



Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)

Power Sector, Eastern Region

Bhel Bhawan , Plot No. Dj-9/1 , Secotr II , Salt Lake City , Kolkata
WEST BENGAL, INDIA

Phone : 033-2321 1690 FAX : 033-2321 1960

Tender Enquiry

SUB: TENDER DOCUMENT FOR “SUPPLY OF AMMONIATED EDTA AT BHEL PSER’S SAGARDIGHI STPP 2X500 MW WBPDC, WEST BENGAL”.

Dear Sirs,

Sealed offers are invited by the undersigned on behalf of BHARAT HEAVY ELECTRICALS LIMITED for the subject job. Please find enclosed tender documents as per following details:

Tender document no: PSER: PUR:PMX:263(IX):078 DATE: 13/10/2015 Comprising of following :

SALIENT DETAILS OF NIT		
SL	ISSUE	DESCRIPTION
1.0	JOB DESCRIPTION	SUPPLY OF AMMONIATED EDTA AT BHEL PSER’S SAGARDIGHI STPP 2X500 MW WBPDC, WEST BENGAL
2.0	TENDER NO	PSER: PUR:PMX:263(IX):078 DATE: 13/10/2015
3.0	DETAILS OF TENDER DOCUMENT	
3.1	PART - A	PRE-QUALIFICATION CRITERIA
3.2	PART - B	General conditions of contract (GCC)
3.3	PART- C	Technical Specification & Special Condition of Contract (SCC)
3.4	PART -D	PRICE SCHEDULE
3.5	PART -E	NO DEVIATION CERTIFICATE
3.6	PART - F	RTGS FORMAT (Need to submit the filled one along with Techno-commercial bid for any PAYMENT)
4.0	EMD AMOUNT	Rs. 1,00,000.00 (Rupees Sixty Thousand Only)
5.0	COST OF TENDER	NIL
6.0	TENDER DUE DATE	Last date of submission of offer is 23/10/2015 (15:00 Hrs. IST) . Techno-commercial bid shall be opened on 23/10/2015 at 16:00 Hrs. IST.

1. Earnest Monet Deposit (EMD) of **Rs. 100000.00** either in cash deposited at BHEL office Cash section and receipt enclosed or in the form of crossed Demand Draft / Pay Order (in favour of Bharat Heavy Electricals Limited, payable at Kolkata), shall be enclosed by the bidder along with the offer, failing which the tender is liable for rejection.

One time EMD for Rs. 2,00,000.00 (Rupees Two Lac only) will also be valid for all such jobs. Bidders who have deposited one time EMD of Rs. 2.00 lakh with BHEL:PSER for such job (evidence of deposit must be submitted) will be exempted from submission of EMD with this tender. The followings may be noted:

In case the bidder deposits separate EMD as mentioned above, there will be no change in existing clauses of this tender.

EMD by the bidder will be forfeited as per Tender Documents if, After opening the tender, the bidder revokes his tender within the validity period or increases his earlier quoted rates.

EMD given by all unsuccessful Tenderers shall be refunded within a reasonable time on acceptance of award / LOI/PO by successful Tenderer. The EMD of successful bidder shall be returned after successful execution of the job or submission of Security deposit (if applicable).

2. The offers shall be sent in sealed envelopes in the manner prescribed below :
Complete set of offer shall be sent to BHEL, PSER, Kolkata as per address given below as per following details. In case of voluminous document the tender may be submitted in properly bounded form.

Sl no	Description	No of copy
I. COVER-I (TECHNO-COMMERCIAL BID) – in sealed envelope		
I.a	Offer forwarding/covering letter.	Original & 1 copy.
I.b	Duly filled-in 'No deviation certificate' as per prescribed format (PART-F) to be placed after document under sl no I.a above. In case of any deviation, the same should be submitted separately for technical & commercial parts, indicating respective clauses of tender against which deviation is taken by bidder. The list of such deviation shall be placed after document under sl no I.a above. It shall be specifically noted that deviation recorded elsewhere shall not be entertained.	Original & 1 copy.
I.c	Techno-commercial offer enclosing supporting documents meeting Pre Qualifying Criteria / annexures / schedules/ drawing /BOM etc as required in line with prescribed format.It shall be specifically noted that all documents as per above shall be indexed properly.	Original & 1 copy.
I.d	All volumes of tender document pertinent for the subject job including NIT together with subsequent changes in the tender in the form of TCN, correspondences etc, signed on all pages.	1 copy.
I.e	PART- E (Price Schedule)– un-priced but mentioning only ' quoted/unquoted ' against each item of schedule.	1 copy.
I.f	Any other details preferred by bidder with proper indexing.	Original & 1 copy.
II. COVER-II (PRICE BID/ABSOLUTE VALUE)		
II.a	Copy of offer forwarding/ covering letter (as referred in I.a).	1 copy.
II.b	Duly filled-in PART- E (Price Schedule) together with signed preamble in separate sealed envelope.	Original.
III. COVER-III (EMD).		
Demand Draft etc towards EMD as per instruction.		
IV. COVER-IV.		
All four aforesaid covers in sealed condition shall be enclosed in this cover. This cover shall be super-scribed with (i) Cover no; (ii) Details of enclosed covers and (ii) Name of the job, tender document no. & due date of submission. ALONG WITH NAME & COMPLETE ADDRESS (FAX NO. CONTACT NOS) OF BIDDER and should be addressed to Sr. Manager / Purchase Department, Bharat Heavy Electricals Limited, PSER, DJ-9/1, SALT LAKE. SECTOR-II, KOLKATA - 700 091, India.		

