

PURCHASE ENQUIRY

To M/s	Our E-mail : vivekf@bhelpswr.co.in	
	ENQUIRY No :	XI005 E
	ENQ.DATE	28.05.2011
	DUE DATE	13.06.2011

Dear sir,

Kindly submit your sealed quotation by Speed Post / Registered Post / Courier / Air Mail in **two bids viz. (1) Technical cum Commercial Bid & (2) Price Bid** for the material indicated below confirming acceptance to the terms and conditions enclosed ,so as to reach our office on or before 2.00 PM on the due date. Quotation may be sent by Fax only if asked so by BHEL / with prior permission of BHEL.

S. No	Description of Material	PURPOSE	Unit	Qty	Delivery Schedule	Material Required at (Destination)
01	SUPPLY OF CS PIPES AND FITTINGS FOR 250/260 MW SETS (REF: ANNEX-I)	FOR STEAM BLOWING	SET	01	WITHIN 01 MONTH FROM PO. DATE	(01 SET FOR STEAM BLOWING+01 SET FOR EDTA CLEANING AT BINA POWER & 01 SET FOR EDTA CLEANING AT NEW PARLI SITE)
		FOR CHEMICAL CLEANING	SET	02		
02	SUPPLY OF CS PIPES AND FITTINGS FOR 500/600 MW SETS (REF: ANNEX-II)	FOR STEAM BLOWING	SET	03	WITHIN 01 MONTH FROM PO. DATE	(01 SET FOR STEAM BLOWING+01 SET FOR EDTA CLEANING) EACH AT NTPC MAUDA, NTPC VINDHYACHAL & JPL RAIGARH SITE
		FOR CHEMICAL CLEANING	SET	03		

A) GENERAL TERMS AND CONDITIONS OF CONTRACT

Cl. No.	DESCRIPTION
01	Each tender should be send in a double cover, inner cover should be sealed with tenderer's distinctive seal and superscribed with correct Enquiry No. and Due Date. The outer cover should only bear the address of this office. Tender should be free from CORRECTION AND ERASURES. Corrections, if any must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount in figures and words, amount quoted in words shall prevail.
02	Technical cum Commercial bid will be opened at 4.00 PM on Due Date. The Technical cum Commercial bid should accompany copy of documents like authorized dealership certificate, earlier supply order details of similar equipment and their performance feedback from customers, company profile and present status, product catalogue of the models offered, technical specifications of the product, commercial Terms & Conditions and other relevant documents etc.

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03	Price bid of technically accepted bidders only will be opened. No revision of prices will be entertained after Tenders are opened, unless mentioned in our enquiry / asked so by BHEL.
04	Manufacturer's name, Trade Mark or Patent No. if any, shall be specified in the Technical cum Commercial Bid
05	Please mention the relevant national / international standard code of the product quoted for in the Technical cum Commercial bid.
06	The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.
07	Late tenders (received after Due Date) will be rejected.
08	Price quoted shall be valid for 60 days from the date of opening and further till the completion of supplies.
09	Price shall be quoted as per enclosed 'Price Format' only. Quotations not accompanying filled in 'Price Format' are likely to be rejected. Please fill in all the columns of all formats
10	The price quoted should be as applicable to DGS & D (Govt. of India) and other Govt. Organizations. In case DGS & D rate / Running Contract is not existing, but a contract is in vogue with any BHEL Unit, reference of the same shall be furnished and same may be applicable to this contract.
11	SECURITY DEPOSIT: The supplier shall have to furnish Security Deposit (Cash/DD/Bank Guarantee from a Scheduled Bank) if so specified in the tender under Special Terms & Conditions.
12	PACKING AND MARKING: The supplier shall arrange for secure protective packing of the goods suitable for tropical conditions to avoid loss, damage, atmospheric action during handling and transit. The packing standards will comply with relevant national standard/carrier's conditions of packing or established practice. If any damage is sustained and the carrier or underwriter attributes it to improper packing, the seller shall be liable to replace the material or reimburse the value of the loss notwithstanding any transit insurance arranged by him or not. The following marking shall be made on each package in black bold letters. NAME & ADDRESS OF CONSIGNEE, DIMENSION OF PACKAGE, WEIGHT DETAILS: GROSS, TARE & NETT These markings should be stenciled or written in bold letters on the package. Should the package be small, suitable cards/metal tags giving these details may be tagged or nailed
13	INSPECTION: Final inspection will be carried out the destination/site/Purchaser's works by the authorized inspecting Officer, if so specified in the tender under Special Terms & Conditions. Whenever preliminary or stage inspection is to be carried out at supplier's works the same is subject to final acceptance after receipt of the material at the destination/Purchasers works and the decision of the purchaser shall be final. The propriety of goods shall not pass until final acceptance by the purchaser
14	REJECTION: The seller shall intimate the purchaser in writing within 15 days (after being intimated about rejection of goods) regarding disposal action of the rejected material. If no advice is received within this time the purchaser shall be at liberty to return the material at the cost and risk of the seller after receiving the cost if any paid by the Purchaser including inward freight and other incidental charges. The Purchaser will not be responsible for the rejected material thereafter and no claim will rest on him.
15	Delivery: Purchaser shall not be liable to receive and pay for any supply made after delivery date stipulated in the order unless the delivery date is formally extended by the purchaser. Wherever the terms of delivery of the order is other than F.O.R. destination, delivery date will be reckoned as the date of dispatch or the date of readiness after inspection of the material where the Purchaser has agreed for inspection or collection.
16	Test certificate: The seller shall carry out such tests as prescribed by the purchaser / as required in accordance to the relevant national or international standards, in his works and/or and other places as stipulated in the order. Necessary test certificate shall be submitted with delivery of materials. The seller shall also provide at no extra cost the required number of catalogues, drawing and other manuals related to materials under this order.
17	GUARANTEE WARRANTY: The materials shall be warranted for design material and workmanship and also for performance warranty as specially stipulated by the purchaser in the order in its annexure.
18	INSURANCE: Wherever specifically agreed to and directed, the supplier will insure the goods for all transit risks upto delivery of the goods at the final destination. In all other cases supplier must furnish particulars of dispatch for each consignment immediately after the dispatch of goods. Failure to do this will make the supplier responsible for making good any loss, which otherwise might have been recovered from underwriters.

