



सत्यमेव जयते

GOVERNMENT OF INDIA

भारत सरकार

DEPARTMENT OF ATOMIC ENERGY

परमाणु ऊर्जा विभाग

UTILITIES (PROJECTS)

उपयोगिता अनुभाग (परियोजनाएं)

NUCLEAR FUEL COMPLEX

नाभिकीय ईंधन सम्मिश्र

NIT - PART A

GENERAL REQUIREMENTS FOR BIDDERS

Name of the work

नाईस, हैदराबाद में यांत्रिक, विद्युत और इंस्ट्रुमेंटेशन संबंधी कार्य सहित
एक विखनिजीकृत जल उपचार संयंत्र की इंजीनियरिंग, खरीद और
कमीशनिंग

Engineering, Procurement and Commissioning of a
Demineralized Water Treatment Plant including allied
Mechanical, Electrical & Instrumentation Works at NFC,
Hyderabad.



Utilities, 1st Floor,
PD & Utilities Building, Nuclear Fuel Complex, Hyderabad-500062
(Telangana)

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(Tender No: NFC/UTLS/EPC-DMP/NIT/2026/01)

A. Notice Inviting Tender (NIT)**1. Introduction**

Online item rate tenders (e-tendering) available in CPP Portal (URL:<https://eprocure.gov.in/eprocure/app>) in **TWO ENVELOPE SYSTEM** are invited on behalf of the President of India by **Deputy Chief Executive (Z, Melting, EPC, Utilities & Services)**, Nuclear Fuel Complex, Hyderabad – 500062, Ph: 040-27183482/040-27184366 from contractors having experience in similar works and enrolment in CPP Portal for the following work.

“Engineering, Procurement and Commissioning of a Demineralized Water Treatment Plant including allied Mechanical, Electrical & Instrumentation Works at NFC, Hyderabad.”

The estimated cost of the work is **₹ 5, 50, 00, 000/- (Rupees Five Crores & Fifty Lakhs only) inclusive of GST, ESI & EPF.**

2. Detailed Scope of Work & Specifications

The detailed scope of work and technical specifications shall broadly, but not exclusively, align with the provisions outlined in **PART B of the NIT document**. This section contains the comprehensive scope of work and detailed technical specifications for all components and systems necessary for execution of the subject work. It shall form the definitive basis for all design, engineering, supply, installation, testing, and commissioning activities under this contract. The scope shall further include all applicable specifications, terms and conditions, schedule of rates along with its preamble, and any subsequent amendments or addenda issued as part of the bidding documents.

3. Time Schedule

The time schedule for completion of work in all respects shall be **18 (Eighteen) calendar months** to be reckoned from the 15th day after the date of written orders to commence the work. ***The period shall include the monsoon period. The site is available to carry out the work.***

4. Fees Payable by the bidder

- i. **Cost of Tender Document:** Nil
- ii. **Transaction fee for Tender processing:** Nil
- iii. **Earnest Money Deposit (EMD):** The tender shall be accompanied by earnest money of **₹ 11, 00, 000/- (Rupees Eleven Lakhs Only)**.
 - a. EMD in original shall be submitted in the form of Demand Draft/Pay Orders/Banker's cheque/Deposit at Call receipt/FDR/Insurance surety Bonds of scheduled Bank issued in favour of **“Pay and Accounts Officer, NFC”** payable at

Hyderabad. **SSI/MSME/PSU are not exempted from submission of EMD. The payment of EMD can also be done through NTRP portal.**

- b. The copy of **EMD** as submitted shall be scanned and uploaded in the e-tendering website within the period of bid submission cut-off date and time.
 - c. Tender/Offer without valid **EMD** and fees, if any mentioned at **Sr. No. 4. i, 4. ii & 4. iii** above shall be summarily rejected.
 - d. **Original EMD** shall be submitted to **Office of General Manager (M-Zr, Utilities & Services), 1st floor, Utilities & PD Building, Nuclear Fuel Complex, Hyderabad-500062** along with other documents mentioned in **Sr.No.11** of this NIT. The documents & EMD shall be found in order for opening of Envelope failing which the offer will be rejected.
5. In case the contractor fails to commence the work specified in the tender document as per the time schedule mentioned, then the Government shall, without prejudice to any other right or remedy be at liberty to forfeit whole PG absolutely.
 6. Any queries on the tender may be sent to piydut@nfc.gov.in / ygandhi@nfc.gov.in for clarification.
 7. **Important dates**

Tender Document available on website for viewing and download	06.07.2026 at 0900 hours in the link given below https://eprocure.gov.in/eprocure/app
Site Visit Period for Eligible Applicants	Site visit shall be from 07.07.2026 to 25.07.2026. a. Applicants are advised to inspect and examine the site, explore the resources available and its surroundings and satisfy as to the nature of the ground and sub-soil (So far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. Applicant shall be deemed to have full knowledge of the site conditions whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise, shall be allowed at a later date. Qualification for Site Visit: Applicants who are apparently meeting the pre-qualification eligibility criteria as mentioned in this NIT shall only be allowed to visit site. For this purpose, applicant need to give prior intimation to the Engineer In-Charge,

