

TENDER

Volume – IA: Technical Bid

E - Tender No: 1908184 Date 05-02-2020 comprising of following:

Salient Details of NIT		
S. No.	Issue	Description
1.	Job	Supply, Erection & commissioning services for completion of balance works in Condensate Polishing Unit (CPU) at R&M of 210 MW Unit #6 Koradi TPS
2.	E - Tender No	1908184
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-Comm1 - Compliance Sheet in E-Procurement portal
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: 15-02-2020 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 : 15-02-2020 Time : 15:30 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.	EMD Amount	Not Applicable
9.	Schedule Of Pre-Bid Discussion	Not Applicable
10.	Last Date of	14-02-2020

Salient Details of NIT		
	Seeking Clarification	Along with soft version also, addressing to undersigned & to others as per contact address given below. Bidders may consider to seek clarifications on the e-tender portal--- https://bhel.abcprocure.com
11.	Integrity Pact & Details of Independent External Monitor (IEM)	Not Applicable
12.	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.abcpocure.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 format enclosed in **Vol-IC Techno-commercial Compliance***). 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.abcprocure.com>, the term 'envelope sealed bid' to be read as "price bid in e-procurement portal".

7. ~~**Earnest Money Deposit (EMD):** Refundable, Non interest bearing Earnest Money Deposit (EMD) of **Rs. 40,000/-** (Rupees Forty Thousand only) is applicable for this Enquiry. EMD can be deposited in any one of the following methods along with the technical bid, failing which bidder's offer is liable for rejection.~~

Modes of Deposit

- ~~❖ Cash Deposit as permissible under the extant Income Tax Act (before tender opening)~~
- ~~❖ Banker's Cheque/ Pay Order/ Demand Draft, in favour of Bharat Heavy Electricals Ltd, payable at Nagpur (along with offer)~~

~~❖ E~~

Name of the company	Bharat Heavy Electricals Ltd
Address of the company	Shree Mohini Complex 345, Kingsway, Nagpur - 440001
Name of Bank	State Bank Of India
Name of Bank Branch and Branch Code	SBI, Kingsway Branch, Branch Code-00432
City	Nagpur
Account number	31380025872
Account type	Current A/C
IFSC code of the bank branch	SBIN0000432
MICR code of the bank branch	440002002

Fund Transfer credited in BHEL PSWR, Nagpur account (before tender opening); Bank account details of BHEL PSWR is cited below for EMD remittance purpose.

~~❖—No other form of EMD remittance shall be acceptable to BHEL.~~

Procedure for Earnest Money Deposit		
Mode of Submission	Proof of EMD along with the offer	Submission of EMD to BHEL PSWR
❖—DD/Pay Order	Scan Copy has to be uploaded in E-Portal	Original DD/ Pay Order to be couriered to BHEL PSWR, Nagpur before tender opening
❖—EFT	Receipt of Amount Transferred to BHEL Account	
❖—Cash	Receipt of cash deposit at BHEL office	

Proof of Demand Draft/ Pay Order or receipt of Electronic Fund Transfer duly **digitally** signed is to be uploaded with the Techno-Commercial offer **on e-tender portal <https://bhel.abcprocure.com>**

~~In case, bidder wishes to furnish EMD in Demand Draft/ Pay Order mode, Original Demand Draft/ Pay Order shall be sent to the officer inviting tender within a reasonable time failing which the offer is liable to be rejected.~~

~~EMD given by all unsuccessful Tenderers shall be refunded on acceptance of award / LOI/PO by successful Tenderer. The EMD of successful bidder shall be returned after submission of Performance Bank Guarantee (PBG) or Contract Execution Bank Guarantee (CEBG), as the case may be.~~

~~EMD by the Tenderer will be forfeited as per NIT conditions, if after opening and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.~~

~~EMD by the tenderer shall be withheld in case any action on the tenderer is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these extant guidelines.~~

8. 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)

A Technical

The Bidders should have executed following in the last 5 years ending on the 'latest date of Bid Submission' of Tender.:

Executed minimum 1 No RESIN based Demineralization (DM) Plant or Condensate Polishing Unit (CPU) system in a power / industrial / infrastructure project.

