

TENDER SPECIFICATION

No. BHE/PW/PUR/HZI-BLM/499

FOR

Receipt, Unloading, Verification, Storage & Preservation of Materials, Materials Management Services for entire BTG package; Collection of materials from BHEL/Client's stores/storage yard, Transportation to site of work, Erection, Testing, Assistance for Commissioning, Final Painting and Handing Over of P.F. fired Boiler with Auxiliaries, ESP with Auxiliaries, De-aerating Heater with approach platform, Tanks, Vessels, Re-generative System Piping, Power Cycle Piping, HP & LP Bypass System, Application of Thermal Insulation & Cladding of

**1x80 MW CAPTIVE POWER PLANT
ZAWAR MINES
HINDUSTAN ZINC LIMITED
DIST- UDAIPUR
RAJASTHAN**

Part II – Price Bid Specification



Bharat Heavy Electricals Limited

(A Government of India Undertaking)

Power Sector - Western Region

345-Kingsway, Nagpur-440 001

Bharat Heavy Electricals Limited

(A Government of India Undertaking)

Power Sector - Western Region

Shreemohini Complex

345-Kingsway, Nagpur-440 001

No. BHE/PW/PUR/HZI-BLM/499

FOR

Receipt, Unloading, Verification, Storage & Preservation of Materials, Materials Management Services for entire BTG package; Collection of materials from BHEL/Client's stores/storage yard, Transportation to site of work, Erection, Testing, Assistance for Commissioning, Final Painting and Handing Over of P.F. fired Boiler with Auxiliaries, ESP with Auxiliaries, De-aerating Heater with approach platform, Tanks, Vessels, Re-generative System Piping, Power Cycle Piping, HP & LP Bypass System, Application of Thermal Insulation & Cladding of

1x80 MW CPP

ZAWAR MINES

HINDUSTAN ZINC LIMITED

DIST- UDAIPUR

RAJASTHAN

EARNEST MONEY DEPOSIT: Please see Special Conditions of Contract.

LAST DATE FOR TENDER SUBMISSION: Please obtain updated information from web page "<http://www.BHEL.com>" → Tender Notifications → View Corrigendums.

THESE TENDER SPECIFICATION DOCUMENTS CONTAINING PART-I AND PART-II ARE ISSUED TO:

M/s.

.....

PLEASE NOTE:

THESE TENDER SPECS DOCUMENTS ARE NOT TRANSFERABLE.

BIDDER SHALL NOTE THAT THEIR OFFER WILL BE CONSIDERED SUBJECT TO THE APPROVAL OF BHEL'S CUSTOMER.

For Bharat Heavy Electricals Limited

Dy. General Manager (Purchase)

Place: Nagpur

Date:

Bharat Heavy Electricals Limited: PSWR: Nagpur
Tender Specification No. BHE/PW/PUR/HZI-BLM/499 : Part-II (Price Bid Specification)
Schedule of Rates and Quantities (Page 1 of 4)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
A	RECEIPT, UNLOADING, VERIFICATION, STACKING OF MATERIALS AS PER SCOPE SPECIFIED IN TENDER SPECIFICATION WITH ASSOCIATED AMENDMENTS, CLARIFICATIONS ETC. VARIOUS ITEMS OF WORK ARE AS FOLLOWS.				
A.1	Materials received at site in trucks, trailers/ carriers for consignments consigned to project, unloading at BHEL storage yard/sheds, erection site, verification and stacking the same in assigned location including box verification for incoming materials	4800	MT		
A.2	Contacting road transporters/courier services go-down in and around Udaipur, based on LWB/GC notes handed over to the contractor and arranging collection, transportation of goods to BHEL storage yard, storage shed, erection site, unloading, verification and stacking the same in assigned location including box verification for incoming materials	20	MT		
A.3	Shifting of materials already stored or stacked at BHEL stores/sheds/erection site to customer's premises or premises of other agencies in HZL complex or vice versa by loading, transporting, unloading and stacking. Approx. Lead distance 3km.for incoming materials	150	MT		
A.4	Loading of materials into trucks/carriers at site stores/erection site for onward transportation to other destinations by other agencies (out going materials)	50	MT		