	mentioning the intention of site visit, with details of persons visiting site to the mail piydut@nfc.gov.in & ygandhi@nfc.gov.in by above dates. The schedule of site visit with contact person details etc will be intimated through mail firms individually.
Submission of Pre-bid Queries by bidders	Pre-Bid queries shall be from 07.07.2026 to 28.07.2026 . Bidders to submit any queries/discrepancies observed in the tender by mail to piydut@nfc.gov.in / ygandhi@nfc.gov.in on or before 1600 hrs of 28.07.2026 in the format given in APPENDIX VIII to this document for clarifications during pre-bid meeting.
Pre-Bid meeting date & time	30.07.2026 at 1000 Hrs. Bidders are requested to submit the proof of tender downloading for participating in the pre bid meeting
Dates for online submission / uploading of offer duly filled in bid documents	Bid documents downloaded during tender availability shall be duly filled in and uploaded on line along with EMD details from 07.07.2026 to 25.08.2026 up to 1800 hrs.
Dates for submission of EMD in original & hard copies of proof of eligibility criteria etc (As per para 10.0)	07.07.2026 to 01.09.2026 up to 1400 hrs
Place of Submission of hard copies of original EMD & hard copies of proof of eligibility criteria	O/o General Manager (M-Zr, Utilities & SR); 1 st Floor, PD & Utilities Building, Nuclear Fuel Complex, Hyderabad-500062. Delayed offers due to Postal delay or any other reason whatsoever will not be considered.
Date and time of online opening of Envelope – I (Techno-Commercial Documents)	01.09.2026 at 1500 hrs at the office of General Manager (M-Zr, Utilities & SR); 1 st Floor, PD & Utilities Building, Nuclear Fuel Complex, Hyderabad-500062. Interested parties may participate in Tender Opening.
Date and time of online opening of Envelope – II (Price Bid)	To be intimated to the qualified bidders later on.
Bid Validity (For details, Refer Cl. 31.0)	The Bid shall be valid for a period of 180 (One hundred and eighty) days from the date of opening of tender (extended due date in case of time extension).
Contact Person of NFC for	Shri Piyush Dutta, Deputy Manager,

clarification/ information on tender	Utilities Ph: 040-27183482/4366/3691 during office hours. E-mail: piydut@nfc.gov.in / ygandhi@nfc.gov.in
Requirements for registration in CPP Portal for participation in e-tender of NFC	For registration, Digital signature of Class III (DSC) is required. Bidders shall register in CPP Portal.
Contact Person for e-tendering Process and registration.	Help / Assistance in process of tendering i.e., downloading, uploading of tender etc., will be extended through 24x7 help desk of CPP Portal or chat app available.

8. Bidder's Qualification Criteria (BQC)

The bidder must meet the following qualification criteria to be considered eligible for participating in the tender for the subject work.

8.1. Technical Experience Criteria

The bidder shall submit work orders / purchase orders along with corresponding completion certificates issued by competent authorities of the respective departments for having successfully executed similar works, as defined below, within the last **Ten (10)** years ending on the last day of the month preceding the month in which the tender is invited. The following section outlines the bidder's requirement criteria in detail.

- I. **Similar Work:** Supply and commissioning of DM Water Treatment Plant meeting the following conditions:
 - a. The DM plant shall have a minimum total treated water rated/design capacity of **20 m³/hr** with conductivity not exceeding **0.5 µS/cm** and shall mandatorily include Mixed Bed Exchangers or Electrodeionization (EDI) as part of the process.
- II. **Value of referenced Work order/Purchase order:** The relevant work order(s) or purchase order(s) must be submitted meeting any one of the following criteria
 - a. **Three (03)** WO/PO each of final executed value not less than **40%** of estimated cost i.e., **₹ 2.20 Crores** /-
 - b. **Two (02)** WO/PO each of final executed value not less than **60%** of estimated cost i.e., **₹ 3.30 Crores** /-
 - c. **One (01)** WO/PO each of final executed value not less than **80%** of estimated cost i.e., **₹ 4.40 Crores** /-

*N.B.: The value of executed work will be brought to the current costing level by enhancing the actual value of work at **simple rate of 7% per annum** to be calculated from the date of completion to the last date of receipt of tender as mentioned in NIT. The cost of materials supplied free of cost by the Client, shall be excluded in value of order.*

III. General Requirements:

- a. The bidder must be an **ISO 9001 certified** Original Equipment Manufacturer of DM plants or various types of Water treatment plants

IV. Documentary Evidence Requirements: The following documents must be submitted by the bidder along with the technical bid as a compliance to above clause I, II & III.

- a. Copy of Priced Work Orders(s)/Purchase Orders(s) along with detailed technical specifications for the reference similar work.
- b. Work Completion Certificate issued by the end-user corresponding to the referenced submitted orders.
- c. OEM certifications for design and manufacturing of water treatment plants.
- d. Valid ISO 9001 Certificate of the bidder.

Note:

- i. NFC reserves the right to verify and assess the credentials and past performance of the bidder based on the documents and information submitted. This assessment may include reference checks, technical discussions, or any other form of verification deemed necessary by NFC.
- ii. In case NFC decides to conduct a site visit to the reference project(s) provided by the bidder, it shall be the responsibility of the bidder to coordinate and facilitate the visit, including providing necessary permissions, local support, and access to the plant and client representative, if required.