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19	TERMS OF PAYMENT: Payment will normally be made within a month of receipt of material in good condition at destination. Any other payment terms have to be mutually agreed. The seller shall send dispatch documents, invoice etc. in such quantum and a manner as provided in the order. (I) It is expressly understood that in the event of rejection of the materials for which payment has been made against document's through bank the Purchaser reserves the right to claim from the seller the amount paid and the incidental charged incurred in the same manner i.e. negotiating return dispatch documents, through Bank and the Seller shall honour such claim and retire the documents from the Bank. (ii) Bank charges for any payment claimed through Bank shall be borne by the seller and the seller shall also agree to bear any demurrage or other charges arising out of any delay in retirements or documents from Bank due to delayed, insufficient incorrect information furnished. (iii) The seller shall also ensure that the Carriers do not delay dispatch of the consignment once the carrier's receipt is obtained.
20	DELIVERY FAILURE, TERMINATION & LIQUIDATED DAMAGE: The parties hereto agree that the timely dispatch/delivery and completion of the other schedules as stipulated in order/contract shall be the essence of the Order/Contract. If the seller/contractor fails to complete the dispatch/ delivery and other schedules within the time period stipulated in the order/contract, or within any extension of time granted by the purchaser, it shall be lawful for the purchaser to recover damages for the breach of order/contract without prejudice to any other rights and/or remedies provided for, in order/contract and hereunder. The purchaser reserves the right to recover from the Seller/Contractor, as agreed liquidated damages and not by way of penalty, a sum equivalent to half percent {½% of the total contract price per week part thereof, subject to a maximum of ten percent @ 10%} of the total contract price excluding elements of taxes, duties and freight, if seller/contractor has failed to deliver any part of the goods within the period stipulated in the Order/Contract. The purchaser reserves the right to purchase from elsewhere on account of and at the risk and cost of the seller /contractor without notice to the seller /contractor of goods not so delivered or their equivalent , without canceling the order/contract in respect of the goods not yet due for delivery. The purchaser reserves the right to cancel the order/contract or a portion thereof for the goods not so delivered at the risk and cost of the seller/contractor and the seller/contractor shall be liable to the purchaser for any excess costs thereof.
21	RISK PURCHASE : In the event the supplier has failed to deliver or dispatch whole of the goods or any part within the time stipulated or if the same were not available in his stock, the best and the nearest available substitute thereof may be purchased/arranged by purchaser from elsewhere at the risk and the cost of the seller. The purchaser at his option will be entitled to terminate the contract and seller shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in clause 12 above.
22	PREFERENTIAL DELIVERY : It should be noted that if an Order is placed on a higher tenderer as a result of this invitation to tender, in preference to the lowest acceptable offer in consideration of the earlier delivery, the seller will be liable to pay the purchaser the difference between the contract rate and that of the lowest acceptable tender on the basis of final price F.O.R. destination including all elements of freight, sales tax, duties and other incidentals in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and contract.
23	This order or any part thereof shall not be sub-contracted without the purchaser's consent.
24	METRIC SYSTEM: Supplier is requested to indicate metric system measurements in all documents.
25	INDEMNITY: The Seller shall indemnify the Purchaser against any claim due to any breach of patent, negligence, defective material or injury to seller or his agent.
26	In the event of any reduction in the price, due to change of Govt. duties after award to the work and before delivery commencement, purchaser is entitled to such reduction and may negotiate fresh price at its discretion.
27	GENERAL: The purchaser reserves the right to split up the tender and place orders for individual item on different suppliers and also increase or decrease the quantity.
28	DISPUTES & ARBITRATION: All cases of disputes will be resolved according to the Indian Arbitration Act 1940
29	FORCE MAJEUR: Acts of God, Acts of Government, War, Sabotage, Riots, Civil commotion, Police action, Revolution, Natural Calamities, Epidemic and other similar causes over which the supplier has no control, will amount to Force Majeur. Delay attributable to Force Majeur will be condoned; however the onus of establishing the reason of delay lies with the Supplier.
30	In case of any contradictions between General and special terms and conditions, the provisions in Special Terms & Conditions will prevail.

