment, Bolting, Grouting & Welding                         | <b>20</b>    |                                  |                                |            |
| 4.3   |                           | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>20</b>    |                                  |                                |            |
| 4.4   |                           | Painting  | <b>1074</b>  |                                  |                                |            |

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**Job:** HANDLING & COLLECTION OF MATERIALS AT BHEL/CLIENT'S STORAGE YARD/ STORES, TRANSPORTATION TO SITE, ERECTION, TESTING & ASSISTANCE FOR COMMISSIONING OF **BALANCE WORK OF BOILER AND ITS AUXILIARIES**, ELECTROSTATIC PRECIPITATOR, ROTATING EQUIPMENTS, PIPING & ASSOCIATED VALVES, DUCTS AND DAMPERS, INSULATION, FINAL PAINTING ETC. OF **Unit # 2 OF 5x270 MW AMRAVATI THERMAL POWER PROJECT PHASE I.**

| SI No | Area                       | Scope   | Weight in MT | Unit Rate per MT In Figures (Rs) | Unit Rate per MT In Words (Rs) | Total (Rs) |
|-------|----------------------------|---|--------------|----------------------------------|--------------------------------|------------|
| 5.1   | <b>Piping including HT</b> | Balance Erection  | <b>10</b>    |                                  |                                |            |
| 5.2   |                            | Balance Allignment, Bolting, Grouting & Welding                         | <b>10</b>    |                                  |                                |            |
| 5.3   |                            | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>10</b>    |                                  |                                |            |
| 5.4   |                            | Painting  | <b>663</b>   |                                  |                                |            |
| 6.1   | <b>ESP</b>                 | Balance Erection  | <b>15</b>    |                                  |                                |            |
| 6.2   |                            | Balance Allignment, Bolting, Grouting & Welding                         | <b>23</b>    |                                  |                                |            |
| 6.3   |                            | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>23</b>    |                                  |                                |            |
| 6.4   |                            | Painting  | <b>655</b>   |                                  |                                |            |

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| SI No                              | Area              | Scope   | Weight in MT | Unit Rate per MT In Figures (Rs) | Unit Rate per MT In Words (Rs) | Total (Rs) |
|------------------------------------|-------------------|---|--------------|----------------------------------|--------------------------------|------------|
| 7.1                                | <b>Insulation</b> | Balance Erection  | <b>47</b>    |                                  |                                |            |
| 7.2                                |                   | Balance Allignment, Bolting, Grouting & Welding                         | <b>47</b>    |                                  |                                |            |
| 7.3                                |                   | Balance Leak Test, NDT, Heat Treatment, equipment trial run, Hydro Test | <b>47</b>    |                                  |                                |            |
| <b>Grand Total In Figures (Rs)</b> |                   |   |              |                                  |                                |            |
| <b>Grand Total In Words (Rs)</b>   |                   |   |              |                                  |                                |            |

Date:  
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