

# TENDER SPECIFICATION

NO. BHE / PW / PUR / BSI1-STG/1207

FOR

RECEIPT/COLLECTION, UNLOADING, HANDLING, STACKING, PRESERVATION, VERIFICATION OF ENTIRE PROJECT MATERIALS INCLUDING ELECTRICAL AND CONTROL & INSTRUMENTATION EQUIPMENTS/ ITEMS AND OTHER MATERIALS IN BHEL / CUSTOMER'S STORES / STORAGE YARD AS RECEIVED BY ROAD FROM MANUFACTURING UNITS / TRANSPORTERS GODOWN UNDER MATERIALS MANAGEMENT , RECEIPT / COLLECTION / LOADING / TRANSPORTATION OF MATERIALS FROM BHEL / CLINT'S STORES / STORAGE YARDS TO SITE OF WORK, UNLOADING OF BALANCE WORKS. ERECTION, TESTING, COMMISSIONING OF SURFACE CONDENSERS, STEAM TURBINES, TURBO BLOWERS, PUMPS & AUXILIARIES INCLUDING CONDENSATE EXTRACTION PUMPS, PIPINGS, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, ASSISTANCE FOR PG TEST ETC. AND HANDING OVER OF 3 x TURBO BLOWER SET

AT

**STEEL AUTHORITY OF INDIA LTD (SAIL)**

**BHILAI STEEL PLANT**

**BHILAI**

**(CHHATTISGARH)**

**VOLUME-II**

**(PRICE BID SPECIFICATION)**



**BHARAT HEAVY ELECTRICALS LIMITED**

(A GOVERNMENT OF INDIA UNDERTAKING)

POWER SECTOR : WESTERN REGION

345-KINGSWAY, NAGPUR – 440 001

Date:

Signature & Official Seal of Bidder

**BHARAT HEAVY ELECTRICALS LIMITED**

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

**TENDER SPECIFICATION DOCUMENT ISSUE DETAILS**

**TENDER SPECIFICATION No. BHE / PW / PUR / BSI1-STG/1207**

**NAME OF THE WORK:** MATERIAL HANDLING AND MANAGEMENT INCLUDING RECEIPT/COLLECTION, UNLOADING, HANDLING, STACKING, PRESERVATION, VERIFICATION OF ENTIRE PROJECT MATERIALS INCLUDING ELECTRICAL AND CONTROL & INSTRUMENTATION EQUIPMENTS/ ITEMS AND OTHER MATERIALS IN BHEL / CUSTOMER'S STORES / STORAGE YARD AS RECEIVED BY ROAD FROM MANUFACTURING UNITS / TRANSPORTERS GODOWN UNDER MATERIALS MANAGEMENT , RECEIPT / COLLECTION / LOADING / TRANSPORTATION OF MATERIALS FROM BHEL / CLINT'S STORES / STORAGE YARDS TO SITE OF WORK, UNLOADING OF BALANCE WORKS. ERECTION, TESTING, COMMISSIONING OF SURFACE CONDENSERS, STEAM TURBINES, TURBO BLOWERS, PUMPS & AUXILIARIES INCLUDING CONDENSATE EXTRACTION PUMPS, PIPINGS, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, ASSISTANCE FOR PG TEST ETC. AND HANDING OVER OF **3 x TURBO BLOWER SET**

AT

STEEL AUTHORITY OF INDIA LTD (SAIL), BHILAI STEEL PLANT

BHILAI, (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 Corrigendums.

THESE TENDER SPECIFICATION DOCUMENTS CONTAINING **VOLUME-I** AND **VOLUME-II** ARE ISSUED TO:

M/s. ....

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PLEASE NOTE:  
THESE TENDER SPECS DOCUMENTS ARE NOT TRANSFERABLE.

