

TENDER

Volume – IA: Technical Bid

E - Tender No: 1803028 Date 16-05-2018 comprising of following:

Salient Details of NIT		
S. No.	Issue	Description
1.	Job	Procurement of Ammoniated EDTA as per Technical Specifications for 4 X 270MW BTPS Manuguru, Telangana and RFCL, Ramagundam, Telangana on 'F.O.R.' Destination basis
2.	E - Tender No	1803028
3.	Details of Tender Document	
3.1	Volume _ I A	Technical Bid – (Pre-Qualification Criteria & Technical Specification)
3.2	Volume _ I B	General Conditions of the Contract (GCC)
3.3	Volume _ I C	Techno-Comm - Compliance
3.4	Volume _ II	Price Schedule
4.	Issue of Tender Documents	From BHEL website (www.bhel.com) and https://bhel.abcprocure.com (Tender documents will be available for downloading from BHEL e-Procurement website till due date of submission)
5.	Due Date Of Offer Submission	Date: 28-05-2018 Time: 15:00 hrs https://bhel.abcprocure.com Offer to be submitted in online only through e-procurement Portal. (Bidders are requested to visit website to view corrigendum/ addenda/ amendments/ extension/ modification to PQ etc in the form of TCN before submitting offer).
6.	Opening of Tender (Techno-Commercial Bid)	Date : 28-05-2018 Time : 16.00 Hrs Notes: This tender being an e-tender, it shall be opened online only through the E-Procurement Portal. Participating bidders may witness the Opening online only.
7.	Cost of Tender	Not Applicable
8.	Schedule Of Pre-Bid Discussion	Not Applicable
9.	Last Date of Seeking	25-05-2018 Along with soft version also, addressing to undersigned & to others as per contact address

Salient Details of NIT		
	Clarification	<i>given below.</i> Bidders may consider to seek clarifications on the e-tender portal--- https://bhel.abcprocure.com
10.	Integrity Pact & Details of Independent External Monitor (IEM)	Not Applicable
11.	Latest Updates	Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc to Tender Specifications will be hosted in BHEL webpage (www.bhel.com -->Tender Notifications →View Corrigendum(s) & on e-tender portal https://bhel.abcprocure.com and not in the newspapers. Bidders to keep themselves updated with all such information

1.0 The offer shall be submitted as per the instructions of tender document and as detailed in this NIT. Bidders to note specifically that all pages of tender document, including these NIT pages of this particular tender together with subsequent correspondences shall be submitted by them, duly **digitally** signed, as part of offer. **Rates/Price including discounts/rebates, if any, mentioned anywhere/in any form in the techno-commercial offer other than the Price Bid, shall not be entertained. Unsolicited discounts received after opening of techno-commercial bids shall not be considered for evaluation.**

2.0 Unless specifically stated otherwise, bidder shall remit cost of tender and courier charges if applicable, in the form of Demand Draft drawn in favour of Bharat Heavy Electricals Ltd, payable at Power Sector Regional HQ at Nagpur issuing the Tender. ~~Bidder may also choose to deposit the Tender document cost by cash at the Cash Office as stated above against sl no iv of 1, on any working day.~~ Copy of ~~Cash receipt or~~ the proof of Demand Draft duly **digitally** signed is to be uploaded with the Techno Commercial offer **on e-tender portal <https://bhel.abcprocure.com>**. However Original Demand Draft shall be sent to the officer inviting tender within a reasonable time failing which the offer is liable to be rejected. ~~Sale of tender Documents shall not take place on National Holidays, holidays declared by Central or State Governments and BHEL PS HQ at _____, Sundays and second/ last Saturdays.~~

3.0 E-Procurement Portal Inputs

Procedure for Submission of Offer for E – Tender

Procedure for Submission of Tender is available in the “Bidder Manual for BHEL Bidders” at E-tender portal <https://bhel.abcprocure.com>. Terms and conditions mentioned therein shall form integral part of the NIT and bidders shall abide by the same.

