

# **TENDER SPECIFICATION**

**No. - BHE/PW/PUR/ KRSR-BLR/1504**

FOR

COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD, TRANSPORTATION TO SITE AND CARRYIN OUT REPLACEMENT/ERECTION, OVERHAULING, TESTING, COMMISSIONING, TRIAL OPERATION AND HANDING OVER, of BOILER AND ITS AUXILIARIES INCLUDING AIR PREHEATERS, DUCTS AND DAMPERS, FANS, FUEL PIPING, BOILER INTEGRAL PIPING, POWER CYCLE PIPING, CHEMICAL DOZING SYSTEM, LINING & INSULATION, FINAL PAINTING AND TRANSPORTATION OF THE SCRAP TO SCRAP YARD ETC. FOR THE WORK OF MAIN PLANT PACKAGE OF ENERGY EFFICIENT RENOVATION & MODERNIZATION (EE R&M), UNIT # 6

OF

1X210 MW MSPGCL, KORADI TPS  
NAGPUR  
MAHARASHTRA STATE

**PART 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/ KRSR-BLR/1504**

**NAME OF THE WORK:** COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD, TRANSPORTATION TO SITE AND CARRYING OUT REPLACEMENT/ERECTION, OVERHAULING, TESTING, COMMISSIONING, TRIAL OPERATION AND HANDING OVER, of BOILER AND ITS AUXILIARIES INCLUDING AIR PREHEATERS, DUCTS AND DAMPERS, FANS, FUEL PIPING, BOILER INTEGRAL PIPING, POWER CYCLE PIPING, CHEMICAL DOZING SYSTEM, LINING & INSULATION, FINAL PAINTING AND TRANSPORTATION OF THE SCRAP TO SCRAP YARD ETC. FOR THE WORK OF MAIN PLANT PACKAGE OF ENERGY EFFICIENT RENOVATION & MODERNIZATION (EE R&M), UNIT # 6

OF

1X210 MW MSPGCL, KORADI TPS

NAGPUR

MAHARASHTRA STATE

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 **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:

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no BHE/PW/PUR/ KRSR-BLR/1504**  
**(Volume- II: Price Bid Specification)**  
**Schedule of Rates and Quantities For Unit # 6**

<b>1.0:- ERECTION &amp; COMMISSIONING WORK:</b>						
<b>SL.NO</b>	<b>Contract (Main Package)</b>	<b>Rate schedule Identifier</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE PER UNIT IN Rs. (In figure &amp; words)</b>	<b>TOTAL AMOUNT</b>
1.1	Boiler	Structures	1000	MT		
1.2	Boiler	Pressure Parts	1257	MT		
1.3	Boiler	Non Pressure Parts	1455	MT		
1.4	RM	Rotating Machines (FD Fans Mills, etc and aux)	174	MT		
1.5	RM	Air-preheater	496	MT		
1.6	PIPING	Piping-Hangers and Supports	69	MT		

Date:

Signature & Official Seal of Bidder

**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no BHE/PW/PUR/ KRSR-BLR/1504**  
**(Volume- II: Price Bid Specification)**  
**Schedule of Rates and Quantities For Unit # 6 (210 MW)**

1.7	<b>INSULATION</b>	Wool Mattress, Iron parts, Aluminum Cladding sheets, Pourable and castable	717	MT		
1.8	<b>Temporary PIPING</b>	Piping-Temporary (Chemical Cleaning, Steam Blowing)	100	MT		
<b>TOTAL PRICE OF E &amp; C IN FIGURES (Rs)</b>				MT		Rs.
<b>TOTAL PRICE IN WORDS (Rs)</b>						
<b>2.0:- DISMANTLING WORK:</b>						
SL.NO	Contract (Main Package)	Rate schedule Identifier	QTY	UNIT	RATE PER UNIT IN Rs. (In figure & words)	TOTAL AMOUNT
2.1	<b>Boiler</b>	Structures	1000	MT		
2.2	<b>Boiler</b>	Pressure Parts	1257	MT		
2.3	<b>Boiler</b>	Non Pressure Parts	1455	MT		
2.4	<b>RM</b>	Rotating Machines (FD Fans Mills, etc	174	MT		

Date:

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**Bharat Heavy Electricals Limited (PSWR, Nagpur)**  
**Tender Specification no BHE/PW/PUR/ KRSR-BLR/1504**  
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**Schedule of Rates and Quantities For Unit # 6 (210 MW)**

		and aux)				
2.5	RM	Air-preheater	496	MT		
2.6	PIPING	Piping-Hangers and Supports	69	MT		
2.7	INSULATION	Wool Mattress, Iron parts, Aluminum Cladding sheets, Pourable and castable	717	MT		
<b>TOTAL PRICE OF DISMANTLING IN FIGURES (Rs)</b>			5168	MT	Rs.	
<b>TOTAL PRICE IN WORDS (Rs)</b>						
<b>3.0:- Cleaning/ Overhauling/ Repair /Re-alignment/Servicing of Boiler</b>						
	<b>Scope</b>			<b>Unit</b>	<b>Amount in figure</b>	<b>Rate in words</b>
3.1	<b>Erection of Cuff Lock coupling, Cleaning of boiler inside &amp; outside, Removal of Ash from Pent House, Dead Chamber &amp; from various zones, ducts &amp; hoppers etc. Servicing /</b>			LS		

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<p><b>repair of all valves of Boiler area, all drum mountings/fittings, vents, drains, oil lines, connecting links of buck stay beams &amp; EQ restraints and boiler sliding supports, Repair /realignment/ Servicing of Boiler Pent house header supports, manholes, peep holes, doors. Repair of damaged portion of dog house, cat house including supports. Overhauling of Fans and any other activities related to overhaul but not covered above. OVERHAULING, CLEANING, SERVICING OF EQUIPMENTS DURING ERECTION AND COMMISSIONING STAGES ARE IN THE SCOPE OF WORK.</b></p>			
<b>GRAND TOTAL PRICE IN FIGURES (1+2+3)</b>			
<b>GRAND TOTAL PRICE IN WORDS (1+2+3)</b>			

**Note:-**The weights given are fixed for dismantling purpose. There is no variation are allowed in total tonnage 5168 MT. Dismantling and overhauling work to be completed within the quoted and accepted lump sum value.

Date:

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