

# **TENDER SPECIFICATION**

**BHEL: PSSR: SCT: 1413**

Handling at site stores / storage yard,  
Transportation to site of work, Erection, Testing  
and commissioning of 2x85TPH Heat Recovery  
Steam Generators (HRSG) + 4x270TPH Utility  
Boilers along with their Auxiliaries including  
Supply & application of Final Painting

for

**MRPL PHASE-III 122MW CO-GENERATION CPP  
AT MANGALORE, KARNATAKA**

**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: 1374**

NAME OF WORK

Handling at site stores / storage yard, Transportation to site of work, Erection, Testing and Commissioning of 2x85TPH Heat Recovery Steam Generators (HRSG) + 4x270TPH Utility Boilers along with their Auxiliaries including Supply & application of Final Painting for the MRPL Phase-III 122MW Co-Generation CPP at Mangalore, Karnataka.

(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:

**BHEL: PS: SCT: 1413 SECTION VII APPENDIX – XI**

**RATE SCHEDULE -A**

Sl. No.	Description of work	Approx. Wt in MT	Unit Rate/ MT	Total Amount
	Erection, Testing and Commissioning and Completion of trial operations of 4 x 270 TPH BOILER & Aux., ROTATING EQUIPMENTS, INSULATION of MRPL Phase III Refinery CPP, as per the detailed description and nature of work enumerated in the Tender specification including supply of consumables, tools & tackles, equipments, all handling and transportation from BHEL/ Customer's stores(10km approx) and other incidental works during pre-assembly, erection, testing and commissioning work, supply and application of touch-up, preservation & final painting as detailed in the Tender Specification. This shall include handling and transportation all types of materials from the site store sheds / Storage yard to place of erection including any extra work of modification / rectification that may arise during erection, testing and commissioning works which is incidental to normal erection works.			
1	For the entire Pressure Parts works of Boiler	2280		
2	For the entire Non-Pressure Parts works of Boiler including structures, galleries, ducts, dampers, gates etc.	3190		
3	For the entire works of Rotating Equipments such as air pre heaters, Fans, Motors etc. as specified in the tender document.	650		
4	Application of insulation, including Fixing components, Mineral wool, Refracting etc. for boiler pipings, tanks, vessels, etc. These rates shall include preparation of mattresses with specified density and proper shape to suit ducts, vessels, pipes, valves and other similar works.	550		
5	For Boiler Integral Piping	230		
	Sub Total			

**FOR ERECTION OF HRSG & AUXILIARIES  
RATE SCHEDULE-B**

Sino	Description	Approx weight (MT)	Unit Rate (Rs)	Amount (Rs)
01	<p>Erection, Testing, Commissioning and completion of trial operations of HRSG and its auxiliaries and piping as per the detailed description and nature of work enumerated in the Tender Specification including supply of consumables, tools and tackles, all handling and transportation from BHEL/ Customer's stores(10km approx) and other incidental works during pre-assembly, erection, testing and commissioning work and supply &amp; application of final painting as detailed in the tender specification.</p> <p>This shall include all types of handling and transportation of materials from the site stores / sheds / storage yard to place of erection including any extra work of modification rectification that may arise during erection, testing and commissioning works which is incidental to normal erection works for the entire work of 2 x 85 TPH Heat Recovery Steam Generator like Structures, Galleries, Pressure Parts, Non Pressure parts, Piping and ducts etc., including supply and application of final painting as per customer/ BHEL specification and fixing iron components and application of insulation</p>			
1A	Pressure Parts	711		
1B	Non Pressure Parts	972		
1C	Insulation	196		
	<b>Sub Total</b>			

**Total (Rate schedule-A+ Rate schedule-B).....**

**SIGNATURE OF BIDDER**

**NOTE TO RATE SCHEDULE:**

The quantities indicated in column 3 are approximate only and are liable for variation and alteration at the discretion of BHEL. The quoted unit rate shall be applicable for any additional product groups, 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.

1. The Tenderer is expected to fill up the rate column after satisfying all terms and conditions of Tender Specification.
2. Tenderers are 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.