i. Hardware and Software requirements for participating in e-tender

- ❖ Please refer the website for the minimum system requirements and setting document for Bidders under the link:
<https://bhel.abcprocure.com>

ii. **Digital Signature**

- ❖ To know the procedure for obtaining Digital Signature Certificate (DSC), suppliers who are not having the DSC are advised to visit our website <http://www.bhel.com/home.php> → Tender Notifications → Sample Checklist.

iii. **M/s E-Procurement Technologies Limited Helpdesk Contacts**

During normal business hours, helpline maintained by the service provider e-Procurement Technologies Limited is available for clarifying any doubts of supplier/s. Helpline numbers are cited below:

- ❖ Mr. Swapnil Hamilton, Support Executive, Ph: +91 7940270549, e-mail ID: swapnil.h@eptl.in
- ❖ Mr. Hardik Oza, Support Executive, Ph: +91 7940270560, e-mail ID: hardik.oza@eptl.in
- ❖ Mr. Ankur Bhatt, Support Executive, Ph: +91 7940270590, e-mail ID: ankur.bhatt@eptl.in
- ❖ Mr. Prashant, Asst. Manager – Implementation & Support, Ph: +91 7940270545, e-mail ID: prashant@eptl.in

iv. **Note**

- i. Offers/tenders submitted in the E-tender portal shall only be considered for further evaluation. Offers sent by FAX / E-mail / any mode other than E-tender would not be entertained.

The Tenderers must submit their Tenders, as detailed below:

- ❖ PART-I consisting of 'PART-I A (Techno Commercial Bid)' & 'PART-I B (EMD/COST of TENDER)'
- ❖ PART-II (Price Bid)

SPECIAL NOTE: All documents/ annexures to be submitted should be uploaded in respective places in the E-Tender portal as per the list mentioned given in this NIT. BHEL shall not be responsible for in-complete documents.

- 4.0 No Deviation with respect to tender clauses and no additional clauses/ suggestions/ clarification in Techno-commercial bid/ Price bid shall normally be considered by BHEL. Bidders are requested to positively comply with the same.
- 5.0 BHEL reserve the right to accept or reject any or all offer without assigning any reasons thereof. BHEL also reserve the right to cancel the tender wholly or partly without assigning any reason thereof. Also BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD). However, BHEL may communicate rejection to the unsuccessful bidder after award of work and acceptance by the successful bidder.
- 6.0 Bidders must visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation etc before quoting for this tender. They may also consult this office before submitting their offers, for any clarifications regarding scope of work, facilities available at sites or on terms and conditions. No additional claim shall be entertained by BHEL in future, on account of non-acquaintance of above.
- 7.0 For any clarification on the tender document, the bidder may seek the same in writing or through e-mail or **through E-tender Portal**, as per specified format, within the scheduled date for seeking clarification, from the

office of the undersigned. BHEL shall not be responsible for receipt of queries after due date of seeking clarification due to postal delay or any other delays. Any clarification / query received after last date for seeking clarification may not be normally entertained by BHEL and no time extension will be given.