B Financial Turnover

Bidders must have achieved an average annual financial turnover (Audited) of **Rs. 46 Lakhs** or more, over the last three Financial Years (FY) i.e. '2016-2017, 2017-2018, 2018-2019'.

Explanatory Notes for PQR

- i. The word 'EXECUTED' means achievement of successful commissioning of RESIN based SAC, SBA, MB vessels and operation of DM or CPU system for 1 full cycle of system operation, through PLC. Bidder shall submit the relevant documents against the above PQRs inclusive of Purchase order (wherein PO no., date, etc. is legible) along with proof of execution of said job(i.e. - Completion Certificate/ commissioning report /or any other supporting document 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. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT.
- vi. **Relaxation in Pre-Qualifying Requirement (PQR) for Micro and Small Enterprises (MSE's) and Startups:**
 - (a) Technical Pre Qualifying Requirement (PQR) for prior experience:
The technical pre-qualifying requirements, is relaxed by 50% (quantities or amount) of the original Pre -Qualifying Requirement specified in the tender (round off to the higher limit or number. Further, if the required quantity as per Original PQR is only one (1), then relaxed PQR shall also remain the same, since quantity is non-divisible in this case.)
 - (b) Financial Pre Qualifying Requirement (PQR) including Turnover: The financial pre-qualifying requirements is relaxed by 50% of the original Pre -Qualifying Requirement specified in the tender.
 - (c) Other Pre-Qualifying requirements such as Machineries, BIS, or any form of licenses or customer approval or requirements other than stated in **Point no. (a) and (b)** above, shall remain the same for all bidders.

- (d) Definition of startup shall be in line with Gazette notification No DL 33004/99 dated 19.02.2019 and subsequent amendments, if any.

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 – Condensate Polishing Unit (CPU)

1. PID, list of major equipments (approved supply BBU excluding Spare part), PLC BOM and control philosophy and few site photos about erected items are enclosed for reference only. Bidder may arrange site visit in order to familiarize themselves with existing condition of site before submitting the bid in order to make their offer complete.
2. Major System has been erected in mechanical part and electrical part cable termination, testing and C&I part all work including PLC commissioning is balance. Agency to consider all rotary part grouting and alignment work as well as general servicing, cleaning, OIL replacement, motor greasing is to be done. All drives/ MOTOR were erected and meagre/IR test etc is to be considered. Any Motor repair/replacement is in agency part of work.
3. All balance supply is to be arranged as per approved datasheet and after MDCC from BHEL. Supply BBU with AQUADESIGN. Material received and balance for supply is enclosed. BBU List is just for information and Any NON BBU item like pipes, fittings, fasteners, lugs, glands shall be in agency scope. After award of work agency to check all material and submit report about same along with BBU proposal for SUPPLY as well as for E&C payments.
4. BBU items received are assumed to be available and healthy in condition. Any missing parts in received BBU items shall be in BHEL scope and any defective parts servicing and making it healthiness shall be in agency scope.
5. Vessels erected are empty and to be filled with RESIN for commissioning.
6. All types of piping i.e MS, CS, SS, CPVC, HDPE etc involved in CPU is to be completed as per approved PID. Terminal points shall be as per PID and piping layout. Shortages in piping material, fittings consumables supply for balance work shall be in agency scope. Cleaning, flushing, and making leak-proof of all piping work (erected earlier and any new erection) shall be part of balance work.
7. All instruments erection is balance and to be erected with calibration if applicable. Agency to consider handling, erection and commissioning assistance for all analyzer for which they have to engage OEM as per requirement. Any chemical reagent shall be part of agency scope.
8. For PLC, major cable laying only completed However, termination, HOT /COLD loop checking, software installation, **license /dongle**, simulation, and PLC demonstration shall be in agency scope. Approved control philosophy and logic diagram is available however any modification in logics for successful demonstration shall be in agency scope. It is assumed that all hardware part is healthy and any card failure/replacement or any missing part, testing damages and spares, material replacement is not considered in balance work.
9. As a part of commissioning work, agency to considerer all miscellaneous activities like arresting leakages in existing system from flange joints or welding joints. All Filter cleaning is part of agency work. Any miscellaneous support work for piping up to 1.5 Ton structure work (steel excluded) including supply of gasket, O rings, U clamps will be in agency scope. All piping has been painted earlier however agency to consider supply and application of 1 coat of finish paint for MS/CS pipe and tanks. Equipment Nomenclature, flow direction painting is in agency scope as per applicable painting schedule.
10. CPU involves RESIN filling and its regeneration with necessary chemicals. Acid and alkali is in not in scope of agency and shall be provided by customer as per approved PID. RESIN supply has been done around 2 years back and system performance on account of defect/problem in RESIN only will be out of agency scope.
11. After TRIAL operation, Punch points shall be jointly prepared with BHEL/customer. Agency shall attend points attributable to their workmanship and general in nature. Any punch points involving valves replacement, equipment replacement or spares requirement for erection material requirement shall be in BHEL scope if it is