8.2. Financial Criteria

I. General Requirements:

- a. The average annual financial turn over on contracts should be at least **100%** of the estimated cost i.e., **₹ 5.50 Crores** during the immediate last 3 consecutive financial years ending in **31.03.2025**.
- b. Bidder should have the solvency equal to **40%** of the estimated cost of the work i.e., **₹ 2.20 Crores** as certified by any schedule bank support of financial standing.
- c. The bidder should not have incurred losses in more than **two out of the last five financial years ending with FY 2024–25**.
- d. **Bidding Capacity:** The bidding capacity of the bidder should be equal to or more than the estimated cost of this Tender work i.e., **Rs. 5.50 Cr**. The bidding capacity shall be worked out by the following formula:

$$e. \quad \text{Bidding Capacity} = [A \times N \times 2] - B$$

A = Maximum turnover in works executed in one year during the last 5 years taking into account the completed as well as work in progress. The value of works

shall be brought to current costing level by enhancing at simple interest of 7% per annum to be calculated from the last date of financial year of maximum turnover to the last date of receipt of tender as mentioned in NIT or subsequent extensions if any.

N = Number of years prescribed for completion of work for which bids has been invited i.e., **1.5 years**.

B = Value of existing commitments and ongoing works to be completed during the period of completion of work of this tender.

*N. B.: Details of running works/works in progress, duly filled in **FORM-D** included in the bid document (Technical Evaluation sheet) should be uploaded and submitted. Bidders would need to submit the supporting purchase orders/work orders of the running works/works in hand if asked by the department for bid evaluation.*

II. Documentary Evidence Requirements: The following documents must be submitted by the bidder along with the technical bid as a compliance to above clause I.

- a. **Attested copies of audited balance sheets**, including the full financial statements with all schedules and the Profit & Loss account, for the last five financial years, ending with **FY 2024-25**.
- b. A **turnover certificate** issued by a Chartered Accountant for the last five financial ending with **FY 2024-25**.
- c. A **Solvency Certificate**, as per **Appendix-II** of this document. The certificate should not be older than **one year from the last date of receipt of tender** (or the extended due date in case of time extension).
- d. **Bidding capacity calculation sheet**. Details of running works/works in progress, duly filled in **FORM-D** (*included in the bid document under the Technical Evaluation Sheet in the form of excel*), shall be uploaded and submitted along with the bid.
- e. Bidders may be required to submit supporting copies of Purchase Orders/Work Orders for the running works/works in hand, if requested by the department during bid evaluation.

8.3. Statutory Criteria

Bidder shall submit attested Copies of GST, PAN, LIN, ESI & EPF registration certificates.

8.4. Compliance Criteria

The bidder shall submit the following documents as evidence of compliance.

- a. A duly signed Compliance to Bid Requirement form, as per **Appendix-III** of this document.
- b. A duly signed Declaration by the Bidder, as per **Appendix-IV** of this document.
- c. A Confirmation of Time Schedule in the form of a Bar Chart for completion of

work, as per **Appendix-V** of this document.

d. Letter of submission of bid, as per **Appendix-VI** of this document.

9. **Zero deviation basis:** Bidders are requested to submit their bids on Zero deviation basis in total compliance to Tender Document without any deviation / stipulation / clarification / assumption. Accordingly, Bidder must submit format for “Compliance to Bid requirement” as per attached format ‘**Appendix-IV** to Notice Inviting e-Tender’, duly filled in along with Techno-Commercial Bid. Bidders taking deviations to the provisions of Tender Document shall be summarily rejected.
10. **Tender** document consists of Techno-commercial & Financial Bids. On CPP Portal, all documents of NIT, work item documents including technical evaluation documents constitute techno commercial bid. Among them, technical evaluation sheets and **documents under Para 11 only shall be uploaded and submitted in hard copies at the time** of opening of Techno – commercial bid/bid opening while finance cover shall not be submitted.
11. The following table summarizes the documents to be uploaded/submitted online during submission of bid documents in CPP Portal.
 1. Experience /performance certificates of works completed and works in hand
 2. Audited balance sheets indicating annual turnover, profit and loss.
 3. Latest solvency certificate (Appendix-III)
 4. PAN, EPF, ESI & GST registration.
 5. EMD in original
 6. Compliance to Bid requirement by the bidder duly signed (Appendix –IV)
 7. Declaration by the bidder duly signed (as per Appendix-V)
 8. Confirmation of Time Schedule in the form of Bar Chart for completion of work (as per Appendix-VI)
 9. Appendix VII to NIT
12. The hard copies (EMD, BID Declaration, Fees if any, etc. In original) of above documents shall be submitted as Envelope-I as defined in submission of tenders.
13. Entire tender document along with drawings if any can be viewed/seen and downloaded from website <https://eprocure.gov.in/eprocure/app> free of cost for reference only.
14. **Technical Bid**

This consists of NIT and Detailed Notice Inviting Tender, eligibility criteria, Tender and contract, General rules and directions, Conditions of contract, clauses of contract, safety code, model rules, contractor’s labour regulations, Proforma of registers, special instructions to tenderers, Proforma of annexure and performance guarantee, sketches of safety, standard specifications, and Schedule A to F, except **Bill of quantities**.
15. **Financial Bid**

This consists of empty **un-editable excel sheet** of Bill of quantities **is the financial bid i.e., price only. No other conditions, deviations, clarifications etc. shall be considered in this part.**
16. **Bid Documents:** e-format of technical evaluation sheets & Bill of quantities.

17. The bidder shall invariably fill Forms A to F (Technical Evaluation Sheets) in the prescribed Excel format, and upload them in a compressed **.rar** file along with the Technical Bid. The blank formats of these forms are available for download as part of the tender documents on the CPPP under the subject tender.