- 8.0 BHEL may decide holding of pre-bid discussion [PBD] with all intending bidders as per date indicated in the NIT. The bidder shall ensure participation for the same at the appointed time, date and place as may be decided by BHEL. Bidders shall plan their visit accordingly. The outcome of pre-bid discussion (PBD) shall also form part of tender.
- 9.0 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 in writing for clarification before due date of seeking clarification (whichever is applicable), otherwise, interpretation by BHEL shall prevail. Any typing error/missing pages/ other clerical errors in the tender documents, noticed must be pointed out before pre-bid meeting/submission of offer; else BHEL's interpretation shall prevail.
- 10.0 Unless specifically mentioned otherwise, bidder's quoted price shall deemed to be in compliance with tender including PBD, if any.
- 11.0 Bidders shall submit Integrity Pact Agreement (Duly digitally signed by authorized signatory who signs in the offer), if applicable, along with techno-commercial bid. This pact shall be considered as a preliminary qualification for further participation. Detail of Independent External Monitor (IEM) for the subject tender is furnished above.
- 12.0 The Price Bids of only those bidders will be opened who will be qualified for the subject job on the basis of evaluation on pre-qualification criteria/ techno-commercial bids, approval/ acceptance of customer (as applicable), etc. BHEL's decision in this regard shall be final & binding. BHEL also reserve the right to reject bidder with unsatisfactory past performance in execution of a contract. BHEL reserves the right not to consider offers of parties under HOLD. BHEL's decision in this regard shall be final & binding.
- 13.0 Tenders must adhere to all volumes of tender and quote accordingly. Any terms & conditions not covered in SCC, will be governed by GCC.
- 14.0 Validity of the offer shall be for six months from the latest due date of offer submission or specified otherwise in GCC/SCC of tender.
- 15.0 BHEL reserves the right to decide the successful bidder on the basis of Reverse Auction process. In such case all qualified bidders will be intimated regarding procedure/ modality for Reverse Auction process prior to Reverse Auction and price will be decided as per the rules for Reverse Auction. However, if reverse auction process is unsuccessful as defined in the RA rules/procedures, or for whatsoever reason, then the sealed 'PRICE BIDS' will be opened for deciding the successful bidder. BHEL's decision in this regard will be final and binding on bidder.
- 16.0 On submission of offer, further consideration will be subject to compliance to tender & qualifying requirement and customer's acceptance, as applicable.

- 17.0 In case the bidder is an “Indian Agent of Foreign Principals”, ‘Agency agreement has to be submitted along with Bid, detailing the role of the agent along with the terms of payment for agency commission in INR, along with supporting documents.
- 18.0 The bidders shall not enter into any undisclosed M.O.U. or any understanding amongst themselves with respect to tender.
- 19.0 The bidder shall submit/upload documents in support of possession of ‘Qualifying Requirements’ duly self-certified and stamped by the authorized signatory (through Digital Signature), as per the format for PQR. In case BHEL requires any other documents/proofs, these shall be submitted immediately.
- 20.0 The bidder may have to produce original document for verification if so decided by BHEL.
- 21.0 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:
- a. Amendments/Clarifications/Corrigenda/Errata etc issued in respect of the tender documents by BHEL
 - b. Notice Inviting Tender (NIT)
 - c. Price Bid – Volume - II
 - d. Techno-Comm – Compliance – Volume - I C
 - e. Technical Conditions of Contract (TCC) - Volume- I A
 - f. General Conditions of Contract (GCC) - Volume- I B

It may please be noted that guidelines/rules in respect of suspension of business dealings’, ‘Vendor evaluation format’, ‘Quality, Safety & HSE guidelines’, etc may undergo change from time to time and the latest one shall be followed.

For BHARAT HEAVY ELECTRICALS LTD
(AGM Pur)

IMPORTANT INFORMATION

All correspondences regarding this tender shall be addressed to AGM / PURCHASE BHEL PSWR through BHEL e-procurement portal only. Following are the concerned BHEL officials to whom bidders can contact in case of any difficulty:

- ❖ AGM Purchase, Email id: prchiwarkar@bhel.in. Ph: +91 – 712 – 3048633
- ❖ Sr. Engineer Purchase, Email: pragati.tigga@bhel.in Ph: +91-712-3048735
- ❖ Sr. Engineer Purchase, Email id: kabhi@bhel.in , Ph: +91 – 712 – 3048704
- ❖ Sr. Engineer Purchase, Email: sk@bhel.in, Ph: +91 – 712 – 3048635
- ❖ Dy. Engineer Purchase, Email: arti.hote@bhel.in, Ph: +91 – 712 – 3048636

1. Guidelines for Suspension of Business Dealings with Suppliers/ Contractors

The offers of the bidders who are under suspension as also the offers 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.

1.0 Integrity commitment, performance of the contract and punitive action thereof:**1.1 Commitment by BHEL:**

BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.

1.2 Commitment by Bidder/ Supplier/ Contractor:

1.2.1 The bidder/ supplier/ contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.

1.2.2 The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.

1.2.3 The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL. If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on www.bhel.com and/or under applicable legal provisions.