not attributable to agency. T&P, consumables, labors shall be in agency scope to arrange completion of these punch points.

12. It shall be agency responsibility to follow highest quality standards for work and guarantee for workmanship shall be applicable. **Guarantee period completion shall be 12 months from date of successful commissioning.**
13. All chemicals arrangement/supply (supply of acid & alkali is excluded), handling, preparation and dosing to achieve process parameter is in agency scope. Process parameters testing (offline testing) evaluation and identifying root cause for any deviation in output is in agency scope. Any expert arrangement/consultation etc. for same shall be in agency scope. After initial pre commissioning and satisfactory readiness of all sub systems (i.e process readiness as per requirement for long term use) along with PLC readiness system shall be RUN for 15 days of TRIAL period to witness it to BHEL/customer.
14. During TRIAL period agency shall conduct the demonstration test to customer of CPU as per approved philosophy.
15. O&M of system after TRIAL run completion shall be handed over to Customer.
16. Considering nature of work, time period estimated for balance SUPPLY+E&C and TRIAL operation completion /Demonstration test conductance is **6 months**. Time period for work completion may increase as per time taken for resolution of each issue/activity by agency and interference issues involved..
17. **PVC** : Not applicable
18. **Overrun charges** : Not Applicable
19. **Construction Power:** BHEL shall provide construction power to suppliers Free Of Cost at one point. Further arrangements shall be carried out by supplier himself.
20. **Construction Water:** Water for construction free of cost.

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 preference for MSE shall not be applicable to this tender.

6. **Clause for Existing Contractors:**

*Existing Contractor to whom the subject work for Condensate Polishing Unit (CPU) package at R&M of 210 MW Unit #6 Koradi TPS has been awarded earlier by BHEL, shall not be eligible to quote against this tender”.

* Existing Contractor/Supplier will include:

i) In case existing contractor/supplier is The Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor.

ii) In case existing contractor/supplier is The Partnership Firm, any firm comprising of same partners/ some of the same partners (but not including any new partner); or sole proprietorship firm owned by any partner(s) as a sole proprietor.

7. **Price:** Bidders shall quote the prices in Volume – II - Price Bid section in the E-portal.
8. Agency to quote lump sum rate as per given in price schedule only. Percentage allocation for SUPPLY as well as E&C shall be 50 % each. Detailed Supply BBU and E&C BBU shall be approved later.
9. **Validity of offer: 6 (Six) Months** from the date of opening of technical bid (Part-I) .
10. **Evaluation criteria:**
 - a) Price bids of the Techno-Commercially acceptable offers shall be opened for Price Evaluation.
 - b) Evaluation on Lumpsum package basis. Tenders will be evaluated on the basis of delivered cost, 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)
11. **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. Refer Table –B for consignee details.
12. **Delivery Schedule:** As per Table-A

Delivery is the essence of the contract for BHEL. Offer deviating delivery schedule may be liable for rejection.