FORM-A: Similar works completed during last 7 years

FORM-B: Projects under execution or awarded

FORM-C: Turnover and profit/loss statement for last 5 years

FORM-D: Data of Solvency certificate

FORM-E: Technical & administrative personnel to be employed for the work

FORM-F: General Data

18. **Financial Bid (Bill of Quantities):** This Consists of various items to be carried out for the work and to be read in conjunction with the **NIT PART B** of the tender document.

19. **Corrigendum/amendment:** The changes, if any, in the tender subsequent to uploading by the department like extension of dates of NIT, specifications or item descriptions or quantity or units etc., are available and they will form part of tender.

20. **Mode of submission of offer:** Submission of offer consists the following

- ➔ Online submission of Bid-documents
- ➔ Physical submission of Hard copies

20.1. Online submission of bid documents

The **Online bids** in all respects must be completely uploaded & filled online in a **Two Envelope System**.

- a. **ENVELOPE – I:** The following listed documents shall be mandatorily uploaded on the e-tendering portal in designated file formats, as specified below.

Serial No	Name of Document	File extension
1.	Basic Information: To be furnished by the bidder on their letter head. • Name of the Company • Full Address of the Company, along with the telephone number and email address of the concerned authorities. • Local Address for Communication (if any) • Status of the Bidder: Manufacturer / Dealer / Reseller (please specify) • In case of Dealer/Reseller: Attach a valid authorization certificate from the principal company indicating the validity period. • In case of Foreign Supplier: Provide complete details of the Indian authorized partner, if any. • Company Brochure (to be attached along with the letter head) • Any other information	.pdf

2.	Documentary Evidence for Technical Experience Criteria: The bidder to submit all documents as specified under Clause 8.1 (IV) of this document.	.pdf
3.	Documentary Evidence for Financial Criteria: The bidder to submit all documents as specified under Clause 8.2 (II) of this document.	.pdf
4.	Documentary Evidence for Statutory Criteria: The bidder to submit all documents as specified under Clause 8.3 of this document.	.pdf
5.	Documentary Evidence for Compliance Criteria: The bidder to submit all documents as specified under Clause 8.4 of this document.	.pdf
6.	Technical Evaluation Sheets (Forms A to F)	.rar

- b. **ENVELOPE – II:** The following listed documents shall be mandatorily uploaded on the e-tendering portal in designated file formats, as specified below.

Serial No	Name of Document	File extension
1.	Price Bid: Filled Bill of Quantities	.xls

Note: Contractor has to download the bid documents as above and save on the system (Technical evaluation sheets/ forms A to F and Bill of Quantities) on the desktop **without changing file names**. The files so downloaded shall be filled-in in all respects and then to be uploaded with input EMD details.

20.2. Physical Submission of Hard copies

The following listed documents shall be mandatorily submitted physically strictly as per the below mentioned method.

- a. **1st Envelope (Earnest Money Deposit):** Place the original EMD in a sealed envelope. Super scribe the envelope as “**Earnest Money Deposit**”.
- b. **2nd Envelope (Supporting Documents):** Place the documentary evidence (as uploaded on portal) in support of Experience Criteria, Financial Criteria, Statutory Criteria & Compliance criteria as specified under **Clause 8.1 (IV), Clause 8.2 (II), 8.3 & 8.4** respectively along with Document submission Checklist as per **Appendix-VII** of this document., inside a separate sealed envelope clearly marked as “**Supporting Documents**”.
- c. **3rd Envelope (Outer Envelope):** Insert both the above sealed envelopes (EMD and Other Documents) into a third outer envelope. This envelope must be Properly sealed and clearly marked with the **Name of Work & Date & Time of Bid Opening**.
- d. Address the **Outer Envelope** to the
Office of GM (M-Zr, Utilities & SR),
1st Floor, PD & Utilities Building,
Nuclear Fuel Complex, Hyderabad-500 062

e. The envelope must reach the above office on or before the last date and time of bid submission, as specified in this NIT.

f. **Important Note:**

- ◆ *All pages of Techno-Commercial documents for pre-qualification/qualification are to be self-attested. However, NFC reserves its right to verify authenticity of any such documentation/certification at their own discretion directly from the concerned certificate issuing authority/offices.*
- ◆ ***Submission of hard copies of the filled-in Price Bid (Bill of Quantities) is strictly prohibited. Any physical submission of the Price Bid shall lead to outright rejection of the offer.***

21. The Delayed or late offers will be summarily rejected. Department will not be responsible for Postal delays.
22. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit and other documents placed in the envelope are found in order. Consequently, technical and financial bids will be opened.
23. **Only those bidders who meet the eligibility criteria shall be considered for Financial Bid opening. Accordingly, bidders must exercise utmost diligence in submitting all required data and supporting documents with the Technical Bid, as incomplete or non-compliant submissions will lead to disqualification without further notice.**
24. The EMD of bidders who are not qualified during qualification and technical bid / financial bid evaluation stage shall be returned along with the letter indicating the reasons of their disqualification.
25. The bid submitted shall become invalid if,
 - The bidder is found ineligible.
 - The bidder does not upload all the documents as stipulated in the bid document.
 - Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted in the envelopes (Fee & other documents) physically in the office of tender opening authority.
26. **Performance Guarantee (PG):** The bidder whose offer is accepted is required to submit **Performance Guarantee within a period of 10 days from the date of issue of LOA. Performance Guarantee shall be 5% of tendered and accepted value.** It can also be in the form of Demand Draft/Pay Order/Banker 's cheque/Deposit at Call receipt/FDR of a Scheduled Bank issued in favour of Pay & Accounts Officer, NFC payable at Hyderabad or Bank Guarantee from any scheduled Bank **valid** as mentioned in LOA or Order issued by the Department. The period mentioned beyond LOA may be extended with a late fee of 0.1% per day of PG amount. Performance Guarantee will be refunded to contractor without any interest only on successful completion of contract and on production of work completion certificate from concerned officer-in-charge.
27. **Non-Return of physically submitted document upon Disqualification:** The qualification documents submitted in technical bid as per the NIT shall be evaluated in accordance with the specified eligibility criteria and the list of eligible bidders shall be

