

# TENDER SPECIFICATION

BHEL: PSSR: SCT: 1420

FOR

Handling at site stores / storage yard, transporting to site, inspection, pre-assembly, erection, alignment, welding, NDT, fixing of hangers & supports, chemical cleaning / pickling, oil flushing, water flushing, hydro testing & steam blowing, surface finishing, supply & application of primer & finish paints including labeling & flow direction on the piping over insulation & hangers and supports, pre-commissioning, commissioning, trial operation & handing over to customer of **Power cycle piping** and its associated items / systems, hangers and supports, valves, miscellaneous equipments and other equipments supplied under SG & TG packages for M/s TNEB,

at

NORTH CHENNAI THERMAL POWER STATION  
STAGE – II, Unit – 1&2 of 2x600 MW,  
Athipattu, Chennai,  
Tamilnadu state

**PART – II PRICE BID**

BOOK NO:



**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)

Power Sector – Southern Region

690, Anna Salai, Nandanam, Chennai – 600 035.

**SECTION VII APPENDIX – XII****RATE SCHEDULE FOR POWER CYCLE PIPING AT NCTPS STAGE-II 2x600 MW**

Sl. No	Description	Approx. weight (MT)	Unit Rate (Rs.)	Amount (Rs.)
1	Erection, Testing and Commissioning and completion of trial operations of the complete piping together with valves, fittings, hangers and supports etc. as per the detailed description and nature of work enumerated in the tender specification and supply and application of final painting including supply of consumables, tools and tackles excepting the consumables and T&P supplied by BHEL, all handling and transportation from BHEL/Customer's storage and other incidental works during pre-assembly, erection, testing and commissioning work as detailed in the Tender Specification. This shall include all types of handling and transportation of materials from site store sheds/storage yard to pre-assembly yard to place of erection, any extra work of modification/rectification that may arise during erection, testing and commissioning of works which is incidental to normal erection works.			
1a.	Power cycle piping involving SA335 P91 materials including valves	500 MT		
1b.	For power cycle piping-HP Piping including Valves	1054 MT		
1c.	LP Piping including Valves	388 MT		
1d.	SS Piping	2 MT		
1e.	For Hangers & Supports required for all piping indicated under Sl. No. 1a, 1b, 1c & 1d of above, Aux. Steel for the above piping, including fabrication if required, Erection, Testing and Commissioning including Tanks/Vessels/pumps and other miscellaneous items.	652 MT		

SIGNATURE OF BIDDER

Sl. No	Description	Approx. weight (MT)	Unit Rate (Rs.)	Amount (Rs.)
2	Handling at site stores, storage yard, transportation to site of work, erection of temporary piping incl. misc items required for chemical cleaning including connected valves and carrying out the chemical cleaning operation of the system, including dismantling, transportation and handing over of the temporary piping to BHEL stores after completion of chemical cleaning activity.	75 MT		
3	Handling at site stores / storage yard, transportation to site of work, erection of temporary piping incl. of misc items required for steam blowing including connected valves and carryout the steam blowing operation of the system, including dismantling, transportation and handing over of the temporary piping to BHEL stores after completion of steam blowing activity.	50 MT		

**TOTAL (Rs.in figures)**

Total (Rupees in words)

SIGNATURE OF BIDDER

**NOTE TO RATE SCHEDULE:**

- 1 The quantities indicated under the column approx.weight, are only approximate and are liable for variation and alteration at the discretion of BHEL. The quoted unit rate shall be applicable for any additional product groups of manufacturing unit, if included at a later date. The work executed shall be measured and priced at unit rate quoted by the contractor and accepted by BHEL.
- 2 The Bidder is expected to fill up the rate column after satisfying all terms and conditions of Tender Specification.
- 3 Bidder is requested to quote their rates, only in the price bid (part II) provided by BHEL. Quoting of rates in any other form / formats will not be entertained.

SIGNATURE OF BIDDER