

TENDER SPECIFICATION

BHEL: PSSR: SCT: 1431

FOR

Handling at site stores / storage yard, Transportation to site of work, Application of Refractory & Insulation materials and connected works for Boiler, ESP, Fans, Piping, Vessels etc for 1x330TPH Boiler (Unit-6) & 1x67.5 MW Turbo Generator (Unit-5)

at

Rashtriya Ispat Nigam Ltd, Visakhapatnam Steel Plant
RINL-VSP CPP Expansion, Visakhapatnam
Andhra Pradesh.

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

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One set of Tender documents consisting of Volume-I and Volume II

BOOK SLNO _____

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:

RATE SCHEDULE – RINL, Vizag 1 X 330 TPH Boiler (UNIT – 6) & 1 X 67.5 MW Turbo Generator (UNIT – 5)

SNO	DESCRIPTION OF WORK	APPROXIMATE WEIGHT (MT)	Rate in Rs		AMOUNT (Rs)	
			In Figures	In Words	In Figures	In Words
01	Application of all insulation & refractory materials like Cement, mortar standard and shaped bricks refractory, pourable insulation & other similar items as per BHEL Engineers instructions and drawings for Boiler and connected auxiliaries,& equipments, TG Auxiliaries , and piping. Rates quoted shall include all incidental works like chipping, shaping and arranging shuttering if any to suit site conditions & leading these materials from storage yard to place of erection.					
1a	Castable Refractory	55.00				
1b	Pourable Insulation	70.00				

SNO	DESCRIPTION OF WORK	APPROXIMATE WEIGHT (MT)	Rate in Rs		AMOUNT (Rs)	
			In Figures	In Words	In Figures	In Words
1c	Calcium silicate	1.00				
2	Application of Mineral wool insulation including acoustic insulation of fans, Insulation in the specific shapes like mattresses of single or multilayer (with unbonded and bonded wool mattresses) as per drawings, BHEL's specifications & BHEL Engineers instructions for Boiler and their connected auxiliaries, ESP (excluding ESP inner walls) ,piping. These rates shall include preparation of mattresses with specified density and proper shape to suit ducts, vessels, pipes, valves and other similar works. These shall also include leading these materials	310.00				

SNO	DESCRIPTION OF WORK	APPROXIMATE WEIGHT (MT)	Rate in Rs		AMOUNT (Rs)	
			In Figures	In Words	In Figures	In Words
	from storage yard to place of work.					
3	Application of iron components for linking and fixing components like hooks, casing supports , casing strips, omega strips retainers, sheets, channels, weld mesh, GI wire, etc., including erection of structural material enclosures for pressure parts, skin casing and other miscellaneous items, for insulation works including fabrication, erection and installation of these components gas and arc welding, gas cutting, etc., required for proper erection of the materials, painting as required for above works as per drawings & specification and instructions of	155.00				

SNO	DESCRIPTION OF WORK	APPROXIMATE WEIGHT (MT)	Rate in Rs		AMOUNT (Rs)	
			In Figures	In Words	In Figures	In Words
	BHEL Engineer. The rate quoted shall also include leading these materials from storage yard to place of work and also gas cutting, welding, bolting, threading, jointing, erection, alignment welding of structural parts coming as support for insulation, refractory works, etc., as per drawings and BHEL Engineer instructions.					
4	Application of Aluminium sheeting of varying thickness including corrugated sheets and other connected components used for supporting and reinforcing wool insulation including arc and gas welding, fabrication and installation of these components, painting inner	82.00				

SNO	DESCRIPTION OF WORK	APPROXIMATE WEIGHT (MT)	Rate in Rs		AMOUNT (Rs)	
			In Figures	In Words	In Figures	In Words
	side of the sheets with two coats of anti corrosive paint ,application of sealing compound as per BHEL specification , drawings and site engineers instructions. The rate quoted shall also include fabrication of boxes shaped coverings to suit site conditions and leading these materials from storage yard to place of work.					
	TOTAL WT	673.00				

TOTAL (SL NO 01 TO 04) Rs _____

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. welding includes welding on pressure parts and non pressure parts of certain places. The accepted rates shall include this also.
3. Tenderers are required to quoted their rates, only in the price bid (Vol II) provided by BHEL. Quoting of rates in any other form / formats will not be entertained.

SIGNATURE OF THE TENDERER