

TENDER SPECIFICATION

No. - BHE/PW/PUR/SLT-BL4/497

FOR

COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD;
TRANSPORTATION TO SITE; ERECTION, TESTING, ASSISTANCE FOR
COMMISSIONING & TRIAL OPERATION; FINAL PAINTING AND HANDING
OVER OF 1x405 TPH CFBC BOILER AND AUXILIARIES INCLUDING ESP,
ROTATING MACHINES, DUCTS & DAMPERS, FUEL PIPING, BOILER INTEGRAL
PIPING, POWER CYCLE PIPING ETC. OF 125 MW CAPACITY UNIT -4

AT

GUJARAT INDUSTRIAL POWER COMPANY LIMITED

SURAT LIGNITE POWER PLANT (SLPP)

NANI NAROLI, TALUKA-MANGROL

DISTT: SURAT, GUJARAT

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

TENDER SPECIFICATION No. - BHE/PW/PUR/SLT-BL4/497

FOR

COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD;
TRANSPORTATION TO SITE; ERECTION, TESTING, ASSISTANCE FOR
COMMISSIONING & TRIAL OPERATION; FINAL PAINTING AND HANDING OVER OF
1x405 TPH CFBC BOILER AND AUXILIARIES INCLUDING ESP, ROTATING
MACHINES, DUCTS & DAMPERS, FUEL PIPING, BOILER INTEGRAL PIPING, POWER
CYCLE PIPING ETC. OF 125 MW CAPACITY UNIT -4

AT

GUJARAT INDUSTRIAL POWER COMPANY LIMITED

SURAT LIGNITE POWER PLANT (SLPP)

NANI NAROLI, TALUKA-MANGROL

DISTT: SURAT, GUJARAT

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/SLT-BL4/497 (PART-II : PRICE BID SPECIFICATION)
Schedule of Rates and Quantities (Page 1 of 3)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD; TRANSPORTATION TO SITE; ERECTION; TESTING; ASSISTANCE FOR COMMISSIONING & TRIAL OPERATION AND HANDING OVER OF 405 TPH CFBC BOILER AND AUXILIARIES INCLUDING ESP, ROTATING MACHINES, DUCTS & DAMPERS, FUEL PIPING, BOILER INTEGRAL PIPING, POWER CYCLE PIPING ETC. OF UNIT NO. 4 OF 2x125 MW PLANT AT SURAT LIGNITE POWER PLANT, GUJARAT INDUSTRIAL POWER COMPANY LIMITED, NANI NAROLI, TALUKA-MANGROL DISTT: SURAT, GUJARAT. DETAILED SCOPE OF WORK AS PER THE TENDER SPECIFICATION INCLUDING APPLICABLE AMENDMENTS AND CLARIFICATIONS. VARIOUS ITEMS OF WORK ARE AS FOLLOWING.					
A)	STRUCTURES				
	MAIN SUPPORTING STRUCTURES, PLATFORMS, STAIRWAYS, GALLERIES, HANDRAILS ETC OF BUNKERS, BOILER, ELEVATOR/LIFT STRUCTURES, DUCTING, SUPPORTING STRUCTURE & OTHER STRUCTURES AND HANDLING SYSTEM STRUCTURES (TENTATIVELY UNDER PG-34, 35, 36, 38, 39, 99)	3,224	MT		
B)	NON-PRESSURE PARTS				
	BUCKSTAYS, SEAL BOXES, FURNACE SKIN CASING, SOOT BLOWERS, SILENCERS & SILENCER SUPPORTING STRUCTURE, ESCAPE PIPING, FURNACE DOORS, BOILER SKIN CASING & ATTACHMENTS, FURNACE ENCLOSURES, VERTICAL ROOF ENCL, FURNACE DECK STRUCTURE, ATTACHMENT TO PRESSURE PARTS & PIPING, OIL AND GAS BURNERS, IGNITORS, FUEL OIL SYSTEM EQUIPMENTS E.G. PUMPS & TANKS, SEAL AIR, SCANNER AIR AND FEEDER AIR SYSTEMS, WIND BOX, COMBUSTOR GRATE, FBHE GRATE SPIES VALVE, BOTTOM ASH COOLERS, COAL & LIMESTONE CONVEYORS, DUCTS, VALVES & OTHER EQUIPMENTS, AIR DUCT, FLUE GAS DUCT, DAMPER, EXPANSION PIECE, SUPPORT, ACTUATORS OF DAMPERS/REGULATING VANES, TUBULAR AIR PREHEATER, SCAPH, LIGNITE FEEDER, BED ASH COOLER, COAL BUNKER, LIGNITE BUNKER, BED MATERIAL BUNKER, LIMESTONE BUNKER, THEIR FEEDERS, BUNKER EVACUATION SYSTEM, ELECTRICAL HEAT TRACING, HP & LP DOSING SYSTEM SKID, PLATE HEAT EXCHANGER FOR BOILER, {TENTATIVELY UNDER PG/PGMA Nos. 08, 09, 18, 20, 24 (PART), 28, 30, 31, 41, 42(PART), 43, 44, 47, 48, 50, 66, 81-441}.	3,577	MT		