For Bharat Heavy Electricals Limited

Additional General Manager (Purchase)  
Place: Nagpur  
Date:

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no BHE/PW/PUR/ BSI 1-STG/1207 (Volume-**  
**II: Price Bid Specification)**

**IMPORTANT INFORMATION**

**Volume II Price Bid Specification consists of Two parts as given below:**

- 1. SECTION A: Material Handling and Material Management.**
- 2. SECTION B: E,T & C of TURBO BLOWER.**
- 3. Rates of Section A above has been fixed by BHEL. Bidders are not to quote separate rates for Section A Above.**

Date:

Signature & Official Seal of Bidder

# Bharat Heavy Electricals Limited (PSWR, Nagpur)

Tender Specification no BHE/PW/PUR/ BSI1-STG/1207

## SECTION A: PRICE BID (SCHEDULE OF RATES & QUANTITIES) OF Material Handling & Management

Sl no	Description of item	Quantity	UNIT	UNIT RATE (IN RS.)	TOTAL (IN RS.)
<b>A</b>					
A.1	Material Handling and Material Management for Materials received through Trucks/Trailers at Project Site*	810	MT	200	162000
A.2	Material Handling and Material Management for Materials received through Railway Wagons at Railway Siding/Station/Godown*	0	MT	360	0
A.3	Material Handling and Material Management for Materials received at Transporters Godowns within a radius of 50 KM from Project Site*	0	MT	400	0
A.4	Material Handling and Material Management for Structural steel and Reinforcement steel received through trucks/trailers at project Site *	0	MT	160	0
A.5	Material reshifting and re stacking within project premises*	400	MT	160	64000
A.6	Despatch/Outgoing materials*	100	MT	160	16000
A.7	Preservation of materials (including supervision, T&P, consumable)*	0	MT	360	0
A.8	Updation of receipt materials, Stacking & varification, Updation of Verification details in material stock Registrar, Identification of material in ready to lift position for issue of <b>existing received materials</b>	1390	MT	160	222400
<b>Sub Total A =</b>					<b>464400</b>

Sl no	Description of item	Quantity	UNIT	Monthly Rate (In Rs)	Allocated Amount (In Rs)
<b>B</b>					
B.1	MOBILE CRANE CAPACITY- 12 MT	8	MONTHS	83250	666000
<b>Sub Total B =</b>					666000

Sl no	Description of item	Quantity	UNIT	UNIT RATE (IN RS.)	TOTAL (IN RS.)
<b>C</b>					
C.1	Supervision and Secretarial Services*	45	MAN MONTHS	8388	377460
C.2	Menial services for BHEL office and stores, site offices etc*	60	MAN MONTHS	7699	461940
<b>Sub Total C =</b>					<b>839400</b>
<b>TOTAL PRICE OF SECTION - A IN FIGURES (A+B+C) (IN RS) =</b>					<b>1969800</b>

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no BHE/PW/PUR/ BSI 1-STG/1207**  
**(Volume- II: Price Bid Specification)**  
**SECTION B : E T & C of TURBO BLOWER**

<b>JOB : ERECTION, TESTING, COMMISSIONING OF SURFACE CONDENSERS, STEAM TURBINES, TURBO BLOWERS, PUMPS &amp; AUXILIARIES INCLUDING CONDENSATE EXTRACTION PUMPS, PIPINGS, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, ASSISTANCE FOR PG TEST ETC. AND HANDING OVER OF 3 x TURBO BLOWER SET AT SAIL BSP BHILAI PROJECT AT BHILAI, DISTRICT DURGA IN CHHATTISGARH STATE AS DETAILED IN TENDER SPECIFICATIONS</b>						
<b>SL NO</b>	<b>DESCRIPTION</b>	<b>QUANTITY</b>		<b>Unit Rates in Figures (In Rs)</b>	<b>Unit Rates in Words (In Rs)</b>	<b>AMOUNT (Rs)</b>
1.0	LUMPSUM PRICE FOR ERECTION AND COMMISSIONING OF STEAM TURBINE SETS INCLUDING TG/GENERATOR INTEGRAL PIPING, AS PER SCOPE OF WORK AND BOQ GIVEN IN TENDER SPECIFICATION	<b>3</b>	<b>SET</b>			
2.0	PIPING ( as per scope of work and BOQ given in Tender Specification)	<b>220</b>	<b>MT</b>			
<b>TOTAL OF SECTION - B</b>						

**GRAND TOTAL OF SECTION A AND SECTION B**

<b>SL NO</b>	<b>DESCRIPTION</b>	<b>AMOUNT (Rs)</b>
1.0	<b>Total of Section – A (Material Handling &amp; MM Services)</b>	1969800
2.0	<b>Total of Section – B (Erection, Testing &amp; Commissioning)</b>	
	<b>Grand Total for entire scope of work (Section A + Section B) In Rs</b>	
	<b>Grand Total for entire scope of work in Words Rs</b>	

Date:

Signature & Official Seal of Bidder