SPECIAL NOTE:

Your offer & documents submitted with the offer shall be signed and stamped in each page by your authorized representative. No overwriting / correction in tender documents by bidders shall be allowed. However if correction is unavoidable, the same may be signed by authorized signatory.

All documents / annexure submitted with the offer shall be properly annexed and placed in respective places of the offer as per enclosure list mentioned in the covering letter. BHEL shall not be responsible for any missing documents.

- BHEL reserves the right to accept or reject any or all offer without assigning any reasons thereof. BHEL also reserve the right to cancel the offer wholly or partly without assigning any reason thereof.
- BHEL also reserve the right to reject the bidder with unsatisfactory past performance in the execution of a contract. BHEL's decision in this regard shall be final & binding.
- You are free to visit the site and study the prevailing site condition including law & order etc. before quoting.

6. For any clarification on the tender document, you may seek the same in writing from the office of the undersigned. Such letters should reach the office of the under signed positively by **19/10/2015 (15:00 Hrs. IST)**.
7. BHEL may decide holding pre-bid conference (PBC) with any/ all the intending bidders. On such communication from BHEL, the bidder shall ensure participation for the same at the appointed time, date and place as may be decided by BHEL.
8. In the event of any conflict between requirement of any clause of this specification / documents / drawings / data sheets etc or requirements of different codes / standards, specified, the same to be brought to the knowledge of BHEL by you in writing for such clarifications before you submit your bid; otherwise, more stringent requirements as may be interpreted by BHEL shall prevail and shall be binding on you.
9. Price bids of those bidders will be opened who will be qualified for the subject job on the basis of evaluation of Techno-commercial bids / pre-qualifying criteria and as considered suitable by BHEL.
10. While BHEL reserves the right to open the price bid of the offers in camera, the date & time to open the tender opening shall be intimated to the bidders in case BHEL decides it to be 'Public opening' and in such a case, one authorized representative of the bidder shall be allowed to attend.
11. Entry tax/Octroi (if applicable) shall be borne by BHEL.
12. Statutory variation of taxes and duties (plus or minus) in accordance with Govt. Notifications to the account of BHEL. Any imposition of new / additional Duty / Tax at the time of supply shall be borne by BHEL.
13. BHEL reserves the right to go for REVERSE AUCTIONING (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.
14. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue. Information and General Terms and conditions of Reverse Auction is attached in Part-D.
15. Reverse Auction is the type of auction typically conducted to buy goods / items over Internet in which the lowest price bidder wins. In case, the bidders are willing to know the details about the methodology, they may please contact HEAD/PURCHASE OR SR. MANAGER /PURCHASE, BHEL, KOLKATA.
16. However, if reverse auction process is unsuccessful as defined in the RA rules/procedures, or for whatsoever reason, then the sealed 'PRICE BID' will be opened for deciding the successful bidder. BHEL's decision in this regard will be final and binding on bidder.
17. Bidders are requested to note that the accepted / agreed tender terms (technical, commercial or on Reverse Auction) in their original offer cannot be altered / withdrawn by their own during the processing of tender.
18. Unsolicited discounts received after opening of techno commercial bid shall not be considered for evaluation. However, if the party who has submitted the unsolicited discount/rebate becomes the L-1 party, then the awarded price shall be after considering the discount.
19. The bidder may have to produce original document for verification if so decided by BHEL.
20. "The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com".