Suspension of Business Dealings

- ❖ It may please be noted that guidelines/rules in respect of suspension of business dealings', 'Vendor evaluation format' etc may undergo change from time to time and the latest one shall be followed.

- ❖ 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 ---> Tender Notification - List of Banned Firms).
- ❖ Abridged version of the extant 'Guidelines for suspension of business dealings with suppliers/ contractors' has been uploaded on www.bhel.com on "supplier registration page" at the following link:
http://www.bhel.com/vender_registration/pdf/Suspension-of-Business-Dealings-with-Supplier-issued-Sept13_abridged.pdf

2. All Statutory Requirements as applicable for this project shall be complied with

3. BHEL Fraud Prevention Policy

"The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as so on as it comes to their notice."

4. The language in the tender documents downloaded by the Bidders shall at no point of time be changed, altered or modified in any manner by the Tenderer. If such changes are made by any tenderer, it shall be considered as tampering with BHEL's terms and the offer shall be summarily rejected, whenever it is noticed by BHEL. Such Bidders would be disqualified from the Bidding Process and their offers would be forfeited / Bank Guarantees invoked. They would also not be allowed to take part in future tenders of BHEL

5. Performance Bank Guarantee

Where ever so required, the Supplier shall arrange to provide a Performance bank guarantee (PBG). The indigenous suppliers have to provide the PBG from any one of the Nationalized Banks, listed in the tender terms. However, the PBG shall be confirmed by any of the Bankers listed by us. The PBG shall guarantee the performance of the equipment / materials / items supplied and shall cover the guarantee period. The PBG shall have a claim period of 3 months in addition to the guarantee period. In the event of failure of the supplies made within the guarantee period, BHEL would encash the entire PBG. The PBG shall be for a value of 10% of the Purchase order.

The supplier (/s) has to get the PBG format (pre-printed) from BHEL and get the same stamped by the Banker. Change of PBG terms either by the supplier's Banker or by the supplier, after servicing of the order is not acceptable. Similarly, PBG prepared by the supplier (typed by them) will also not be acceptable to BHEL. The pre-printed form issued by BHEL shall be used for making the PBG.

Acceptance of Bank Guarantee (BG) / Performance Bank Guarantee issued by:

- a. Any of the BHEL consortium bank listed below:

➤ Nationalised Banks Nationalised Banks

- ❖ Allahabad bank
- ❖ Andhra bank
- ❖ Bank of Baroda
- ❖ Canara Bank
- ❖ Corporation bank
- ❖ Central bank
- ❖ Indian Bank

- ❖ Indian Overseas Bank
- ❖ Oriental bank of Commerce
- ❖ Punjab National Bank
- ❖ Punjab & Sindh Bank
- ❖ State Bank of India
- ❖ State Bank of Hyderabad
- ❖ Syndicate Bank
- ❖ State Bank of Travancore
- ❖ UCO Bank
- ❖ Union Bank of India
- ❖ United Bank of India
- ❖ Vijaya Bank
- **Public Sector Banks**
 - ❖ IDBI
- **Foreign banks**
 - ❖ CITI Bank N.A
 - ❖ Deutsche Bank AG
 - ❖ The Hongkong and Shanghai Banking Corporation Limited
 - ❖ Standard Chartered Bank
 - ❖ J P Morgan
- **Private Banks**
 - ❖ Axis Bank
 - ❖ The Federal Bank Limited
 - ❖ HDFC
 - ❖ Kotak Mahindra Bank
 - ❖ ICICI
 - ❖ Indusind Bank
 - ❖ Yes Bank

- b. Any public sector Bank (other than consortium banks) with a clause in the text of Bank Guarantee that it is enforceable at Nagpur, Maharashtra
- c. Any private sector banks, with a clause in the text of Bank Guarantee that it is enforceable by being presented at any branch of the bank

Note: "Bank Guarantees issued by Co-operative Banks are not acceptable".

