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TENDER SPECIFICATION

TENDER NO. BHEL/NR/SCT/UNCHAHAHAR/BOILER /957

FOR

**ERECTION, TESTING, COMMISSIONING, TRIAL OPERATION & HANDING OVER OF
BOILER, ESP, ROTATING MACHINES, ITS AUXILIARIES, POWER CYCLE PIPING,
PAINTING, INSULATION ETC. INCLUDING SUPPLY OF PAINTS AT 1X500 MW,
STAGE-IV, FGUTPP, NTPC UNCHAHAHAR, U.P.**

PART- II - PRICE BID



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar,
NOIDA – 201 301 (INDIA)



**ISO 9001, ISO 14001,
OHSAS 18001 & SA 8000
certified company
Sub Contract Deptt.**

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25 , Sector - 16A ,
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IMPORTANT NOTE

PURCHASER OF THIS TENDER DOCUMENT IS ADVISED TO CHECK AND ENSURE COMPLETION OF ALL PAGES OF TENDER DOCUMENT AND REPORT ANY DISCREPANCY TIMELY FOR CORRECTIVE ACTION, IF ANY, TO THE ISSUING AUTHORITY BEFORE THE BIDS ARE SUBMITTED. ORIGINAL COPY OF TENDER DOCUMENT COMPLETE IN ALL RESPECTS MUST BE SUBMITTED BACK AS PART OF THE BID WITHOUT WHICH THE SAME IS LIABLE TO BE REJECTED BY BHEL.

THIS TENDER SPECIFICATION ISSUED TO:

M/S-----

ANNEXURE-A

RATE SCHEDULE

Item No.	DESCRIPTION OF WORK	Total Value In Rupees (In figures and words "A")
1.0	Total Lumpsum price for Handling, Erection, Testing, commissioning, Trial Operation & Handing over of Boiler including auxiliaries, Pressure Parts & Non-pressure parts, ESP Rotating Machines, Insulation, Power Cycle Piping & Final Painting including supply of paints at 1X500 MW, NTPC Unchahar, Stage-IV for 35646 MT (As per tender specification)	

Note:

The rates of different items for the entire scope shall be worked out & awarded as per Annexure "B".

ANNEXURE-B

Calculation ratio for different items based upon the total value as per rate schedule

A	SERVICE PORTION		
Sl. No	DESCRIPTION OF WORK	Qty in MT	Rate per MT in Rupees (In figures and words)
1	Rate in Rupees per MT for erection, testing, commissioning, trial operation and handing over of Pressure parts etc as per tender specifications (Detail as per Annexure- IA)	5896	<u>A X 3.5504</u> 100000
2	Rate in Rupees per MT for erection, testing, commissioning, trial operation and handing over of Structures & Non pressure parts etc as per tender specifications (Detail as per Annexure- IB)	14731	<u>A X 2.7301</u> 100000
3.	Rate in Rupees per MT for erection, testing, commissioning, trial operation and handing over of ESP etc as per tender specifications (Detail as per Annexure- IC)	7471	<u>A X 1.9854</u> 100000
4	Rate in Rupees per MT for erection, testing, commissioning, trial operation and handing over of Rotating Machines etc as per tender specifications (Detail as per Annexure- ID)	3512	<u>A X 1.6973</u> 100000
5.	RATE in Rupees per MT for complete scope of work as per tender specification for insulation and sheeting , etc. for Boiler, ESP, piping as per specifications. (Detail as per Annexure- IE)	2284	<u>A X 2.6611</u> 100000
6.	Rate in Rupees per MT for erection, testing, commissioning, trial operation and handing over of Piping systems (including valves, flanges etc) as per tender specifications (Detail as per Annexure –IF)	-	-
A	P91 Piping	158	<u>A X 9.5998</u> 100000
B	P 22 Piping	260	<u>A X 7.4938</u> 100000

C	Other Piping Material	1334	$\frac{A \times 6.3637}{100000}$
	TOTAL	35646	
B	SUPPLY PORTION (LUMPSUM)		
1.	Supply of all paints, primers & other consumables required for complete painting of boiler and Aux. As per Tender specification (Equivalent to 1.5% of total quoted value)	LS	LS

NOTES:

1. The quantities indicated above are tentative and are liable to vary depending upon the site requirement. The contractor has to supply / erect / commission all the items indicated by BHEL for achieving the milestones and completion of work.
2. Separate order shall be issued for service items (A) and Supply items (B).
3. Evaluation of bids shall be done on total price against this Rate Schedule.
4. 1.5% of quoted value for supply portion will remain fixed with no compensation for variation in quantities, escalation of rates etc during the contract period.
5. In case of any mismatch in Rate and amount on Price discrepancy, the same will be dealt as per clause No. 1.4 of GCC.