



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

(A Govt. of India Undertaking)
Power Sector, Western Region,
345, Kingsway, Nagpur - 440 001
PHONE:-3048600-604 FAX:-0712- 3048605/3048698/3048699

FAX (PCC by Courier/Speedpost)

Ref: BHE/PW/PUR/SLT-BL4/497-Amend-01 -T.S.

Dated- 02/05/2007

To,
ALL BIDDERS

Dear Sir,

SUB: Amendment -01 of Tender Specification No. BHE/PW/PUR/ SLT-BL4/497

JOB: COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD; TRANSPORTATION TO SITE; ERECTION, TESTING, ASSISTANCE FOR COMMISSIONING & TRIAL OPERATION; 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 125 MW CAPACITY **UNIT NO. 4** AT **GUJARAT INDUSTRIAL POWER COMPANY LIMITED**, SURAT LIGNITE POWER PLANT (SLPP), NANI NAROLI, TALUKA -MANGROL, DISTT- SURAT, GUJARAT

Please refer the subject Tender Specification for the job stated above. We would like to amend certain portions of the Tender Specifications as per details here. The relevant clauses as in the Tender Specification issued earlier are hereby being superseded /corrected by the clauses hereinafter.

1. Clause No 4.2.2.20 (Section-4, Special Conditions of Contract)

BHEL's erection agency of unit # 3 will carry out the work in respect of common facilities of Instrument Air, Service Air, Service Water, De-mineralized Water System, Auxiliary Steam Header Interconnection between two units, Aux. Steam to Fuel Oil (FO) System terminal point, Fuel Oil Supply and Return Piping, Cooling Water Pump System and Electrical Heat Tracing that are common for the two units (i.e. Unit # 3 & 4). **Work related to all such common systems will not form part of the present contract.**

However, the agency under the present contract shall carry out and complete the work of various systems that are connected to the aforesaid common systems. Scope shall include pipeline of various systems, welding / connection of Terminal Point equipments / auxiliaries including welding of terminal point flanges/pipes etc. as per the priority and decision of BHEL engineer at site (also refer clause 4.2.2.4).

2. Appendix-I (ESTIMATED WEIGHT OF VARIOUS SYSTEMS/EQUIPMENTS IN SCOPE)

- 2.1** Please refer details under item "D" (Rotating Machines). Work under PGMA 81-110, **Cooling Water Pumps (Common for Two Units)**; Weight 1.300 MT is being **excluded** from the scope. Accordingly, "**Total of D**" stands amended as **258.75 MT**.
- 2.2** Please refer details under item "F" (Piping, Tanks and Vessels) following listed items are hereby being excluded from the scope of contract.
 - a) SN 17, PGMA 80-341 **Aux Steam Header Interconnection between units** (common for two units) 5.000 MT.

Contd. to page 2 of 2

Bharat Heavy Electricals Limited
PSWR: Nagpur

Continuation Sheet (Page 2 of 2)

Ref: BHE/PW/PUR/SLT-BL4/497-Amend-01 -T.S.

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Sub: Amendment –01 of Tender Specification No. BHE/PW/PUR/SLT-BL4/497

- b) SN 18, PGMA 80-344 **Aux Steam to FO System TP** (common for two units) 8.000 MT.
- c) SN 47 PGMA 80-650 **Fuel Oil Supply and Return Piping** (common for two units) 35.000 MT.

Accordingly **Sub-total of PG-80** shall stand revised as **557.78 MT** instead of 605.780 MT and **Total of PG-80 & 81** shall stand revised as **565.800 MT**.

3. Price Bid Specification

As a consequence of amendment in the weights as aforesaid, entire Price Bid Specification is hereby being revised and superseded by **Price Bid Specification (Revision-01 dated 02/05/2007)** enclosed herewith. The Price Bid Specification documents issued/hosted earlier as part of Tender Specification has thus become null-and-void.

All other conditions of the Tender Specification shall remain unchanged unless and otherwise expressly amended by BHEL on record.

In view of the present amendment, we request you to please comply with the following.

- I) Please submit a copy of this amendment along with all enclosures duly countersigned on all pages by your authorized signatory and stamped with official seal as a token of your unqualified acceptance of this amendment. This shall be submitted as a part of your Technical Bid (Part-I). In case you have already dispatched your bid document, you are requested to submit aforesaid unqualified acceptance in a separate sealed envelope with superscription "**Acceptance of Amendment-01 dated 02/05/2007**".
- II) Please submit your price bid duly filled in the revised Price Bid Specification and submit the same in a separate sealed envelope with superscription "**Revised Price Bid as per Amendment-01 dated 02/05/2007**".

We hereby reschedule the tendering process as follows.

- **Last Date for tender submission: 09-May-2007 by 6:00 pm.**
- **Date & Time of Opening Technical Bid: 10-May-2007 at 11:00 am.**

Please ensure that your bid document containing unqualified acceptance of this amendment, Revised Price Bid and other relevant documents must reach us by on or before the Last Date and time mentioned above.

Thanking you,
your's faithfully,

DGM (Purchase)

Enclosure: Price Bid Specification (Revision-01 dated 02/05/2007)

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 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 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)

(REVISION -01 dated 02/05/2007)



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 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 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.....

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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 Electric als 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)
(REVISION -01 dated 02/05/2007)
Schedule of Rates and Quantities (Page1 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 SPISES 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 AIROPREHEATER, 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)
(REVISION -01 dated 02/05/2007)
Schedule of Rates and Quantities (Page2 of 3)

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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}	259	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 { TENTATIVELY UNDER PG 80, 81, 22}	566	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)
(REVISION -01 dated 02/05/2007)
Schedule of Rates and Quantities (Page3 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