finalized with the approval of the competent authority. Physical Documents submitted in support of qualification by bidders **who are not found eligible** at this stage **will not be returned**. Furthermore, the **Financial Bids of such disqualified bidders shall not be opened**.

28. Mode of filling Financial Bid:

- i. Bidder must ensure to quote rate of each item. The column in blue colour is meant for quoting rate in figures. However, while selecting if any cell has the value as "0" which indicates that the item is being considered free of cost. A warning will be available for such unfilled cells. Hence, bidder should ensure that the rates of all items shall be filled properly before uploading/ submission.
- ii. After submission of bid, bidder can resubmit revised bid any number of times but before last date and time of submission of bid as notified.
- iii. While submitting revised bid, bidder can revise the rate of one or more item(s) any number of times but before last date and time of submission of bid as notified.
- iv. Only if it is desired by the department, to submit revised financial bid, then it shall be mandatory for the bidder to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
- v. **Bidder shall not disclose rates quoted in (Financial Bid) nor shall enclose/submit any hard copy along the documents of Cover.**

29. Security Deposit (SD): During execution of work, **Security Deposit (SD)** will be deducted from Running Bills @ **2.5% of tendered and accepted value**. If so desired by the contractor, the total SD amount can be deposited in the form of Demand Draft or Pay Order or Banker's Cheque or Deposit at call Receipt or FDR in favour of Pay & Accounts Officer, NFC payable at Hyderabad. Security deposit will be returned after completion of guarantee period of 12 months or after payment of final bill whichever is later.

30. Income Tax and GST as applicable will be recovered from the bills payable to the contractor.

31. Bid Validity: The tender for the works shall remain open for acceptance for a period of **180 Days**. If any bidder withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty **to debar the bid for a period of one year from participation in tendering as aforesaid**. The bidder shall extend the validity period on written request from NFC.

32. Other Conditions:

Site Visit: Bidders who are interested to participate in the tender are advised to inspect and examine the site before submission of their tender. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc., will be issued to

him by the Government and local conditions and other factors having a bearing on the execution of the work.

Police Verification for Labourers: Police verification certificate (PVC) of all labour engaged at site shall be obtained by the bidder for issuance of entry pass at site. All stipulations and instruction given by security personnel, CISF from time to time shall be scrupulously be followed for entry / exit of men and materials and as also during execution of work for security purpose. **The rates quoted shall be inclusive of PVC charges** and no extra payment will be paid from department in this regard.

33. The rates quoted shall be inclusive of all material, men, equipment/ plant/ machinery required for satisfactory completion of item in all respects and shall be inclusive of GST and any other mandatory duties and levies of government, labour cess, seignior age, etc. as applicable at the site of work.

The contractor shall submit valid medical fitness certificates and ESI & PF particulars of all staff proposed to be engaged before commencement of the work.

Workmen required to perform work at heights (above 3 meters) shall undergo medical examination, at the contractor's own cost, to assess their fitness for working at height as per NFC safety norms. Height passes shall be issued only after successful completion of such medical tests.

All workmen engaged for this work shall wear a distinct uniform for easy identification. Wages paid to the workmen shall not be less than the minimum wages prescribed under the latest notifications issued by the Ministry of Labour and Employment.

Also, contractor is responsible for removal /shifting to an identified location the debris/ scrap produced during the execution of the work.

34. On bid opening date, the bidders can login in the website so that the position of bidders as per opening and their quoted total amount can be seen.
35. **Ambiguities in rates quoted:**
If there are differences between the rates given by the bidder and the amount worked out by him, the following procedure shall be followed.
“The bidder shall quote rates in figures only. Amount of each item and total are generated automatically. Therefore, the rate quoted by the bidder in figures shall be taken as correct.”
36. Bidder shall sign the declaration and to be submitted /uploaded in technical bid.
37. The competent authority on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without assigning any reason. **All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.**
38. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the bidders who resort to canvassing will be liable to rejection.
39. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the bidder shall be bound to perform the same at the rates quoted.

40. The bidder shall not be permitted to tender for works in NFC (responsible for award and execution of contracts) in which his **near relative** is posted as Assistant Accounts Officer or as an officer in any capacity between the grades of Chief Engineer and Assistant Engineers (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in NFC or in the DAE. Any breach of this condition by the bidder/contractor would render him liable to be removed from the approved list of contractors of this Department.
41. No Engineer of gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
42. This Notice Inviting Tender (**Part A & Part B**) shall form an integral part of the contract document. Upon acceptance of the tender by the Accepting Authority, the successful bidder/contractor shall, within **15 days** from the stipulated date of commencement of work, execute the contract comprising the following:

Technical Bid, which includes The Notice Inviting Tender, All tender documents including General Rules and Directions, Clauses of Contract, Proforma of Schedules, Safety Code, Model Rules, Contractor's Labour Regulations, Proforma of Registers, Special Instructions to Tenderers, Detailed Specifications, Relevant Drawings, if any, Any correspondence exchanged prior to the award of work, Financial Bid, which includes the Bill of Quantities (BoQ), along with any related correspondence leading to the final agreement.