Date

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited: PSWR: Nagpur
Tender Specification No. BHE/PW/PUR/HZI-BLM/499 : Part-II (Price Bid Specification)
Schedule of Rates and Quantities (Page 2 of 4)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
A.5	Collection of smalls from BHEL stores/ erection site, transporting to railway station/transport company's go-downs and booking for onward transportation by railways/road carriers to other destinations.	10	MT		
A.6	Preservation of components by surface cleaning, application of one coat of ROZC (IS :2074) primer and inscription of identification number/code. Etc.	50	MT		
B	ERECTION, TESTING, ASSISTANCE FOR COMMISSIONING OF BOILER AND AUXILIARIES AS PER SCOPE SPECIFIED IN TENDER SPECIFICATION WITH ASSOCIATED AMENDMENTS, CLARIFICATIONS ETC. VARIOUS ITEMS OF WORK ARE AS FOLLOWS.				
B.1	Structures- structural, platforms, stairways, galleries, handrails etc and de-aerator platform	1100	MT		
B.2	Non pressure parts - buck stay, seal boxes, skin casing, man-hole doors, boiler enclosure, roof skin casing, boiler outer casing, fuel burners, ducts, dampers, expansion joints, actuators etc.	650	MT		
B.3	Insulation- fixing components, retainers, mineral wool, refractory etc for boiler piping, tanks, vessels, ducts, power cycle piping, ESP etc.	250	MT		
B.4	Pressure parts and fuel lines - boiler drum, WW headers, WW panels circulating system, down-comers, SH headers, coils, links, economizer components, boiler trim piping with fittings, boiler integral piping with fittings, HP & LP flash tanks and other related tanks & vessels, etc.	750	MT		

Date

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited: PSWR: Nagpur
Tender Specification No. BHE/PW/PUR/HZI-BLM/499 : Part-II (Price Bid Specification)
Schedule of Rates and Quantities (Page 3 of 4)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
B.5	Rotating parts- soot blowers, ID, PA, FD fans, Air Pre-heaters, Pulverizer, Feeder, etc. & HT motors	520	MT		
B.6	Electrostatic precipitator with associated platforms stairs, etc, (expect insulation & fixing components)	1000	MT		
B.7	EQUIPMENTS LIFTING AND HANDLING TACKLES/DEVICES, HOISTS WITH STRUCTURE, ETC. UNDER PG 97,99	10	MT		
C: ERECTION, TESTING, ASSISTANCE FOR COMMISSIONING OF POWER CYCLING PIPING, RE-GENERATIVE SYSTEM PIPING, HP & LP BYPASS SYSTEM, HANGERS SUPPORTS ETC. AS PER SCOPE SPECIFIED IN TENDER SPECIFICATION WITH ASSOCIATED AMENDMENTS, CLARIFICATIONS ETC. VARIOUS ITEMS OF WORK ARE AS FOLLOWS.					
C.1	Alloy Steel Piping	55	MT		
C.2	Carbon Steel Piping (IBR)	55	MT		
C.3	Carbon Steel Piping (Non IBR)	45	MT		

Date

Signature & Official Seal of Bidder

Bharat Heavy Electricals Limited: PSWR: Nagpur
Tender Specification No. BHE/PW/PUR/HZI-BLM/499 : Part-II (Price Bid Specification)
Schedule of Rates and Quantities (Page 4 of 4)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
C.4	Stainless Steel Piping	2	MT		
C.5	Structure, Hangers & Supports.	30	MT		
GRAND TOTAL AMOUNT IN FIGURES (Rs.)					
GRAND TOTAL IN WORDS: RUPEES...					

Date

Signature & Official Seal of Bidder