21. Suspension of Business dealings: BHEL reserves the right to take action against contractors who fail to perform or indulge in malpractices, by suspending business dealings with them as detailed in Annexure-B.
22. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -C where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender .is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer. "

Any Bidder falling under MSME category, shall furnish the following details & submit documentary evidence/Govt. Certificate etc. in support of the same along with their techno-commercial offer

Type under MSME	SC/ST owned	Others
Micro		
Small		
Medium		

Note: - If the bidder does not furnish the above, offer shall be processed construing that the bidder is not falling under MSME category.

23. Supplier shall furnish specific conformance to all material specifications and terms and conditions (General and Special) mentioned hereunder as well as appearing in Annexures enclosed as acceptable to them along with their offer. **Offers with deviation are liable for rejection.**
24. Order of Precedence: In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below:
- Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL
 - Notice Inviting Tender (NIT)
 - Price SCHEDULE – (Part-D)
 - Technical Specification & Special Condition of Contract (SCC) – (Part-C)
 - General Conditions of Contract (GCC) — (Part-B)

All the bidders are requested to note that all the errata / technical clarifications / corrigendum / extension etc shall be published in this web page only. As such, all the bidders are requested to be in continuous touch with this web page.

Thanking you,

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LTD

Sr. Manager (Purchase)

Agency	Contact details	
BHEL, PSER, Kolkata	Address	Bharat Heavy Electricals Limited, POWER SECTOR – EASTERN REGION 2nd FLOOR, Block-DJ, Plot- 9/1, SECTOR, SALT LAKE CITY, KOLKATA – 700 091
	Phone no.	DIRECT- 033-2321 1496 , EPABX – 23216130, Extn. – 3221
	FAX no.	033-23211960
	E-mail ID	abhakta@bhhelpser.co.in

PART – A

PRE-QUALIFICATION CRITERIA

1. THE BIDDER SHOULD HAVE SUPPLIED AMMONIATED EDTA OF MINIMUM QUANTITY OF 12900 KG TO ANY GOVT./PSU/REPUTED ORGANISATION(S) IN LAST THREE YEARS ENDING ON LAST DATE OF BID SUBMISSION.

ALL RELEVANT DOCS TO BE SUBMITTED IN SUPPORT OF THE ABOVE.

2. BIDDER SHOULD HAVE AN AVERAGE ANNUAL FINANCIAL TURNOVER OF Rs. 10.23 LAC DURING THE LAST THREE YEARS, ENDING on 31ST MARCH'15 AND SHOULD SUBMIT THEIR AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT IN SUPPORT OF THE SAME.

IN CASE AUDITED FINANCIAL STATEMENTS HAVE NOT BEEN SUBMITTED FOR ALL THE THREE YEARS AS INDICATED ABOVE, THEN THE APPLICABLE AUDITED STATEMENTS SUBMITTED BY THE BIDDERS AGAINST ABOVE 3 (THREE) YEARS, WILL BE AVERAGED FOR 3 (THREE) YEARS.

3. INDIAN BIDDER OR INDIAN COUNTER PART OF FOREIGN BIDDERS SHOULD FURNISH PAN (PERMANENT ACCOUNT NO.).

NOTE:

1. THE BIDDER WHO MEETS THE ABOVE PRE-QUALIFICATION CRITERIAN CAN ONLY PARTICIPATE IN THE TENDER.
2. BIDDERS QUOTING IN INDIAN CURRENCY (INR) ONLY SHALL BE QUALIFIED.