- d. This PBG clause is a general clause and valid wherever BG (Bank Guarantee) / PBG (Performance Bank Guarantee) / CEBG (Contract Execution Bank Guarantee) is applicable

6. Reverse Auction Terms & Conditions

BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA (*as per Vol-IC Techno-commercial Compliance in e-portal*). Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

As a reminder to the bidders, system will flash following message (in RED color) during the course of 'online sealed bid':

"Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL"

Note:- In case the tender is an e-tender and bids are submitted on e-procurement portal of BHEL → <https://bhel.abcpurchase.com>, the term 'envelope sealed bid' to be read as "price bid in e-procurement portal".

7. MSE Vendors:

Micro & Small Enterprises (MSE) is exempted from Payment of Tender Fees (as in SI No 1 viii of NIT) and Earnest Money deposit (EMD) (as in SI No 1 vii of NIT)

To avail this benefit, participating MSEs should be registered with District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or Udyog Aadhaar Memorandum or any other body specified by Ministry of Micro Small and Medium Enterprises.

MSE bidders can avail the above benefits only if they submit along with offer, attested copies of either **EM II** certificate having deemed validity (5 years from the date of issue of acknowledgement in EM II) or valid **NSIC certificate** or EM II certificate along with CA certificate (Format enclosed as per **MSE Annex** of NIT "Important Information") applicable for the year, certifying quantum of investment in plant & machinery within the permissible limits as per the act for relevant status (Micro or Small) where the deemed validity will be the last date of technical bid submission.

Note: Non submission of said documents by bidders will lead to consideration of their bids at par with other bidders in terms of EMD & cost of tender.

MSE Annex**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 on date _____ as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery (Le. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5,2006 :

Rs _____ Lakhs

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 _____ Lakhs

The above investment of Rs _____ Lakhs is within permissible limit of Rs _____ Lakhs 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

I. Pre-Qualification Criteria (PQR)

Bidder shall essentially meet all the Qualifying Requirements cited below:

A Technical:

Bidder must have supplied 25 MT of Ammoniated EDTA in the last Two (2) years as on latest date of bid submission to any Government, Semi Government/ or any Customer.

B Financial Turnover

Bidders must have achieved an average annual financial turnover (Audited) of Rs. 75 Lakhs or more, over the last three Financial Years (FY) i.e. '2014-2015, 2015-16, 2016-2017'.

C Price Bid Opening

Price bids of those bidders who stand qualified subsequent to the compliance of PQR criteria A and B shall be opened.

Explanatory Notes for PQR

- i. 'Supplied' in QR - A means bidder should have delivered the Ammoniated EDTA. Bidder shall submit the relevant documents against the above PQRs inclusive of Purchase order (wherein PO no., date, PO Value etc. is legible) along with proof of supply (i.e. - Completion Certificate/ Copy of Invoices / LR Copies/ Store Receipt Vouchers/ Payment Advice etc.) in the respective attachments in their offer in support of PQR.
- ii. Bidder to submit Audited Balance Sheet and Profit and Loss Account for the respective years as indicated against Financial Turnover QR above along with all annexures
- iii. In case of audited Financial statements have not been submitted for all the three years as indicated against Financial Turnover QR above, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years i.e. total divided by three
- iv. If financial statements are not required to be audited statutorily, then instead of audited financial statements, financial statements are required to be certified by Chartered Accountant
- v. Consortium bidding is not allowed
- vi. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.
- vii. **Credentials furnished by the bidder against "PRE QUALIFYING CRITERIA" shall be verified from the issuing authority for its authenticity. In case, any credential (s) is/are found to be spurious, offer of the bidder is liable to be rejected and BHEL reserves the right to initiate any further action as per its internal guidelines.**

II. Technical Specifications – Ammoniated EDTA

A. NOTE FOR SUPPLY OF AMMONIATED EDTA:

- I. Material shall be delivered in SS tankers taking care of safety precautions.
- II. Vendor will be required to test active EDTA content first by following the procedure detailed below before giving inspection call. BHEL representative will visit vendor's works and witness the test for active EDTA content in the bulk quantity before giving dispatch clearance. All necessary arrangements to carry out the test at vendor works are to be made by bidder before giving inspection call as per attached specifications.
Sample of EDTA supplied at site shall be once again tested before final acceptance. All tests will be carried out as per the stated procedure.
- III. Test certificate, guarantee certificate to be furnished along with the supply. Test certificate mentioning shelf life to be furnished by the supplier with the material.
- IV. Inspection will be carried out at the manufacturing facility of the bidder (Please note Inspection/Dispatch raised for elsewhere destination which does not belong to bidder shall be treated as violation of Tender condition and Order shall stand cancelled therein). Subletting is strictly restricted for EDTA.
- V. **Inspection shall be carried out both at supplier's end as well as at site. Supplier has to depute chemist at site for testing purpose.**