B) SPECIAL TERMS AND CONDITIONS OF CONTRACT

CI No.	Description
01	Tender should be submitted in two parts (1) technical bid comprising product catalogue, copy of relevant Indian Standards and Commercial Terms and conditions as enclosed. And (2) Price bid in prescribed price format in a separate sealed envelope. (Split up of Basic rate, Excise Duty, Sales tax / VAT must be furnished in the price bid) Tenders received as single bid indicating the price will be rejected.
02	Payment Terms: 100% within 30 days of receipt and acceptance of material at destination.
03	Following list of documents shall be submitted as dispatch document. a) Original Invoice b) Mfg. Test certificates c) Warranty certificate
04	Reducers, bends, tees shall be of butt weld type. All Pipes and fittings are seamless constructions.
05	The pipes shall be supplied in std. lengths and the total quantity variation should be +/-5 % only.
06	Bidder to submit "Un Priced Price format" duly filled and signed along with the technical bid. The price should be quoted as specified in the price format with split up details.
07	Bidder must confirm whether Excise Invoice shall be given or not. In case bidder confirms that excise invoice shall be given, then the evaluation of bid shall be on the basis landed cost to BHEL excluding Excise Duty.
08	Total 02 Nos. of sets are required for each site. One for Steam Blowing & other for EDTA blowing. Evaluation will be done set wise.
09	Sets are defined as A, B, C & D in Price Bid format. The bidder has to mention the basic price only in Price format given in page no.12-16. All other taxes, duties & freight are to be mentioned in the format given on page no.17-18.
10	Evaluation: Offers will be evaluated set wise for each site and also by considering the input credit of Excise Duty offered by the vendor. (I.e. total landed cost including taxes, duties and freight <u>minus</u> Excise Duty paid for the same). Purchase order will be placed set wise for each site.
11	In case bidder fails to supply the material as per delivery schedule of this tender, LD shall be levied as per clause no.20 of GCC of this tender specification.
12	Pre dispatch inspection shall be carried out by BHEL engineer at supplier's works. Supplier has to make all test arrangements within the quoted rate.
13	Bidder shall Submit EMD of Rs 2 Lakh along with the tender documents.
14	BHEL reserves the right to reject or accept the tender without assigning any reasons whatsoever.
15	Qualifying Criteria: Bidder must have executed the order for pipes & fittings of value not less than 10 lakhs in past 5 years. Bidder has to submit the purchase order copy for the same.
16	This is to inform you that BHEL is switching on to payment through Electronic Fund Transfer (EFT)/ RTGS. In order to implement the new system, the following details are to be furnished by you pertaining to your Bank Accounts where proceeds will be transferred through our Banker: 1. Name of the Company 2. Name of Bank 3. Name of Bank Branch & Branch Code 4. City 5. Account Number 6. Account type 7. IFSC code of the Bank Branch 8. MICR Code of the Bank Branch

Thanking you,

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LTD.

Sr. Engineer (PURCHASE)

BHARAT HEAVY ELECTRICALS LIMITED**PSWR: HQ: NAGPUR****TECHNO-COMMERCIAL TERMS & CONDITIONS: (PART OF TECHNICAL CUM COMMERCIAL BID)****ENQUIRY NO. XI005 E****DT.28.05.11****DUE DATE:13.06.2011**

SN	DESCRIPTION OF T & C	TERMS & CONDITIONS AS QUOTED IN THIS TENDER
01	DELIVERY TERMS	F.O.R. DESTINATION ONLY
02	PLACE OF DELIVERY	(01 SET FOR STEAM BLOWING+01 SET FOR EDTA CLEANING) FOR 250/260 MW BHEL SITE OFFICE, 2x250 MW POWER STATION, BPSL, VILLAGE:JODH & SIRCHOP, TAHSIL: BINA DISTT: SAGAR-470 113, (M.P.) (01 SET FOR EDTA CLEANING) FOR 250/260 MW BHEL SITE OFFICE, NEW PARLI TPS, P.O. BOX No.20 PARLI VAIJNATH, DISTT: BEED-431 515 (MAHARASHTRA) (01 SET FOR STEAM BLOWING+01 SET FOR EDTA CLEANING) FOR 500/600 MW BHEL SITE OFFICE, 2x250 MW STPS, P.O. MAUDA, DISTT: NAGPUR-441 104 (MAHARASHTRA) (01 SET FOR STEAM BLOWING+01 SET FOR EDTA CLEANING) FOR 500/600 MW BHEL SITE OFFICE, VINDHYACHAL STPP, STAGE IV, P.O. VINDHYANAGAR DISTT: SIDHI-486 885, (M.P.) (01 SET FOR STEAM BLOWING+01 SET FOR EDTA CLEANING) FOR 500/600 MW BHEL SITE OFFICE, JINDAL POWER LIMITED, OP JINDAL STPP, 4x250 MW, TANMAR, TAHSIL: GHARGHODA DISTT: RAIGARH-496 107, (CHATTISGARH)
03	DELIVERY PERIOD FROM THE DATE OF ORDER	Within 01 MONTH from the P.O. date.
04	CURRENCY OF PAYMENT	INR
05	PACKING & FORWARDING CHARGES	Included @_____ % (or) Extra@_____ % (or) NA
06	EXCISE DUTY (% RATE)	Included @_____ % (or) Extra@_____ % (or) NA
07	CST/ VAT WITHOUT CONCESSIONAL FORMS "C" / "D" (% RATE)	1) FOR MADHYA PRADESH -Included @_____ % (or) Extra@_____ % (or) Not Applicable 2) FOR MAHARASHTRA -Included @_____ % (or) Extra@_____ % (or) Not Applicable 3) FOR CHATTISGARH -Included @_____ % (or) Extra@_____ % (or) Not Applicable NO "C" OR "D" FORM WILL BE ISSUED BY BHEL

SIGNATURE & SEAL OF TENDERER

Dully filled and signed this sheet should be sent as a part of technical bid .Other wise the offer will not be considered for further processing

**BHARAT HEAVY ELECTRICALS LIMITED
PSWR: HQ: NAGPUR**

TECHNO-COMMERCIAL TERMS & CONDITIONS: (PART OF TECHNICAL CUM COMMERCIAL BID)