All documents uploaded during the tendering process, along with any subsequent correspondence, amendments, or clarifications, shall be deemed to form part of the final contract agreement.

Deputy Chief Executive (Z, Melting, EPC, Utilities & SR)
For and on behalf of the President of India

NFC IS COMMITTED TO A CORRUPTION FREE WORK ENVIRONMENT. "All the purchase and contracts commitments of NFC will be honoured without the citizen having to pay any bribe. In case any person demands any bribe, it is the duty of a responsible citizen to inform the matter to the vigilance officer, NFC, Hyderabad. Telephone numbers are: (O): 040 – 27120218, 27184949

B. Item Rate Tender and Contract for Works

Name of work: *“Engineering, Procurement and Commissioning of a Demineralized Water Treatment Plant including allied Mechanical, Electrical and Instrumentation Works at NFC, Hyderabad”.*

Technical Bid consists of **two covers** which contains the following:

1. **First Cover** in sealed condition super scribed as **“Earnest Money Deposit”** and shall contain originals of EMD as mentioned in NIT. This envelope shall be opened first and original documents shall be verified with the scanned copy of these instruments uploaded.
2. **Second Cover** in sealed condition super scribed as **“Supporting Documents”** shall contain all documents related to **Eligibility Criteria** as mentioned in NIT for pre-qualification and technical documents as given in **Clause 8** of Notice inviting Tender, and shall be opened after opening and verification of documents in First cover.
3. Both the covers are to be placed in a **single third cover**.
4. **The hard copies are to be submitted within the cut off time and date in the office of General Manager (M-Zr, Utilities & SR), 1st Floor, PD & Utilities Building, Nuclear Fuel Complex, Hyderabad-500062, India.**
5. **Financial bid** should be uploaded after filling rates. No hard copy is required to be submitted

TENDER

(To be uploaded & submitted in hard copy typed in letter head)

I / We have read and examined the Notice Inviting Tender, Salient Governing Features of the Tender /Work including Bill of Quantities, Drawings and Designs, General Rules & Directions, General Clauses of Contract, Special Clauses of Contract & other documents and rules referred to in the Conditions and Clauses of Contract and all other contents in the tender documents for the work.

I / We, hereby tender for the execution of the work specified for the President of India within the time specified in Bill of Quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in applicable clause of General Rules & Directions and in Clause – 11 of the General Clauses of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **one hundred twenty (180) days** from the date of opening of tenders and not to make any modifications in its terms and conditions.

If I / we fail to commence work as specified, I / we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. I agree to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Proforma of Schedules and those in excess of that limit at the rates to be determined in accordance with the provision contained in relevant Clause of the tender form. Further, I / We agree that in case of forfeiture of earnest money or Performance Guarantee as aforesaid, I / We shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in **Nuclear Fuel Complex & its units** in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee.

I / We hereby declare that I / We shall treat the tender documents, drawings and other records connected with the work as secret / confidential documents and shall not communicate information derived there from to any person other than a person to whom I / We am / are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Signature of Contractor

Postal Address

Dated:

Witness:

Address:

Occupation:

C. Location and Access to Site (Appendix-I)

The site is located at Moula Ali, Telangana State, about 13 km along motorable road from Secunderabad. The nearest railway station is Moula Ali, 5 kms from Secunderabad (15 kms from Hyderabad). On the way the Hyderabad-Kazipet broad gauge line of South-Central Railway. The Hyderabad-Kazipet line runs just south of the area acquired by Department of Atomic Energy.

The climate conditions at Moula Ali are similar to those prevailing at Hyderabad and are generally as indicated below:

Max. Of mean daily Temperature	: 40°C
Min. of mean daily Temperature	: 13°C
Absolute max. Temperature	: 45°C
Absolute min. temperature	: 8°C
Relative Humidity max	: 83%
Relative Humidity min	: 27%
Average yearly precipitation	: 750 mm
Maximum dialy precipitation	: 150mm
Maximum Hourly precipitation	: Not available
Maximum wind velocity	: 84 km/hr
Wind direction	: May to September mainly from W&NW rest of the year mainly from NE, E and SE

The site is well connected to Hyderabad-Secunderabad by road. The Hyderabad-Kazipet broad gauge line passes just south of the site and a private siding has also been taken to NFC. Hyderabad has a commercial airport at Shamshabad (25 km from Hyderabad) and direct flights are available from all major cities. Both Chennai and Mumbai serve as seaports for Hyderabad.

Post, telephone and fax facilities are available. Site office address is:

Office of the General Manager (M-Zr, Utilities & SR)

Utilities, 1st Floor, PD & Utilities Building

Nuclear Fuel Complex

Department of Atomic Energy

ECIL post, Hyderabad-500062

Telephone: 040-27184366/3482/3691/4102

Email: piydut@nfc.gov.in; ygandhi@nfc.gov.in.

D. Solvency Certificate (Appendix-II)

Format of Solvency Certificate

This is to certify that to the best of our knowledge and information that M/s. /Shri. having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs. (Rupeesonly.)