B. 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 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 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 color 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 x10]/Sp gr.

C. 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
Weight accurately 32.23 g of $\text{ZrOCl}_2 \cdot 8\text{H}_2\text{O}$ 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)

III. Techno – Commercial Terms and Conditions:

1. Tenders beyond the scheduled due time cannot be submitted by the bidders in the e-procurement portal.
2. Offer must be submitted in **Two-Part Bid only** i.e. techno-commercial bid and price bid separately. Single bid offer shall be liable for rejection.
3. No Consortium bidding is allowed for the subject tender.
4. Part offer shall be rejected i.e. bidder must quote for the total quantity as per Enquiry.
5. **Price:** Bidders should quote the prices in the Volume – II - Price Bid in e-portal
6. **Evaluation criteria –**
 - a. Price bids of the techno-commercially acceptable offers shall be opened for Price Evaluation.
 - b. Evaluation shall be carried out on Total Lumpsum basis. Conditional offers will not be considered.
 - c. Tenders will be evaluated on the basis of delivered cost as a total package basis, i.e. total cost to the BHEL, taking into consideration loadings, if any, and all available financial advantages, including those available from Owner, taxation authorities etc. (i.e. Credit of GST).
7. EDTA will be procured from the single supplier. Complete quantity will be procured from only one supplier. Hence MSE preference may not be provided for this tender.
8. **Material Dispatched Clearance Certificate (MDCC):** Supplier should supply/dispatch the material after receiving clearance from BHEL PSWR project site.
9. Chemicals will be accepted only if accompanied by “Material Test Certificate” of manufacturer / ITA Lab in accordance with relevant IS Code. Tenderer should agree for compliance.
10. All chemicals should be supplied with MSDS (Material Safety Data Sheet). Chemicals without MSDS will not be accepted.
11. **Validity of Price:** Price submitted shall be valid for (a) **3 (three)** Months from the date of opening of technical bid for the finalization of the tendering processes **and** (b) till the supply of full quantity of chemicals against MDCC's (Material Dispatch Clearance Certificate) issued by BHEL site within the validity of the purchase order. Price Variation Clause (PVC) is not applicable against this tender enquiry.
12. **Delivery Terms:** Suppliers shall quote the rates on F.O.R. Destination basis only. Offers other than F.O.R. Destination Basis will not be accepted by BHEL.
13. **Delivery Destination:** The Destination address is as below:

Name & Address :	Site Name
Sold to Party & Ship to Party	<u>For BTPS Manuguru Site:</u> Construction Manager, 4X270 MW Bhadradi TPS, Village-Ramanujawaram, Post-Manuguru, Distt.-Bhadradi, Kothagudem, PIN – 507117, Telangana
	<u>For RFCL Ramagundam Site:</u> Construction Manager Ramagundam Fertilisers and Chemicals limited (RFCL) Fertilisers City, Mandal-Ramagundam, Dist-Peddapalli, Telangana-505210

14. **Delivery Schedule:** The tentative delivery schedule of Ammoniated EDTA is as below:

Site Name	Item Descriptions	Unit	LOT-1	LOT-2	LOT-3	LOT-4	Total Qty.	Delivery Schedule
BTPS Manuguru	AMMONIATED EDTA (Minimum 40% wt/wt as active EDTA, pH=9.4 to 9.8 Sp gr.:1.18 Colour:Straw Yellow; Completely Mixable in Water)	MT	27	27	27	27	108	Within 4 weeks from the date intimation from BHEL/Project Site.
RFCL Ramagundam		MT	7	-	-	-	7	

Note: Material shall be dispatched only after obtaining dispatch clearance from BHEL/Project Sites. Entire ordered quantity shall be supplied to BHEL site at the ordered rate as mentioned in the P.O. The tentative delivery requirement of the above mentioned chemicals are as below. This delivery schedule cited is only reference and may vary as per the then site requirements. Supply shall have to comply with the above referred clause.