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08	OCTROI / ENTRY TAX AT DESTINATION	Extra, if applicable shall be paid by BHEL on submission of original receipt.
09	FREIGHT CHARGES UP TO DESTINATION	Included @_____ % (or) Extra@_____ % (or) NA
10	TRANSIT INSURANCE CHARGES	BY BHEL. SUPPLIER HAS TO INTIMATE THE DISPATCH DETAILS TO BHEL'S UNDERWRITERS AS SOON AS THE MATERIAL DISPATCHED.
11	ANY OTHER CHARGES (please specify here the nature of charge)	(AMOUNT TO BE SPECIFIED IN THE PRICE FORMAT)
12	PAYMENT TERMS (Specify scope of Banker's Charges at both ends / Demand Draft Charges)	AS PER SCC
13	MODE OF DISPATCH	BY ROAD / RAIL / SHIP / AIR / CARGO COURIER / SPECIAL MESSENGER / HAND DELIVERY
14	NAME OF THE GOODS MANUFACTURER / PRINCIPALS	
15	TRADE NAME / MODEL NUMBER OF GOODS	
16	AUTHORIZED DEALERSHIP CERTIFICATE	CERTIFICATE OF MANUFACTURER/PRINCIPALS: ENCLOSED / NOT ENCLOSED
17	WARRANTY / GUARANTEE CONDITIONS	
18	PRODUCT CATALOGUE / WRITE UP	ENCLOSED / NOT ENCLOSED
19	CONTACT PERSON'S NAME, E-MAIL ID, PHONE NO	

SIGNATURE & SEAL OF TENDERER

Dully filled and signed this sheet should be sent as a part of technical bid .Other wise the offer will not be considered for further processing

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

ENQUIRY NO. **XI005 E**

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ANNEXURE-I**PIPING MATERIAL FOR STEAM BLOWING- 250 MW**

SL.NO.	DESCRIPTON OF MATERIAL	UNIT	QTY	BIDDER'S CONFIRMATION
1	CS SMLS PIPE, SA106 GR.B, 12" NB X SCH STD	MTR	20	
2	CS ERW PIPE, SA 53 GR.B 28"NB X 25 MM THK	MTR	20	
3	CS SMLS PIPE, SA 106 GR.B 18" NB X SCH 40 (14.2)	MTR	100	
4	CS SMLS PIPE, SA 106 GR.B 18" NB X SCH STD (9.53)	MTR	100	
5	CS SMLS PIPE, SA 106 GR.B 10" NB X SCH 40	MTR	30	
6	CS SMLS PIPE, SA 106 GR.B 4" NB X SCH 40	MTR	30	
7	CS SMLS PIPE, SA 106 GR.B 2" NB X SCH 40	MTR	30	
8	CS ELBOW 90 DEG, SA234 GR.WPB 12" NB X SCH STD	NOS	6	
9	CS ELBOW 45 DEG SA234 GR.WPB 12" NB X SCH STD	NOS	4	
10	CS ELBOW 45 DEG SA234 GR WPB 18" NB X SCH 40	NOS	6	
11	CS ELBOW, 90 DEG SA234 GR. WPBW 28" NB X 25 MM THK	NOS	2	
12	CS ELBOW, 45 DEG, SA 234 GR. WPB 10" NB X SCH 40	NOS	4	
13	CS ELBOW, 90 DEG, SA 234 GR. WPB 10" NB X SCH 40	NOS	2	
14	CS ELBOW, 15 DEG, SA 234, GR. WPB 18" NB X SCH 40	NOS	4	
15	CS EQUAL TEE, SA 234 GR. WPB-W 28" NB X 25 MM THK	NOS	1	
16	CS CONT.REDUCER SA 234 GR. WPB 18" X 10" X SCH 40	NOS	2	
17	CS CONT.REDUCER SA 234 GR. WPBW 28" X 18" X SCH 40	NOS	2	
18	CS CONT.REDUCER SA 234 GR. WPB 18" X 16" X SCH 40	NOS	2	

NOTE:

1. ABOVE MENTIONED ITEMS COMPRISES 01 SET FOR STEAM BLOWING.
2. BIDDERS SHOULD SUBMIT THIS SHEET AS PART OF TECHNICAL BID CONFIRMING THE TECHNICAL ACCEPTANCE.

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

ENQUIRY NO. **XI005 E**

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ANNEXURE-I**PIPING MATERIAL FOR EDTA CLEANING- 250 MW**

SL.NO.	DESCRIPTION OF MATERIAL	UNIT	QTY	BIDDER,S CONFIRMATION
1	CS SMLS PIPE, DIA 323.9 MM SCH-40,	MTR	15	
2	CS SMLS PIPE,DIA 219.6 MM SCH-40, SA106 GR-B	MTR	450	
3	CS SMLS PIPE,DIA 114.3MM SCH-40 SA106 GR-B	MTR	350	
4	CS SMLS PIPE,DIA 168.3 SCH-40 SA106 GR-B	MTR	197	
5	CS SMLS PIPE, DIA 48.3MM SCH-40 SA106 GR-B	MTR	150	
6	CS SMLS PIPE, DIA 21.3MM, SCH-40 SA106 GR-B	MTR	50	
7	CS BEND 90 DEG, DIA 219.1 MM SCH 40 SA234, WPB	NOS	20	
8	CS BEND 90 DEG, DIA 273 MM SCH 40 SA234, WPB	NOS	4	
9	CS BEND 90 DEG, DIA 168.3MM SCH 40 SA234 WPB	NOS	8	
10	CS 90 DEG BEND, DIA 114.3 MM SCH 40 SA234 WPB	NOS	12	
11	CS 90 DEG BEND, DIA 73 MM, SCH 40 SA234,WPB	NOS	8	
12	CS SMLS CONC REDUCER NB200/150 MM, SA 234, WPB BW SCH 40	NOS	4	
13	CS CONC REDUCER NB250/200MM SCH 40 SA234, WPB	NOS	4	
14	CS CONC REDUCER NB150/100MM SCH40, SA234, WPB	NOS	8	