PART - B
GENERAL TERMS & CONDITIONS

1. **100% Payment shall be made after receipt & acceptance of material at site and within 30 days on submission of invoice along with material receipted challan. For payment vendor shall submit bill along with receipted delivery challan to Purchase Dept., BHEL:PSER, Kolkata.**
2. All taxes and duties e.g. ED, VAT/CST, and any other levies shall be quoted separately, as per percentage of Basic Price.
3. Where there is provision for payment of VAT/CST extra it will be paid only if registration number under State VAT /Central Sales Tax is mentioned on the bill/invoice.
4. The supplier will insure at his cost the goods for all transit risk.
5. Our Bankers are STATE BANK OF INDIA, COMMERCIAL BRANCH, SALT LAKE, KOLKATA / IDBI BANK, PARK STREET BRANCH, KOLKATA. Bank Charges, if any, will have to be borne by the supplier.
6. Correct date of effecting supplies in the event of an order should also be recorded in the quotation.
7. Failure to despatch in time as per terms of delivery quoted in the order would make the supplier liable to an unconditional penalty of ½% of the value of goods ordered in arrears per week, at the discretion of the purchaser subject to maximum of 10% of order value. Non acceptance of penalty clause will attract maximum 10% loading on the offer and accordingly proportionate percentage will be loaded for accepting less percentage of penalty clause. Ex: If the supplier has accepted for maximum 5% penalty clause, then balance 5% will be loaded.
8. The equipment supplied shall be guaranteed for satisfactory performance for a period of eighteen months from the date of despatch or 12 months from the date of commissioning which ever is earlier, as per applicability.
9. The order may be split among the suppliers as per BHEL discretion.
10. Acceptance of all goods will be subject to our inspection either at the suppliers' works or on receipt at destination.
11. Material should be of standard quality and conforming to our specification / relevant I.S. or B.S. Materials not conforming to those shall be rejected and returned to the suppliers at suppliers risk and cost.
12. Manufacturer's name, their trade mark and brand, if any should be mentioned illustrative leaflets giving technical particulars etc. should be attached.
13. Sample must be submitted where specified so as to reach us on or before the due date of enquiry.
14. No enhancement of rate for whatever cause will be allowed once the quotation is accepted and the order is placed. Withdrawal the quotation after it is accepted or failure to make the supply within the schedule period will entail cancellation of the order and forfeiture of earnest money if any and/or risk purchase and such defaulter is to be blacklisted.
15. The successful party should, if required by us in case the party is not included in the DGS & D list of rate contract holder furnish a security deposit or bank guarantee from the approved bank for an amount of 10% of the total value of the order for satisfactory execution of the same in accordance with the terms and conditions and delivery specified in the order.
16. The quantity of each item to be purchased may vary according to actual requirement at the time of placing order.
17. Any dispute arising out of this shall be referred to the sole arbitration of BHEL/PSER or any other officer nominated by the office and is award shall be final & binding on the parties. The venue of the arbitration in all cases shall be in Calcutta.

18. BHEL does not bind itself to accept the lowest or any quotation but reserve the right to accept or reject all or a part of any quotation at its discretion.
19. All suits in respect of this shall lie in the courts in Kolkata only.
20. A list of parties to whom similar goods have been supplied by party in the past with relevant particulars and performances shall be furnished with offer.
21. Valid authorized dealership certificate shall be furnished with offer.
22. Supplier shall maintain and ensure necessary safety measures as required for inspection & test H.V. Tests, Pneumatic Test, Hydraulic test, Spring Test, Bend Test etc. to enable inspection Agency for performing inspection. If any test equipment found not complying with proper safety requirements then the inspection Agency may withheld inspection till time desired safety requirements are met.
23. MSDS (Material Safety Data Sheet) for Chemicals have to be furnished along with supply of material.
24. Form 10 Transport Emergency (TREM) Card to be submitted and also ensure the TREM Card to be made available with the driver while transporting the material.

PART – C

SPECIAL TERMS & CONDITIONS (SCC)

These special conditions shall be read along with general terms & conditions (PART-B). In case of any conflict or inconsistency between the general and these special conditions, the provisions in the latter shall prevail and shall be binding on the vendor.

1. The material will be tested at supplier's works before despatch. However, the concentration of all chemicals shall again be verified at site in presence of bidder's representative. **The bidder shall make good the chemicals found to be lower in concentration or short in quantity as compared to the desired concentration within a period of five days failing which BHEL reserves the right to procure the same at vendors risk & cost.**
2. Test certificate, guarantee certificate to be furnished along with the supply. Bidders to indicate shelf life of the chemical.
3. Transit insurance charge is to be borne by BHEL. BHEL shall arrange comprehensive MCE insurance policy. The vendor shall be responsible for timely intimation of dispatch particulars to the underwriter and BHEL, failing which the vendor shall be held responsible for the, loss/damage/theft/ of materials during transit. Vendor shall intimate dispatch particulars to the underwriter at the following address before dispatch of the material with copy to BHEL Site as mentioned below:-
UNITED INDIA INSURANCE COMPANY LIMITED, LARGE CORPORATE CELL,D-24 & E-25, 2ND FLOOR,HIMAYALA HOUSE, 23, K G MARG,NEW DELHI,Phone: 011-46016859, 23324759, 23314657,Fax: 011-23355307
Marine Policy no - 500300/44/11/08/50000005, CONTACT PERSON : Mr Ashish Rajora: ashishrajora@uiic.co.in, Mr Sunil Mathur: sunilmathur@uiic.co.in, Mr Ashim Mukherjee akmukherjee@uiic.co.in and Mr Rajesh Khanna: rajeshkhanna@uiic.co.in
4. **DELIVERY PERIOD:** Despatch is to be made on written confirmation and against Material Despatch Clearance Certificate (MDCC) from **BHEL-PMX/ SITE. Supply of the chemical at site is to be completed within 04 (Four) weeks of MDCC by BHEL Site/PMX.**
5. **CONSIGNEE:** The Consignee for the items will be: **“CONSTRUCTION MANAGER, BHEL SITE OFFICE, SAGARDIGHI (EXTN) PROJECT- PH.II-(2X500 MW EXTN), UNIT-3&4, PO-MANIGRAM, SAGARDIGHI, DIST. MURSHIDABAD, WEST BENGAL-742237”**
6. **CENVATABLE ED:** Bidder to consider the benefit of CENVAT in their quoted basic price. BHEL is eligible to take CENVAT Credit as per CENVAT Credit Rule. Bidders eligible to issue Excise Invoice to BHEL for any materials either as manufacturers, first stage or second stage dealer under the Central Excise Act, Rules etc. must furnish the CENVATABLE ED amount as