LOTs	BTPS Manuguru	RFCL, Ramagundam
LOT-1	Sept'18	July'18
LOT-2	Nov'18	-
LOT-3	Jan'19	-
LOT-4	Mar'19	-

15. **Transit Insurance:** Transit insurance from supplier's works/warehouse to BHEL site stores shall be in scope of Supplier.

16. **Payment Terms:**

- ◆ 100% payment of Supply value shall be made within 45 days from the date of receipt of material at destination and on submission of Invoice along with complete set of requisite documents to BHEL-PSWR Hqr., Nagpur.

❖ **Documents required for payment:**

- GST Compliant Tax Invoice
- Copy of Test Certificate confirmation of shelf life of EDTA
- Copy Inspection clearance certificate
- Stores Receipt Voucher (issued by consignee/BHEL site office)

◆ Applicable GST shall be released upon compliance of following documents:

- a) Vendor declaring such Invoice in their GSTR-1
- b) Confirmation of payment of GST thereon by vendor by submitting acknowledgement/copy of GSTR-3
- c) Aforesaid GST payment is subject to receipt of goods (Material Receipt Certificate-MRC) and tax invoice by BHEL thereof

◆ Bank details endorsed (signed & stamped) by bank for release of payment through RTGS/EFT (format shall be made available at the time of releasing PO)

Note: For indigenous suppliers, if the documents are routed through Bank, then all bank charges will be to vendor's account.

◆ Paying Authority shall be **respective sites i.e. BTPS Manuguru & RFCL Ramagundam** and invoices with supporting documents shall be addressed to the following address

<u>For BTPS Manuguru Site</u>	<u>For RFCL Ramagundam</u>
Construction Manager, 4X270 MW Bhadradi TPS, Village-Ramanujawaram, Post-Manuguru, Distt.-Bhadradi, Kothagudem, PIN – 507117, Telangana	Construction Manager Ramagundam Fertilisers and Chemicals limited (RFCL) Fertilisers City, Mandal-Ramagundam, Dist - Peddapalli, Telangana-505210

17. For any deviation sought in Payment terms by bidder w.r.t. payment term, following loading shall be followed during evaluation of price bids:

- ❖ Base rate of State Bank of India (SBI) (as applicable on the date of bid opening; Techno-commercial bid opening in case of two part bids) + 6%; shall be considered for loading for the period of relaxation sought by bidders.

18. **Liquidated Damages/Penalty:**

- ❖ LD shall be 0.5 % of basic value of the undelivered portion per week of delay or part thereof subject to a maximum of 10% of the total order value (i.e. excluding elements of taxes, duties, freight etc.)
- ❖ In case bidder is not accepting the penalty clause for delayed supply, the offer of bidder shall be loaded to the extent to which it is not agreed by the bidder during price bid evaluation.

19. BHEL reserve the right to cancel the Contract in case of delay in delivery of material by vendor and failure to comply with quality requirements. BHEL also reserves the right to place the order on the other bidder who has taken part in this tender, subject to his compliance of procedures of BHEL in terms of price.
20. **Short Closure**: BHEL may short close the contract at any stage without assigning any reasons.

IV. Instructions for filling the Price Bid

1. Bidders shall quote the prices in Volume – II - Price Bid in the E-Procurement Portal. Other papers or documents along with the price bid inscribing the rates of material shall be liable for rejection.
2. Price Bid will consist of requirements of both the Sites i.e. BTPS Manuguru, Telangana and RFCL, Ramagundam, Telangana.
3. Price shall be inclusive of Packaging and Forwarding charges, Freight and Transit Insurance charges.
4. Transit Insurance is in the scope of Supplier.