NOTE:

- 1. ABOVE MENTIONED ITEMS COMPRISES 01 SET FOR EDTA CLEANING.**
- 2. BIDDERS SHOULD SUBMIT THIS SHEET AS PART OF TECHNICAL BID CONFIRMING THE TECHNICAL ACCEPTANCE.**

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

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ANNEXURE-II**PIPING MATERIAL FOR STEAM BLOWING- 500 MW**

SL.NO.	DESCRIPTION OF MATERIAL	UNIT	QTY	BIDDER'S CONFIRMATION
1	CS SMLS PIPE, DIA 323.9 MM SCH40	MTR	20	
2	CS SMLS PIPE DIA 114.3MM SCH40 A106 GR-B	MTR	40	
3	CS SMLS PIPE SA106 GR-B 355.6X11.13 MM	MTR	100	
4	CS SMLS PIPE SA106 GR-B, 406.4X9.53 MM	MTR	20	
5	CS SMLS PIPE SA106 GR-B, 660X20MM	MTR	6	
6	CS SMLS A234 WPB BW SCH40 CONC REDUCER NB600/350MM	NOS	2	
7	CS SMLS A234 WPB BW UNEQUAL TEE SCH40 NB650/600MM	NOS	1	
8	CS SMLS PIPE SA106 GR-B, 610X9.53MM	MTR	150	
9	CS SMLS A234 WPB BW LR 45 DEG SCH 80 NB 350MM BEND	NOS	4	
10	CS SMLS SA234 WPB BW SCH40 90 DEG NB 350 ELBOW	NOS	6	
11	CS SMLS SA234 WPB BW SCH40 90 DEG NB 600 ELBOW	NOS	20	
12	CS SMLS SA234 WPB BW SCH40 90 DEG NB 400 ELBOW	NOS	4	
13	CS SMLS A234 WPB BW SCH40 CON.REDUCER NB600/350 MM	NOS	2	
14	CS A234B BW SCH40 CONC.REDUCER NB650/600MM	NOS	4	
15	CS A234B BW SCH40 CONC.REDUCER NB850/650 MM	NOS	1	
16	CS A234B BW SCH40 CONC.REDUCER NB500/300MM	NOS	2	
17	CS A234B BW SCH40 CONC.REDUCER NB350/300MM	NOS	2	
18	CS SMLS A234 WPB BW LR 45 DEG SCH 80 NB 350 MM BEND	NOS	4	
19	CS SMLS A234 WPB BW LR 45 DEG SCH80 BEND 600 MM	NOS	8	
20	CS A234B 45 DEG BEND SCH40 NB300MM	NOS	4	
21	CS SMLS PIPE DIA 60.3MM SCH40 A106 GR-B	MTRS	40	

NOTE:

1. ABOVE MENTIONED ITEMS COMPRISES 01 SET FOR STEAM BLOWING.
2. BIDDERS SHOULD SUBMIT THIS SHEET AS PART OF TECHNICAL BID CONFIRMING THE TECHNICAL ACCEPTANCE.

**BHARAT HEAVY ELECTRICALS LIMITED
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ANNEXURE-II

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PIPING MATERIAL FOR EDTA CLEANING- 500 MW

SL.NO.	DESCRIPTON OF MATERIAL	UNIT	QTY	BIDDER'S CONFIRMATION
1	CS SMLS PIPE, NB400-SA106 GR-B OR EQV. SCH-40	MTR	100	
2	CS SMLS PIPE, NB350-SA106 GR-B OR EQV. SCH-40	MTR	100	
3	CS SMLS PIPE, NB300-SA106 GR-B OR EQV. SCH-40	MTR	175	
4	CS SMLS PIPE, NB250-SA106 GR-B OR EQV. SCH-40	MTR	600	
5	CS SMLS PIPE, NB200-SA106 GR-B OR EQV. SCH-40	MTR	150	
6	CS SMLS PIPE, NB150-SA106 GR-B OR EQV. SCH-40	MTR	400	
7	CS SMLS PIPE, NB100-SA106 GR-B OR EQV. SCH-40	MTR	150	
8	CS SMLS PIPE, NB80-SA106 GR-B OR EQV. SCH-40	MTR	150	
9	CS SMLS PIPE, NB40-SA106 GR-B OR EQV. SCH-40	MTR	400	
10	CS BEND 90 DEG BW, NB400 SA234, WPB, SCH-40	NOS	4	
11	CS BEND 90 DEG BW, NB350 SA234, WPB, SCH-40	NOS	4	
12	CS BEND 90 DEG BW, NB300 SA234, WPB, SCH-40	NOS	4	
13	CS BEND 90 DEG BW, NB250 SA234, WPB, SCH-40	NOS	50	
14	CS BEND 90 DEG BW, NB200 SA234, WPB, SCH-40	NOS	26	
15	CS BEND 90 DEG BW, NB150 SA234, WPB, SCH-40	NOS	60	
16	CS BEND 90 DEG BW, NB100 SA234, WPB, SCH-40	NOS	30	
17	CS BEND 90 DEG BW, NB80 SA234, WPB, SCH-40	NOS	20	
18	CS BEND 90 DEG BW, NB40 SA234, WPB, SCH-40	NOS	40	
19	CS BEND 45 DEG BW, NB250 SA234, WPB SCH-40	NOS	4	
20	CS BEND 45 DEG BW, NB200 SA234, WPB SCH-40	NOS	2	
21	CS BEND 45 DEG BW, NB150 SA234, WPB SCH-40	NOS	2	
22	CS EQUALTEE, BW NB 250 SA234, WPB SCH-40	NOS	12	
23	CS EQUALTEE, BW NB 200 SA234, WPB SCH-40	NOS	4	
24	CS EQUALTEE, BW NB 150 SA234, WPB SCH-40	NOS	6	