mentioned in price schedule. CENVARIABLE ED amount which can be passed on to BHEL by the bidder will not be considered for evaluation of the offer.

7. **DISCOUNTS:** Discounts offered by the vendor in price shall not be entertained by BHEL. The vendor should factor in his discount in the price offer only. In spite of the same, if a discount is offered by the bidder, the same shall not be considered for evaluation of the offer, but purchase order shall be issued on bidder's final discounted price.
8. **Details of payment terms:**
 - a) **100% Payment shall be made after receipt & acceptance of material at site and within 30 days on submission of invoice along with material receipted challan. For payment vendor shall submit bill along with receipted delivery challan to Purchase Dept., BHEL: PSER, Kolkata.**
 - b) No advance payment shall be made by BHEL.
 - c) All payments shall be made through RTGS /ECS.
 - d) Paying Authority: Head / Finance, BHEL-PSER, Kolkata.
9. The quotation should be **valid at least for a period of 90 days** from the tender due date of submission (extended, if any). Price Variation Clause will not be entertained.
10. Order shall remain valid for execution within three months of the P.O. date. Price shall remain firm till the completion supply of full ordered quantity.
11. **Security Deposit is not applicable for this tender.**
12. Materials found defective at the time of delivery shall be replaced by the supplier at free of cost.
13. **Penalty @ ½ %** of order value per week of delay or part thereof at the discretion of purchaser, subject to a maximum of 10% of the order value shall be applicable. Non acceptance of penalty clause will attract maximum 10% loading on the offer and accordingly proportionate percentage will be loaded for accepting less percentage of penalty clause. Ex: If the supplier has accepted for maximum 5% penalty clause, then balance 5% will be loaded.
14. For all other Terms & Conditions, if the offer is not confirming to the same, BHEL at its discretion shall load the same and the loading pattern shall be intimated to the bidders before price bid opening. However BHEL reserves the right to cancel a bid in case of non-acceptance of any terms and conditions finally arrived before price bid opening.
15. Order acceptance shall be confirmed within three days of issue of order. Non-receipt of the same within the time shall be construed as order has been accepted in-to-to by the successful vendor.
16. Octroi /Entry taxes, if applicable shall be paid by BHEL separately.
17. **SPECIAL NOTE FOR SUPPLY OF Ammoniated EDTA:**
 - I. Material shall be delivered in SS tankers taking care of safety precautions. Unloading of material is in the scope of BHEL.
 - II. Vendor will be required to test active EDTA content first by following the procedure detailed below before giving inspection call. BHEL chemist will visit vendor's works and test for active EDTA content in the bulk quantity before giving dispatch clearance. Sample of EDTA supplied at site will be once again tested before final acceptance. All tests will be carried out as per the stated procedure.
 - III. Vendors are required to station the tanker at site for Three (03) days to facilitate the unloading. Demurrage will be considered beyond 3 days if the reasons for detention are attributable to BHEL.

PART – C**Technical Specification**

Sl. No.	ITEM DESCRIPTION	QUANTITY	DESTINATION
a	Ammoniated EDTA (Minimum 40% w/w as active EDTA, pH: 9.4 to 9.8, Sp. Gravity: 1.18, Colour: Straw Yellow, completely mixable in water)	43 MT (43000 KG)	“CONSTRUCTION MANAGER, BHEL SITE OFFICE, SAGARDIGHI (EXTN) PROJECT- PH.II-(2X500 MW EXTN), UNIT-3&4, PO-MANIGRAM, SAGARDIGHI, DIST. MURSHIDABAD, WEST BENGAL-742237”

**PROCEDURE FOR TESTING ACTIVE EDTA CONTENT IN BULK
AMMONIATED EDTA LIQUID**

The active EDTA content in commercially available bulk Ammoniated EDTA is the content of pure EDTA present in the liquid. The following is the procedure to be adapted for determining the Active EDTA content in ammoniated EDTA which will be represented in weight by weight basis.

