

TENDER SPECIFICATION

BHEL: PSSR: SCT: 1424

FOR

Handling at Site Store / Storage Yard, Transportation to Site of Work, Erection, Testing and Commissioning of 1 No. Frame V Gas Turbine, Generator and its Auxiliaries, 1 No. Frame VI Gas Turbine, Generator and its Auxiliaries, including integral piping, 2 Nos. of 28.5 MW Steam Turbine, Generators and their Auxiliaries, including integral piping and insulation, and Balance of Plant Equipment, including Supply and Application of Final Painting.

at

PHASE III- 1X 122 MW COGEN CPP
MANGALORE REFINERIES AND PETROCHEMICALS LTD,
MANGALORE, KARNATAKA STATE

VOLUME –II

PRICE BID



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 Government of India Undertaking)
Power Sector, Southern Region
690, Anna Salai, Nandanam, Chennai – 35

Tender Specification No. BHEL: PSSR: SCT: 1424

for

Handling at Site Store / Storage Yard, Transportation to Site of Work, Erection, Testing and Commissioning of 1 No. Frame V Gas Turbine, Generator and its Auxiliaries, 1 No. Frame VI Gas Turbine, Generator and its Auxiliaries, including integral piping, 2 Nos. of 28.5 MW Steam Turbine, Generators and their Auxiliaries, including integral piping and insulation, and Balance of Plant Equipment, including Supply and Application of Final Painting at Phase III- 1X 122 MW Cogen CPP Mangalore Refineries and Petrochemicals Ltd, Mangalore, Karnataka state.

One set of Tender documents consisting of

- 1) TECHNOCOMMERCIAL BID - 2 copies
- 2) PRICE BID - 2 copies

Book Sl no

Issued to
M/s

Refer NIT for Last date of submission

Please note this tender document is not transferable

For and on behalf of
BHARAT HEAVY ELECTRICALS LIMITED

ADDL GENERAL MANAGER / CONTRACTS

Place: Chennai -35

Phase III- 1X 122 MW Cogen CPP Mangalore Refinery and Petrochemicals Ltd, Mangalore, Karnataka state
ERECTION, TESTING & COMMISSIONING OF 1 NO. FRAME V GTG & AUX, 1 NO. FR. VI GTG & AUX.,
2 NOS. 28.5 MW STG & AUX AND BALANCE OF PLANT EQUIPMENT

RATE SCHEDULE FOR BHEL: PSSR:SCT 1424

SL NO.	DESCRIPTION OF WORK	QTY	LUMP SUM UNIT RATE	TOTAL
	Erection, Testing and Commissioning and completion of trial operations of GTG, STG along with their auxiliaries, and Balance of Plant Equipment as per the detailed description and Supply of labour, all consumables and Tools and Tackles (except those specifically indicated as BHEL supply in the Tender specification) required for Erection, Testing and Commissioning of GTG / STG, associated auxiliaries, Piping and BOP Equipment etc., application of Insulation and supply & application of Final Painting as per detailed description and nature of work enumerated in the Tender specification including all handling and other incidental works, modification and rectification work of GTG / STG and auxiliaries, Piping and BOP works required prior to and during pre-assembly, Erection, Testing and Commissioning of the entire system. This shall also include handling and Transportation of the materials and equipments from BHEL / Customer stores / storage yard to pre-assembly yard and place of erection			
1	E,T&C of Fr. V GT/GTG and Auxiliaries with associated equipment, integral piping, systems complete (Approximate Weight : 568 MT)	1 set		
2	E,T&C of Fr. VI GT/GTG and Auxiliaries with associated equipment, integral piping, systems complete (Approximate Weight : 715 MT)	1 set		
3	E,T&C of 28.5 MW Steam Turbine/ Steam Turbine Generator and Auxiliaries with associated equipment, integral piping, systems complete (Approximate Weight: 387 MT each)	2 sets		

RATE SCHEDULE FOR BHEL: PSSR:SCT 1424

SL NO.	DESCRIPTION OF WORK	QTY	LUMP SUM UNIT RATE	TOTAL
4	Balance Of Plant (BOP) Equipment (Approximate Weight: 900 MT)	1 set		
	TOTAL			

Rupees.

Signature of bidder

NOTE TO RATE SCHEDULE

1. A lump sum rate is to be quoted for Erection & Commissioning of each item in Rate Schedule). The rate shall include Erection & Commissioning of all equipment detailed under 1 to 4 also cover works like integral piping, insulation of the integral piping and final painting, as applicable. No separate rate will be applicable for any of these works.
The Lump sum quoted value shall include for the Variation of +15% (Fifteen percent) in quantity for Erection Works. In case of variation in weight beyond +15%, the quantity exceeding +15% of the tendered quantity will be paid at the average tonnage rate arrived at by dividing the lump sum quoted/accepted value by 115% of tentative weight indicated .
2. The quantities indicated are approximate and are liable for variation and alteration at the discretion of BHEL. The quoted unit rates shall be applicable for any additional product groups pertaining to the system, if added at a later stage. The work executed shall be measured and priced at unit rate quoted and accepted by BHEL.
3. The rates quoted shall include all charges towards pre heating, welding, post heating, heat treatment and NDT of all joints involved in this work.
4. Radiography and other NDT testing such as LPI, UT, and MPI shall be arranged by Contractor at their cost.
5. Yard piping is excluded from the scope of this work

Signature of bidder