

TENDER SPECIFICATION

BHEL PSSR SCT 1389

**ERECTION, TESTING AND COMMISSIONING OF STEAM
TURBINE, GENERATOR AND ITS AUXILIARIES**

FOR

UNIT 1&2 OF 2 X 600 MW

FOR

**TAMIL NADU ELECTRICITY BOARD
AT
NORTH CHENNAI TPS – STAGE II
ATHIPATTU, TAMIL NADU**

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**



Bharat Heavy Electricals Limited

(A Govt. of India Undertaking)

Power Sector – Southern Region

EVR Periyar Building

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

TENDER SPECIFICATION NO: BHEL: PSSR: SCT: 1389

NAME OF WORK

Handling at site stores / storage yard, Transportation to site of work, Pre-assembly, Erection, Testing and Commissioning of Steam Turbine, Generator and auxiliaries, Part of CW piping, CW pumps and other BOI Including Supply and Application of Final Painting for Unit 1&2 – 2x600 MW set at North Chennai TPS, Athipattu, Chennai, TamilNadu

(PRICE BID)

PART II

Issued to
M/s.

For and on behalf of
BHARAT HEAVY ELECTRICALS LIMITED

Additional General Manager/Contracts

(This tender document is not transferable)

Place: Chennai-600 035.

Date:

Annexure- XI RATE SCHEDULE
NCTPS STAGE-II UNIT -1&2 OF 2x600MW

Sl.no.	Description of work	Lumpsum Amount in Rupees (In Figures & Words) per unit
	<p>Supply of labour, all consumables and tools and tackles (except those specifically indicated as BHEL supply in the Tender specification) required for Handling at stores, transporting to site, inspection, preparation of foundation, erection, leveling, centering, alignment, grouting & final alignment of Steam Turbine, Turbo Generator and auxiliaries, CW Pumps, BOI identified, pre-assembly, erection, alignment, welding, NDT, fixing hangers & supports, chemical cleaning/pickling, oil flushing, water flushing, hydro testing, & steam blowing of integral piping/oil piping, H₂/CO₂/Water cooling system, Pre assembly, erection, welding, NDT of water cooled Condenser, feed water storage tank, de-aerator, LP/HP heaters, GSC & other coolers, flash tanks etc., CW piping near condenser upto "A" row column puddle flange, erection and commissioning of Motor Driven & Turbo Driven Boiler feed pumps, Motor driven Condensate Extraction Pumps, surface finish, supply & application of primer & finish paints / Anti corrosive epoxy resin based / chlorinated rubber based / Glass Fiber Reinforced epoxy film / steam wash paints including labeling, on equipments, & piping, pre-commissioning, commissioning, trial operation & handing over of 600 MW North Chennai TPS - Steam Turbine, Generator and Auxiliaries as detailed in Technical Specification.</p> <p>Approximate Weight 3997 MT PER UNIT</p>	

SIGNATURE OF THE TENDERER

Note :

1. The total weight indicated in rate schedule is only approximate and is liable for variation / alteration at the discretion of BHEL.
2. The total lumpsum value includes all charges towards pre-heating, welding, post heating, heat treatment and NDT all joints involved in this work including that of all joints of site routed piping, condenser and any other joints.
3. Radiography and other NDT testing such as LPT, UT and MPI will have to be arranged by contractor at their cost.
4. The lumpsum quoted rate shall include for the variation of PLUS 10% in quantity, for Erection Works.
5. In case of variation in weight beyond +10% i.e beyond 4397 (3997+ 400) MT the quantity exceeding +10% of the tendered quantity will be paid at the average tonnage rate arrived at by dividing the Lumpsum Quoted / accepted value by 4397.
6. Tenderers are required 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 THE TENDERER