- A representative sample of Ammoniated EDTA has to be collected.
- 10 mL of the above are to be pipetted out in a 100 mL standard flask and the volume has to be made up to 100 mL with DM water.
- 5 mL of the diluted solution are to be pipetted out in a conical 250 mL flask.
- 50 mL of DM water are to be added to the above.
- 1 mL of conc. Hydrochloric acid also has to be added.
- A pinch of ascorbic acid to be added to the above.
- The solution has to be boiled on a hot plate.
- 1 mL Xylenol Orange indicator is to be added.
- The solution has to be titrated against 0.1 M Zirconium Oxychloride solution taken in the burette.
- The end point is the change of the yellow colour to violet.
- Note the titre value.
- Determine the specific gravity (sp gr) of the bulk EDTA representative sample using a specific gravity bottle and an analytical balance.

Percentage weight by weight of

Active EDTA In bulk

Ammoniated EDTA = [Titre value x 0.584 x 10] / Sp gr.

REQUIREMENTS:

I GLASSWARE & EQUIPMENT:

1. Sample collection bottle (Polythene) 500 mL capacity .. 1 No
2. Pipette (graduated, 10 mL) .. 2 Nos
3. Standard Flask (100 mL) .. 1 No
4. Conical flask (250 mL) .. 1 No
5. Hot plate (preferably open coil heater) .. 1 No
6. Spatula .. 1 No
7. Burette (50 mL) .. 1 No
8. Analytical balance (0.1 mg accuracy) .. 1 No
9. Specific gravity bottle (50 mL) .. 1 No

II REAGENTS:

1. Standard Zirconium Oxychloride solution , 0.1 M
Weigh accurately 32.23 g of $ZrOCl_2 \cdot 8H_2O$ and dissolve in 500 mL of DM water first in a 1000 mL Volumetric flask, add 85 mL Conc.HCl and make the volume up to 1000 mL.
2. Xylenol Orange indicator:

- Prepare a 0.05 % solution of Xylenol Orange in DM water and use.
3. Ascorbic acid (AR/LR grade)

PART – D
PRICE FORMAT

Sl. No.	ITEM DESCRIPTION	Ammoniated EDTA (Minimum 40% w/w as active EDTA, pH: 9.4 to 9.8, Sp. Gravity: 1.18, Colour: Straw Yellow, completely mixable in water)
	QUANTITY	43000 KG
	UNIT BASIC PRICE (Rs.)	
1)	TOTAL BASIC MATERIAL COST (Rs.) = UNIT BASIC PRICE X QUANTITY	
2)	Excise Duty	
3)	Sales Tax/Vat Without "FORM-C", % & Amount	
4)	Packing & Forwarding	
5)	Transportation Charges	
6)	Other charges, if any (p. specify)	
7)	All inclusive Total F.O.R. site Price i.e. (sum of sl. No.1 to sl. No. 6)	
8)	CENVATABLE ED amount (Rs)	
9)	Net of CENVAT Price = (All inclusive Total F.O.R. site price - CENVATABLE ED) i.e. (Sl. No.7 – Sl. No.8)	

- CENVATABLE ED amount which can be passed on to BHEL by the bidder will not be considered for evaluation of the offer. (Ref. Cl. No. 6, SCC).
- Discounts offer by the vendor in price shall not be entertained by BHEL. (ref. cl. 7, SCC).
- Bidder should mention CENVATABLE ED amount as indicated above otherwise construed it will be NIL and/or CENVAT benefit cannot be passed on to BHEL by the bidder.
- Bidder must quote the price elements mentioned in price schedule if any element left blank shall be construed as the price is included in all inclusive F.O.R. price.
- **Net of CENVAT Price (sl. no.9) as above shall be taken into account for evaluation.**
- Purchase order shall be issued in totality (sl. no. 7 as above) on all inclusive F.O.R. Site price. Original excise invoice shall be submitted by the bidder to claim CENVATABLE ED amount.
- **Bidder has to mention the Percentage (%) of the taxes & duties in Unpriced Price Format.**