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature)

For the Bankers

N.B.: (1) Bankers certificates should be on letterhead of the Bank, sealed in cover addressed to tendering authority.

(2) In case of partnership firm, certificate should include names of the partners as recorded with the Bank.

E. Compliance to bid requirement (Appendix-III)

(To be uploaded & submitted by bidders on their letter head)

NAME OF THE WORK: *“Engineering, Procurement and Commissioning of a Demineralized Water Treatment Plant including allied Mechanical, Electrical and Instrumentation Works at NFC, Hyderabad”.*

TENDER NOTICE NO.: NFC/UTLS/EPC-DMP/NIT/2026/01

We hereby agree to fully comply with, abide by and accept without variation, deviation or reservation all technical, commercial and other conditions whatsoever in the BIDDING DOCUMENT for the subject work.

Signature of bidder (*With date*) : _____

Name of bidder : _____

Company seal : _____

F. Declaration by the contractor (Appendix –IV)*(To be uploaded & submitted by bidders on their letter head)***DECLARATION BY THE CONTRACTOR**

- Tender in one envelope system i.e., technical bid and financial bid for the work of **“Engineering, Procurement and Commissioning of a Demineralized Water Treatment Plant including allied Mechanical, Electrical and Instrumentation Works at NFC, Hyderabad”**
- Tender Notice No. **NFC/UTLS/EPC-DMP/NIT/2026/01**

I / We have read and examined the Notice Inviting Tender, Salient Governing Features of the Tender /Work including Schedule A, B, C, D, E & F, Bill of Quantities, Drawings and Designs, General Rules & Directions, General Clauses of Contract, Special Clauses of Contract & other documents and rules referred to in the Conditions and Clauses of Contract and all other contents in the tender documents for the work.

I / We, hereby tender for the execution of the work specified for the President of India within the time specified in Bill of Quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in applicable clause of General Rules & Directions and in Clause – 11 of the General Clauses of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **One hundred and Eighty (180)** days from the due date of opening of tenders and not to make any modifications in its terms and conditions.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

I/We agree that should I/We fail to commence the work as specified, I/we agree that the President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit performance guarantee absolutely, otherwise, the same may at the option of the competent authority on behalf of the President of India be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for bidding in DAE in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount to Performance Guarantee.

Signature of Contractor**Postal Address:****Dated** _____

G. Schedule of work by the contractor (Appendix – V)*(To be uploaded & submitted by bidders on their letter head)*

Name of the work: *“Engineering, Procurement and Commissioning of a Demineralized Water Treatment Plant including allied Mechanical, Electrical and Instrumentation Works at NFC, Hyderabad”.*

Tender Notice No: *NFC/UTLS/EPC-DMP/NIT/2026/01*

Time allotted for the project: 18 (Eighteen) Calendar Months

Sl. No	Description of the activity	Time plan to be reckoned from the 15th day after the date of written orders to commence the work		
		Expected date of commencing / submission	Expected date of completion	Remarks
1	Submission of project execution plan including detailed design & engineering, QA/QC procedures and manpower deployment schedule.			
2	Completion of basic & detailed engineering			
3	Procurement & supply of major Mechanical equipment and materials			
4	Procurement & supply of major Electrical equipment and materials			
5	Procurement & supply of major Instrumentation equipment and materials			
7	Installation of Mechanical Equipment			
8	Installation of Electrical & Instrumentation Systems			
9	Trial run, commissioning & performance testing			
10	Final documentation, training & handing over			

Note: *The bidder shall submit a detailed bar chart indicating the timeline for each activity required for the completion of the project including interdependencies and critical milestones.*

**Signature of Tenderer
With Date & Seal**

H. Letter for submission of bid (Appendix – VI)*(To be uploaded & submitted by bidders on their letter head)*

Date: _____

To
The General Manager (M-Zr, Utilities & SR),
1st Floor, PD & Utilities Building
Nuclear Fuel Complex,
ECIL Post, Hyderabad-500062,
Telangana, India

Our Ref.: _____

Tender Notice No.: _____

Name of work: _____

Dear Sir,

Please find herewith our Bid for the subject work **(Technical bid and financial bid)** in line with the requirement of the Tender Document. We confirm that:

- **Our Bid consists of Envelope A which includes Earnest Money Deposit** in the form and of requisite value as specified in **NIT. Envelope - B** which includes documents related to **qualification criteria as per para 8 of NIT-PART A.**
- **We have submitted a no-deviation bid.** We understand that in the event of our taking any deviation, our Bid may not be considered for further evaluation.
- We have submitted **our Bid as an Individual.**
- We further confirm that we will complete the work in totality as agreed and confirmed as per terms and conditions of the Tender document.
- Our Bid is in complete compliance with all technical as well as commercial requirements of Tender document including Addendum/Corrigendum No. ____ (if applicable) and there is no technical or commercial deviation in the Bid.
- We also confirm that our price shall remain **FIRM** for the entire Contract period, unless there is specific provision for adjustment in price as per terms and conditions of the Tender document.
- We have submitted all documents as stipulated in NIT and various sections of the Tender document/ Technical specifications.
- The validity of our Bid shall be **180 Days from the final bid due date of opening of tenders.** We also confirm that if our bid validity period is to be extended on a later date for a reasonable period, on written request from NFC, we shall suitably extend the bid

validity period without any financial implication until there is change in terms and conditions/Scope of work etc.