Date

Signature and Official Seal of Bidder

BHARAT HEAVY ELECTRICALS LIMITED : PSWR : Nagpur
TENDER SPECIFICATION No. BHE/PW/PUR/SLT-BL4/497 (PART-II : PRICE BID SPECIFICATION)
Schedule of Rates and Quantities (Page 2 of 3)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD; TRANSPORTATION TO SITE; ERECTION; TESTING; ASSISTANCE FOR COMMISSIONING & TRIAL OPERATION AND HANDING OVER OF 405 TPH CFBC BOILER AND AUXILIARIES INCLUDING ESP, ROTATING MACHINES, DUCTS & DAMPERS, FUEL PIPING, BOILER INTEGRAL PIPING, POWER CYCLE PIPING ETC. OF UNIT NO. 4 OF 2x125 MW PLANT AT SURAT LIGNITE POWER PLANT, GUJARAT INDUSTRIAL POWER COMPANY LIMITED, NANI NAROLI, TALUKA-MANGROL DISTT: SURAT, GUJARAT. DETAILED SCOPE OF WORK AS PER THE TENDER SPECIFICATION INCLUDING APPLICABLE AMENDMENTS AND CLARIFICATIONS. VARIOUS ITEMS OF WORK ARE AS FOLLOWING.					
C)	PRESSURE PARTS				
	PRESSURE PARTS OF BOILER COMPRISING OF BOILER DRUM, CIRCULATION SYSTEM, EVAPORATORS, SEAL POTS, FBHE EVAPORATORS, ECONOMISER SYSTEM, SUPERHEATER SYSTEM, REHEATERS, ASSOCIATED HEADERS, BOILER TRIM PIPING, SOOT BLOWER PIPING, VALVES AND H&S, FUEL OIL PIPING AND VALVES ETC. {TENTATIVELY UNDER PG Nos. 04, 05, 06, 07, 10, 11, 12, 15, 16, 17, 19, 21, 24 (PART), 42(PART)}	2,226	MT		
D)	ROTATING PARTS				
	FD FAN SYSTEM, ID FAN SYSTEM, PA FAN SYSTEM ETC. WITH THEIR AUXILIARIES, SILENCERS, LUBE OIL SYSTEM, DRIVE MOTORS, BOILER FEED PUMPS, COOLING WATER PUMPS ETC. WITH RELATED SYSTEM/COMPONENTS, DRIVE MOTORS ETC. {TENTATIVELY UNDER PG/PGMA Nos. 56, 81-104, 81-110}	260	MT		
E)	PIPING				
	SG PIPING, POWER CYCLE & CRITICAL PIPING, DEMINERALISED WATER SYSTEM, SERVICE WATER PIPING, COOLING WATER PIPING, INSTRUMENT & SERVICE AIR PIPING, HP BYPASS SYSTEM WITH THEIR VALVES, FITTINGS, HANGERS & SUPPORTS, TANKS & VESSELS, AUX. PRDS ETC {PG 80, 81, 22}	614	MT		

Date

Signature and Official Seal of Bidder

BHARAT HEAVY ELECTRICALS LIMITED : PSWR : Nagpur
TENDER SPECIFICATION No. BHE/PW/PUR/SLT-BL4/497 (PART-II : PRICE BID SPECIFICATION)
Schedule of Rates and Quantities (Page 3 of 3)

SN	DESCRIPTION OF WORK	QTY	UOM	UNIT RATE (Rs.)	AMOUNT (Rs.)
COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD; TRANSPORTATION TO SITE; ERECTION; TESTING; ASSISTANCE FOR COMMISSIONING & TRIAL OPERATION AND HANDING OVER OF 405 TPH CFBC BOILER AND AUXILIARIES INCLUDING ESP, ROTATING MACHINES, DUCTS & DAMPERS, FUEL PIPING, BOILER INTEGRAL PIPING, POWER CYCLE PIPING ETC. OF UNIT NO. 4 OF 2x125 MW PLANT AT SURAT LIGNITE POWER PLANT, GUJARAT INDUSTRIAL POWER COMPANY LIMITED, NANI NAROLI, TALUKA-MANGROL DISTT: SURAT, GUJARAT. DETAILED SCOPE OF WORK AS PER THE TENDER SPECIFICATION INCLUDING APPLICABLE AMENDMENTS AND CLARIFICATIONS. VARIOUS ITEMS OF WORK ARE AS FOLLOWING.					
F)	ELECTROSTATIC PRECIPITATOR, IT'S PLATFORMS, STAIRWAYS & HAND RAILS; INSULATION BETWEEN INNER AND OUTER ROOF ETC. (PG 78 and 89)	2,150	MT		
G)	ACCEPTED RADIOGRAPHY LENGTH	120,000	CM		
GRAND TOTAL IN FIGURES (Rs.)					
GRAND TOTAL IN WORDS: Rupees					

Date

Signature and Official Seal of Bidder