Signature of the bidder with seal

UNPRICED PRICE FORMAT**UNPRICED - INDICATE ONLY QUOTED/UNQUOTED AS APPLICABLE**

Sl. No.	ITEM DESCRIPTION	Ammoniated EDTA (Minimum 40% w/w as active EDTA, pH: 9.4 to 9.8, Sp. Gravity: 1.18, Colour: Straw Yellow, completely mixable in water)
	QUANTITY	43000 KG
	UNIT BASIC PRICE (Rs.)	
1)	TOTAL BASIC MATERIAL COST (Rs.) = UNIT BASIC PRICE X QUANTITY	
2)	Excise Duty	
3)	Sales Tax/Vat Without "FORM-C", % & Amount	
4)	Packing & Forwarding	
5)	Transportation Charges	
6)	Other charges, if any (p. specify)	
7)	All inclusive Total F.O.R. site Price i.e. (sum of sl. No.1 to sl. No. 6)	
8)	CENVATABLE ED amount (Rs)	
9)	Net of CENVAT Price = (All inclusive Total F.O.R. site price - CENVATABLE ED) i.e. (Sl. No.7 – Sl. No.8)	

- CENVATABLE ED amount which can be passed on to BHEL by the bidder will not be considered for evaluation of the offer. (Ref. Cl. No. 6, SCC).
- Discounts offer by the vendor in price shall not be entertained by BHEL. (ref. cl. 7, SCC).
- Bidder should mention CENVATABLE ED amount as indicated above otherwise construed it will be NIL and/or CENVAT benefit cannot be passed on to BHEL by the bidder.
- Bidder must quote the price elements mentioned in price schedule if any element left blank shall be construed as the price is included in all inclusive F.O.R. price.
- **Net of CENVAT Price (sl. no.9) as above shall be taken into account for evaluation.**
- Purchase order shall be issued in totality (sl. no. 7 as above) on all inclusive F.O.R. Site price. Original excise invoice shall be submitted by the bidder to claim CENVATABLE ED amount.
- **Bidder has to mention the Percentage (%) of the taxes & duties in Unpriced Price Format.**

Signature of the bidder with seal

PART – E

NO DEVIATION CERTIFICATE

TO
Bharat Heavy Electricals Limited,
POWER SECTOR – EASTERN REGION
2nd FLOOR, Block-DJ, Plot- 9/1, SECTOR- II
SALT LAKE CITY KOLKATA – 700 091
FAX – 033-2321-1960

Sub: **NO DEVIATION CERTIFICATE FOR TENDER FOR “SUPPLY OF AMMONIATED EDTA AT BHEL PSER’S SAGARDIGHI STPP 2 X 500 MW WBPDC, WEST BENGAL”**

Dear Sir,

With reference to above tender, this is to confirm you that we have gone through each and every terms and conditions mentioned in the enquiry (Terms and Conditions) and we offer our unqualified acceptance of the same.

We also confirm that we have not changed/modified the tender documents as appeared in the website/newspapers and in case of observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT and confirm our acceptance to **reverse auctioning process** and we hereby convey our unqualified acceptance to all terms and conditions as stipulated in the tender and NIT.

It is also confirmed that the price has been quoted in the format received with the enquiry. We confirm that, we do not have any objections to splitting the quantity among the different bidders by BHEL and price shall remain firm till the completion supply of full ordered quantity.

Any deviation found subsequently at any time during execution of order shall be treated null and void.

(Signature of bidder)
with Seal

Part -F

(RTGS FORMAT – NEED TO BE SUBMITTED ALONG WITH OFFER . THE SAME IS REQUIRED FOR ANY PAYMENT BY BHEL INCLUDING REFUND OF EMD ETC.)

Form for getting payment through RTGS (Real Time Gross Settlement)

01. NAME OF VENDOR
02. ADDRESS
03. VENDOR'S BANK A/C NAME
04. VENDOR'S BANK A/C NO.
05. NAME OF BANK
06. NAME OF BRANCH
07. BRANCH PH. NO.
08. CITY
09. IFSC CODE OF THE BRANCH

THE CHARGES IF ANY FOR PAYMENT THROUGH RTGS MAY BE RECOVERED FROM THE BILL SUBMITTED BY US.

SIGNATURE OF AUTHORISED
REPRESENTATIVE OF VENDOR WITH
DATE & SEAL

CONFIRMATION BY BANKER
WITH OFFICE SEAL

Note : Incorrect information will create accounting complications and payment will be delayed