13. **Insurance:** Insurance is in BHEL's scope for total project supply and services of the package covering transit risk & loss, destruction or damage during handling at site, storage, civil works, erection , testing and commissioning upto trial operation completion of unit including theft , sabotage, fire, lightening and other natural calamities.

14. **Payment Terms:**

14.1 **For Supply:**

- ❖ 90% F.O.R. price excluding GST shall be released on pro-rata basis within 45 days after receipt & acceptance of material at site and submission of following documents:-
 - a) GST Complaint Invoice (1 Original + 2 copies)
 - b) MRC from BHEL's engineer
- ❖ Balance 10% of order value (Excluding GST) will be released after TRIAL operation completion and on submission of PBG (Performance Bank Guarantee) for 5% of the Total order value excluding taxes valid up to GUARANTY/WARRANTEE Period with additional claim period of 3 months after warranty, from any of the consortium banks of BHEL.

14.2 **For Services:**

- ❖ 80% payment (excluding GST) on pro-rata basis on BHEL 's engineer certification.
- ❖ 10% payment (excluding GST) on pro-rata basis after customer signed protocol for same activity.
- ❖ 10% payment (excluding GST) after Demonstration test acceptance.

14.3 **For GST:**

Applicable GST (on 100% F.O.R value) shall be released upon compliance of following:

Vendor has declared such Invoice in their GSTR-1 & has paid the tax to the Government by filing GSTR- 3B or any other return/form for payment of tax so that Vendor's invoice details appear in BHEL's GSTR-2A. Payment may not be released if above is not complied & invoice details do not appear in BHEL's GSTR-2A.

- 14.4 Performance Bank Guarantee document shall be furnished at BHEL PSWR HQ, Nagpur office.

- 14.5 All charges for establishing, confirmation and amending the BGs, if necessary, shall be to Vendor's account.

- 14.6 Bank details endorsed (signed & stamped) by bank for release of payment through RTGS/EFT (format shall be provided along with order)

- 14.7 Paying Authority shall be **BHEL PSWR Koradi site**. All payment related documents to be furnished to :

Construction Manager,
BHEL/PSWR Site Office,
C/o Chief Engineer Project ,
Koradi TPS, Unit#6
MAHAGENCO, Koradi,
Nagpur-441111
GST No: 27AAACB4146P1ZF

15. 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.

16. Liquidated Damages/Penalty:

- ❖ LD shall be 0.5% of the total order value (excluding taxes) per week of delay or part thereof subject to a maximum of 5% of the total order value (excluding Taxes). For this purpose, the period of delay shall be the delay attributable to the contractor for the completion of work as per contract.
- ❖ In case of LD recovery, the applicable GST shall also be recovered from vendor
- ❖ 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.

17. BHEL reserve the right to cancel the Contract in case of delay in delivery of the Equipment by supplier 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.

18. Bidder should have valid PAN. Relevant document in support of above shall be submitted

19. **Short Closure**: BHEL may short close the contract at any stage without assigning any reasons.

IV. Delivery Schedule & Destination Details

Table -A		
Delivery Schedule	Qty.	Buyer and Consignee Address (Ship to and Bill to)
Within 6 months from date of Purchase Order.	1 lumpsum.	Construction Manager, BHEL/PSWR Site Office, C/o Chief Engineer Project , Koradi TPS,Unit#6 MAHAGENCO, Koradi, Nagpur-441111 GST No: 27AAACB4146P1ZF

V. 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 shall be inclusive of all applicable charges (eg. Packaging and Forwarding charges, Freight and Transit Insurance charges etc.) except GST.
3. Quoted prices shall be exclusive of GST & GST Cess.
4. Transit Insurance is in the scope of BHEL.