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

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25	CS EQUALTEE, BW NB 100 SA234, WPB SCH-40	NOS	6	
26	CS EQUALTEE, BW NB 80 SA234, WPB SCH-40	NOS	4	
27	CS EQUALTEE, BW NB 40 SA234, WPB SCH-40	NOS	2	
28	CS UN EQUAL TEE, BW NB 300x300x250 SA234, WPB SCH-40	NOS	8	
29	CS UN EQUAL TEE, BW NB 250x250x200 SA234, WPB SCH-40	NOS	2	
30	CS UN EQUAL TEE, BW NB 150x150x100 SA234, WPB SCH-40	NOS	8	
31	CS UN EQUAL TEE, BW NB 150x150x80 SA234, WPB SCH-40	NOS	2	
32	CS SMLS CONC REDUCER NB400/350 MM, SA 234, WPB BW SCH 40	NOS	2	
33	CS SMLS CONC REDUCER NB350/300 MM, SA 234, WPB BW SCH 40	NOS	2	
34	CS SMLS CONC REDUCER NB300/150 MM, SA 234, WPB BW SCH 40	NOS	2	
35	CS SMLS CONC REDUCER NB250/200 MM, SA 234, WPB BW SCH 40	NOS	4	
36	CS SMLS CONC REDUCER NB250/150 MM, SA 234, WPB BW SCH 40	NOS	4	
37	CS SMLS CONC REDUCER NB200/150 MM, SA 234, WPB BW SCH 40	NOS	4	
38	CS SMLS CONC REDUCER NB150/100 MM, SA 234, WPB BW SCH 40	NOS	4	
39	CS SMLS CONC REDUCER NB150/80 MM, SA 234, WPB BW SCH 40	NOS	2	

NOTE:

1. ABOVE MENTIONED ITEMS COMPRISES 01 SET FOR EDTA CLEANING.
2. BIDDERS SHOULD SUBMIT THIS SHEET AS PART OF TECHNICAL BID CONFIRMING THE TECHNICAL ACCEPTANCE.

PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

NAME OF THE TENDERER: _____

SELLER'S REF. No. _____ DATE : _____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

A) PIPING MATERIAL FOR STEAM BLOWING- 250 MW

SL. NO.	DESCRIPTION	UNIT	QTY	RATE	VALUE
1	CS SMLS PIPE, SA106 GR.B, 12" NB X SCH STD	MTR	20		
2	CS ERW PIPE, SA 53 GR.B 28"NB X 25 MM THK	MTR	20		
3	CS SMLS PIPE, SA 106 GR.B 18" NB X SCH 40 (14.2)	MTR	100		
4	CS SMLS PIPE, SA 106 GR.B 18" NB X SCH STD (9.53)	MTR	100		
5	CS SMLS PIPE, SA 106 GR.B 10" NB X SCH 40	MTR	30		
6	CS SMLS PIPE, SA 106 GR.B 4" NB X SCH 40	MTR	30		
7	CS SMLS PIPE, SA 106 GR.B 2" NB X SCH 40	MTR	30		
8	CS ELBOW 90 DEG, SA234 GR.WPB 12" NB X SCH STD	NOS	6		
9	CS ELBOW 45 DEG SA234 GR.WPB 12" NB X SCH STD	NOS	4		
10	CS ELBOW 45 DEG SA234 GR WPB 18" NB X SCH 40	NOS	6		
11	CS ELBOW, 90 DEG SA234 GR. WPBW 28" NB X 25 MM THK	NOS	2		
12	CS ELBOW, 45 DEG, SA 234 GR. WPB 10" NB X SCH 40	NOS	4		
13	CS ELBOW, 90 DEG, SA 234 GR. WPB 10" NB X SCH 40	NOS	2		
14	CS ELBOW, 15 DEG, SA 234, GR. WPB 18" NB X SCH 40	NOS	4		
15	CS EQUAL TEE, SA 234 GR. WPB-W 28" NB X 25 MM THK	NOS	1		
16	CS CONT.REDUCER SA 234 GR. WPB 18" X 10" X SCH 40	NOS	2		
17	CS CONT.REDUCER SA 234 GR. WPBW 28" X 18" X SCH 40	NOS	2		
18	CS CONT.REDUCER SA 234 GR. WPB 18" X 16" X SCH 40	NOS	2		
TOTAL FOR STEAM BLOWING (A)					

B) PIPING MATERIAL FOR EDTA CLEANING- 250 MW

1	CS SMLS PIPE, DIA 323.9 MM SCH-40,	MTR	15		
2	CS SMLS PIPE,DIA 219.6 MM SCH-40, SA106 GR-B	MTR	450		
3	CS SMLS PIPE,DIA 114.3MM SCH-40 SA106 GR-B	MTR	350		

PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

NAME OF THE TENDERER: _____

SELLER'S REF. No. _____ DATE : _____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

4	CS SMLS PIPE,DIA 168.3 SCH-40 SA106 GR-B	MTR	197		
5	CS SMLS PIPE, DIA 48.3MM SCH-40 SA106 GR-B	MTR	150		
6	CS SMLS PIPE, DIA 21.3MM, SCH-40 SA106 GR-B	MTR	50		
7	CS BEND 90 DEG, DIA 219.1 MM SCH 40 SA234, WPB	NOS	20		
8	CS BEND 90 DEG, DIA 273 MM SCH 40 SA234, WPB	NOS	4		
9	CS BEND 90 DEG, DIA 168.3MM SCH 40 SA234 WPB	NOS	8		
10	CS 90 DEG BEND, DIA 114.3 MM SCH 40 SA234 WPB	NOS	12		
11	CS 90 DEG BEND, DIA 73 MM, SCH 40 SA234,WPB	NOS	8		
12	CS SMLS CONC REDUCER NB200/150 MM, SA 234, WPB BW SCH 40	NOS	4		
13	CS CONC REDUCER NB250/200MM SCH 40 SA234, WPB	NOS	4		
14	CS CONC REDUCER NB150/100MM SCH40, SA234, WPB	NOS	8		
TOTAL FOR EDTA CLEANING (B)					

PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

NAME OF THE TENDERER: _____

SELLER'S REF. No. _____ DATE : _____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

C) PIPING MATERIAL FOR STEAM BLOWING- 500 MW

SL.NO.	DESCRIPTION OF MATERIAL	UNIT	QTY	RATE	VALUE
1	CS SMLS PIPE, DIA 323.9 MM SCH40	MTR	20		
2	CS SMLS PIPE DIA 114.3MM SCH40 A106 GR-B	MTR	40		
3	CS SMLS PIPE SA106 GR-B 355.6X11.13 MM	MTR	100		
4	CS SMLS PIPE SA106 GR-B, 406.4X9.53 MM	MTR	20		
5	CS SMLS PIPE SA106 GR-B, 660X20MM	MTR	6		
6	CS SMLS A234 WPB BW SCH40 CONC REDUCER NB600/350MM	NOS	2		
7	CS SMLS A234 WPB BW UNEQUAL TEE SCH40 NB650/600MM	NOS	1		
8	CS SMLS PIPE SA106 GR-B, 610X9.53MM	MTR	150		
9	CS SMLS A234 WPB BW LR 45 DEG SCH 80 NB 350MM BEND	NOS	4		
10	CS SMLS SA234 WPB BW SCH40 90 DEG NB 350 ELBOW	NOS	6		
11	CS SMLS SA234 WPB BW SCH40 90 DEG NB 600 ELBOW	NOS	20		
12	CS SMLS SA234 WPB BW SCH40 90 DEG NB 400 ELBOW	NOS	4		
13	CS SMLS A234 WPB BW SCH40 CON.REDUCER NB600/350 MM	NOS	2		
14	CS A234B BW SCH40 CONC.REDUCER NB650/600MM	NOS	4		
15	CS A234B BW SCH40 CONC.REDUCER NB850/650 MM	NOS	1		
16	CS A234B BW SCH40 CONC.REDUCER NB500/300MM	NOS	2		
17	CS A234B BW SCH40 CONC.REDUCER NB350/300MM	NOS	2		
18	CS SMLS A234 WPB BW LR 45 DEG SCH 80 NB 350 MM BEND	NOS	4		
19	CS SMLS A234 WPB BW LR 45 DEG SCH80 BEND 600 MM	NOS	8		
20	CS A234B 45 DEG BEND SCH40 NB300MM	NOS	4		
21	CS SMLS PIPE DIA 60.3MM SCH40 A106 GR-B	MTRS	40		
TOTAL FOR STEAM BLOWING (C)					

PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

NAME OF THE TENDERER: _____

SELLER'S REF. No. _____ DATE : _____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

D) PIPING MATERIAL FOR EDTA CLEANING- 500 MW

SL.NO.	DESCRIPTION OF MATERIAL	UNIT	QTY	RATE	VALUE
1	CS SMLS PIPE, NB400-SA106 GR-B OR EQV. SCH-40	MTR	100		
2	CS SMLS PIPE, NB350-SA106 GR-B OR EQV. SCH-40	MTR	100		
3	CS SMLS PIPE, NB300-SA106 GR-B OR EQV. SCH-40	MTR	175		
4	CS SMLS PIPE, NB250-SA106 GR-B OR EQV. SCH-40	MTR	600		
5	CS SMLS PIPE, NB200-SA106 GR-B OR EQV. SCH-40	MTR	150		
6	CS SMLS PIPE, NB150-SA106 GR-B OR EQV. SCH-40	MTR	400		
7	CS SMLS PIPE, NB100-SA106 GR-B OR EQV. SCH-40	MTR	150		
8	CS SMLS PIPE, NB80-SA106 GR-B OR EQV. SCH-40	MTR	150		
9	CS SMLS PIPE, NB40-SA106 GR-B OR EQV. SCH-40	MTR	400		
10	CS BEND 90 DEG BW, NB400 SA234, WPB, SCH-40	NOS	4		
11	CS BEND 90 DEG BW, NB350 SA234, WPB, SCH-40	NOS	4		
12	CS BEND 90 DEG BW, NB300 SA234, WPB, SCH-40	NOS	4		
13	CS BEND 90 DEG BW, NB250 SA234, WPB, SCH-40	NOS	50		
14	CS BEND 90 DEG BW, NB200 SA234, WPB, SCH-40	NOS	26		
15	CS BEND 90 DEG BW, NB150 SA234, WPB, SCH-40	NOS	60		
16	CS BEND 90 DEG BW, NB100 SA234, WPB, SCH-40	NOS	30		
17	CS BEND 90 DEG BW, NB80 SA234, WPB, SCH-40	NOS	20		
18	CS BEND 90 DEG BW, NB40 SA234, WPB, SCH-40	NOS	40		
19	CS BEND 45 DEG BW, NB250 SA234, WPB SCH-40	NOS	4		
20	CS BEND 45 DEG BW, NB200 SA234, WPB SCH-40	NOS	2		
21	CS BEND 45 DEG BW, NB150 SA234, WPB SCH-40	NOS	2		
22	CS EQUALTEE, BW NB 250 SA234, WPB SCH-40	NOS	12		

PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR: WESTERN REGION: NAGPUR**

NAME OF THE TENDERER: _____

SELLER'S REF. No. _____ DATE : _____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

Cont.....

23	CS EQUALTEE, BW NB 200 SA234, WPB SCH-40	NOS	4		
24	CS EQUALTEE, BW NB 150 SA234, WPB SCH-40	NOS	6		
25	CS EQUALTEE, BW NB 100 SA234, WPB SCH-40	NOS	6		
26	CS EQUALTEE, BW NB 80 SA234, WPB SCH-40	NOS	4		
27	CS EQUALTEE, BW NB 40 SA234, WPB SCH-40	NOS	2		
28	CS UN EQUAL TEE, BW NB 300x300x250 SA234, WPB SCH-40	NOS	8		
29	CS UN EQUAL TEE, BW NB 250x250x200 SA234, WPB SCH-40	NOS	2		
30	CS UN EQUAL TEE, BW NB 150x150x100 SA234, WPB SCH-40	NOS	8		
31	CS UN EQUAL TEE, BW NB 150x150x80 SA234, WPB SCH-40	NOS	2		
32	CS SMLS CONC REDUCER NB400/350 MM, SA 234, WPB BW SCH 40	NOS	2		
33	CS SMLS CONC REDUCER NB350/300 MM, SA 234, WPB BW SCH 40	NOS	2		
34	CS SMLS CONC REDUCER NB300/150 MM, SA 234, WPB BW SCH 40	NOS	2		
35	CS SMLS CONC REDUCER NB250/200 MM, SA 234, WPB BW SCH 40	NOS	4		
36	CS SMLS CONC REDUCER NB250/150 MM, SA 234, WPB BW SCH 40	NOS	4		
37	CS SMLS CONC REDUCER NB200/150 MM, SA 234, WPB BW SCH 40	NOS	4		
38	CS SMLS CONC REDUCER NB150/100 MM, SA 234, WPB BW SCH 40	NOS	4		
39	CS SMLS CONC REDUCER NB150/80 MM, SA 234, WPB BW SCH 40	NOS	2		
TOTAL FOR EDTA CLEANING (D)					

PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR:WESTERN REGION:NAGPUR**

NAME OF THE TENDERER:_____

SELLER'S REF. No._____DATE :_____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

S.N.	DESCRIPTION	BINA POWER STEAM BLOWING	BINA POWER EDTA CLEANING	NEW PARLI EDTA CLEANING	MOUDA STEAM BLOWING
A	VALUE	VALUE OF A	VALUE OF B	VALUE OF B	VALUE OF C
B	CURRENCY	INR	INR	INR	INR
C	DISCOUNT (%AGE)				
D	DISCOUNTED VALUE (A*C/100)				
E	PACKING & FORWARDING CHARGES				
F	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
G	IMPORT DUTY (PERCENTAGE & AMOUNT)				
H	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
I	FREIGHT UPTO DESTINATION				
K	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
	TOTAL PRICE AT DESTINATION (SUM of 'D' to 'L')				

NOTES:

1. PLEASE USE ADDITIONAL SHEETS IF NECESSARY

SIGNATURE OF THE TENDERER WITH SEAL

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PRICE FORMAT

**BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR:WESTERN REGION:NAGPUR**

NAME OF THE TENDERER:_____

SELLER'S REF. No._____DATE :_____

ENQUIRY NO. **XI005 E**

DT.28.05.11

DUE DATE:13.06.2011

S.N.	DESCRIPTION	MOUDA EDTA CLEANING	VINDHYACHAL STEAM BLOWING	VINDHYACHAL EDTA CLEANING	RAIGARH STEAM BLOWING	RAIGARH EDTA CLEANING
A	VALUE	VALUE OF D	VALUE OF C	VALUE OF D	VALUE OF C	VALUE OF D
B	CURRENCY	INR	INR	INR	INR	INR
C	DISCOUNT (%AGE)					
D	DISCOUNTED VALUE (A-(A*C/100))					
E	PACKING & FORWARDING CHARGES					
F	EXCISE DUTY (PERCENTAGE AND AMOUNT)					
G	IMPORT DUTY (PERCENTAGE & AMOUNT)					
H	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)					
I	FREIGHT UPTO DESTINATION					
J	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN					
	TOTAL PRICE AT DESTINATION (SUM of 'D' to 'J')					

NOTES:

1. PLEASE USE ADDITIONAL SHEETS IF NECESSARY

SIGNATURE OF THE TENDERER WITH SEAL