Annexure – A

1	Suspension of business dealing with Suppliers Depending upon the gravity of the omission or commission by the Supplier, the Supplier may be either put on hold for future enquiries for specific material category/ item or delisted or banned as detailed hereinafter.
2.0	Hold A Supplier may be put on hold for future enquiries for specific material category/ items/ works for a specific unit on the basis of one or more of the following reasons:
2.1	Before placement of order, Supplier does not honour his own offer or any of its conditions within the validity period.
2.2	In the last three consecutive supplies of a specific material category, average quality rating as at the end of the previous calendar month falls below 80% of the quality weightage. This is irrespective of supplies against PO(s) having single/ multiple delivery schedules.
2.3	Two consecutive delays, for reasons of delay attributed to the Supplier, in execution of the contracts where delay occurred is such that a) prescribed maximum LD time limits of the contracts is reached/ exceeded or b) delay period has equaled/ exceeded the original delivery period specified in the contracts whichever among the above is earlier.
2.4	Supplier performance rating in line with SEARP falls below 60% of the specific material category.
2.5	Supplier fails to respond against three consecutive tenders. ('Regret letter' from the Supplier is to be considered as response)
2.6	Supplier fails to settle any outstanding on account of material (including short return)/ scrap or on any other account.
2.7	Supplier works are under strike/ lockout for a period of more than six months.
3.0	De-listing A Supplier may be de-listed i.e. removed from the list of registered Suppliers of a Unit for all categories of material on the basis of one or more of the following reasons:
3.1	Supplier in any way tampers with tendering procedure affecting ordering process.
3.2	Supplier has misused BHEL documents/ drawings or has breached the confidentiality agreement with BHEL.
3.3	After placement of order, Supplier fails to execute the contract.
4.0	Banning A Supplier can be banned from doing any business with all Units of BHEL on the basis of receipt of evidence of one or more of the following reasons:
4.1	Supplier is found to be responsible for submitting fake/ false/ forged documents, certificates, or information or has resorted to unethical, illegal means in getting the contract.
4.2	In spite of warnings, the Supplier persistently violates or circumvents the provisions of labour laws/ regulations/ rules and other statutory requirements.
4.3	Supplier is found to be involved in cartel formation or in any act so as to influence the bidding process or influence the price.
4.4	The Supplier has indulged in malpractices or misconduct such as bribery, corruption and fraud, pilferage etc.
4.5	The Supplier is found guilty by any court of law for criminal activity/ offences involving moral turpitude in relation to business dealings.
4.6	The Supplier is declared bankrupt, insolvent, has wound up or been dissolved; i.e. ceases to exist for all practical purposes.
4.7	Supplier is found to have obtained any internal information/ documentation of BHEL by unauthorized means.
4.8	A decision has been taken by the administrative ministry of the Government to ban business dealings with a Supplier and such decision has been communicated to BHEL.
4.9	The foreign Principals along with the representing Agent shall be banned together if information submitted by them about their precise relationship, commission/ remuneration etc. payable/ receivable and other particulars as asked by BHEL, as per the extant guidelines regarding dealing with Agents of Foreign Suppliers is found false/ incorrect.
4.10	Supplier has substituted, damaged, failed to return, or unauthorizedly disposed off free issue materials/ tools etc. of BHEL.
5.0	Contracts already entered with a contractor before the date of issue of order of 'HOLD' or 'DE-LISTING' shall not be affected.
6.0	All existing contracts with a 'BANNED' contractor shall normally be short closed
7.0	Once the order for banning is passed, existing offers/ new offers of the Supplier shall not be entertained.
8.0	The above guidelines are not exhaustive but enunciate broad principles governing action against contractors

Annexure - B**Certificate by Chartered Accountant on letter head**

This is to Certify that M/S
 (hereinafter referred to as 'company') having its registered office at
 is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part-II)
 dtd:..... ,
 Category: (Micro /Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.I722(E) dated October 5, 2006 :

Rs..... Lacs

2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:

Rs..... Lacs

(Strike off whichever is not applicable)

The above investment of Rs Lacs is within permissible limit of Rs..... Lacs for..... Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide 5.0. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04,11.2013 by Ministry of MSME.

Date:

(Signature)

Name-

Membership number -

Seal of Chartered Accountant

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: **Declaration for relation in BHEL**

Ref : 1) NIT/Tender Specification No:

I/We hereby submit the following information pertaining to relation/relatives of Proprieter/Partner(s)/Director(s) employed in BHEL.

Tick (√) any one as applicable:

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

(i)

(ii)

Signature of the Authorized Signatory

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

FORMAT FOR SEEKING CLARIFICATION(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: **Request for Clarification**Ref: 1) NIT/Tender Specification No:,
2) All other pertinent issues till date

Sl no	Reference clause of Tender Document	Existing provision	Bidder's query	BHEL's clarification
1				
2				
3				

Yours faithfully,

(Signature, date & seal of Authorized Representative of the Bidder)

PART-DGeneral Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Process Compliance form (**Annexure-III of Business Rule Document of Reverse Auction – shall be shared to bidders along with intimation of RA schedule**) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (**as per Annexure-IV of Business Rule Document of Reverse Auction**) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the 'Business Rules of Reverse Auction', which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.