- We also confirm that in the event of award of work to us, we shall submit performance bank guarantee for execution of work as per terms and conditions of the Tender document in NFC approved format.
- We also confirm that in the event of award of work to us, we shall faithfully execute the Contract as per terms and conditions of the Tender/Contract document.

We declare that all statements made and information submitted by us in our Bid is true and complete to the best of our knowledge and belief and nothing is concealed.

Bidder's signature :

Name :

Designation :

Mobile(with STD Code) :

Email :

Full Address (for all future communication) :

Company Seal :

Bidder to note that all the pages of bids are to be signed by the authorised signatory (having power of attorney (POA) and all correspondence with NFC shall be made by the POA holder.

I. Document Submission Checklist (Appendix – VII)

(To be submitted physically by bidders on their letter head)

NAME OF THE WORK: “Engineering, Procurement and Commissioning of a Demineralized Water Treatment Plant including allied Mechanical, Electrical and Instrumentation Works at NFC, Hyderabad”.

Tender Notice No.: NFC/UTLS/EPC-DMP/NIT/2026/01

1) Online Submission on GeM - Central Public Procurement Portal (CPPP)

Deadline of Submission: **25.08.2026**

Sl. No.	Document Description	Cover	Format	✓ if uploaded
(a)	Basic Bidder Information on Letterhead (Company details, Contact, Brochure, etc.)	I st	.pdf	☐
(b)	Work Orders, Completion Certificates & Performance Certificates (as per Cl. 8.1.IV)	I st	.pdf	☐
(c)	Audited Balance Sheets, Turnover Certificate, Solvency Certificate, Bidding Capacity (as per Cl. 8.2.II)	I st	.pdf	☐
(d)	Statutory Registrations – PAN, GST, EPF, ESI, LIN (as per Cl. 8.3)	I st	.pdf	☐
(e)	Compliance Criteria as per Clause 8.4: Appendix– III to VI	I st	.pdf	☐
(f)	Technical Evaluation Sheets (Forms A to F)	I st	.rar	☐
(g)	Price Bid – Filled BoQ (Bill of Quantities) Note: Physical Submission of filled BoQ will lead to disqualification.	II nd	.xls	☐

2) Physical Submission in sealed envelopes as per NIT instructions.

Deadline of Submission: **01.09.2026**

Envelope	Document Description	✓ if Enclosed
Envelope A	Original EMD Instrument (DD/FDR etc.)	☐
Envelope B	Printed Copies of: • Financial Criteria Docs• Statutory Docs• Compliance Docs• Annexure VII	☐
Outer Envelope	Contains Envelope A & B. Superscribed with Tender Details and addressed to: <i>The O/o General Manager (M-Zr, Utilities & SR), 1st Floor, PD & Utilities Building Nuclear Fuel Complex, ECIL Post, Hyderabad-500062, Telangana, India</i>	☐

**Signature of Tenderer
With Date & Seal**

J. Format for Pre-Bid Queries (Appendix – VIII)*(To be submitted by bidders on their letter head)*

Sl. No	Section	Page No	Clause	Subject	Description of Clause	Clarification sought	NFC response

K. Proforma of schedules**SCHEDULE 'A':** Reference to NIT and Tender Documents

Sl.No	Title	Particulars
1	Notice inviting Tender Details	Tender No: NFC/UTLS/EPC-DMP/NIT/2026/01
2	Notice inviting Tender Publication Details	i. NIT (PART A & B) as uploaded on website
		ii. NIT (PART A & B) as published in CPP Portal
3	Scope of the work	As per NIT-PART B
4	Location of the work	Nuclear Fuel Complex, Hyderabad
5	List of Drawings	To be submitted by bidder as per PART-B of NIT
6	Time Schedule for the work	18 months
7	Specifications of various materials	As per NIT-PART B
8	Bill of Quantities (financial Bid)	Uploaded separately

SCHEDULE 'B': Schedule of materials to be issued to the contractor.

Sl. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	Water for Civil Works	As required	1% of the total civil works	Work Site
2	Electricity for Fabrication Works	As required	Rs 7.20 / Unit	Work Site

SCHEDULE 'C': Tools and Plants to be hired by contractor

Sl. No.	Description	Hire charges per day	Place of issue
1	Area for storage /site office	Nil	At premises
2	Temporary Buildings	Nil	-NA-
3	Labour hutments	No labour hutment permitted at site and no labour is allowed to stay within the premises after completion of day's job.	

SCHEDULE 'D':

Extra schedule for specific requirements / document for the work, if any particularly for additional security guide lines, Gate Pass, Lift, tower crane etc.	See Special Clauses of Contract
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SCHEDULE 'E': Reference to "Conditions & Clauses of Contract" to be followed for this work

i. Name of work	Engineering, Procurement and Commissioning (EPC) of a Demineralized Water Treatment Plant including allied Mechanical, Electrical and
-----------------	---

	Instrumentation Works at NFC, Hyderabad.
ii. Estimated cost of work inclusive of GST, ESI & EPF	₹ 5, 50, 00, 000/-
iii. Earnest money	₹ 11, 00, 000/-
iv. Performance Guarantee	5% of tendered value
v. Security Deposit	2.5% of tendered value

SCHEDULE 'F': General Rules and Direction**Officer inviting tender:** Deputy Chief Executive (Z, Melting, EPC, Utilities & SR), NFC**Definitions:**

2(v)	Engineer-in-Charge	Piyush Dutta, DM (Utilities)
2(viii)	Accepting Authority	Chief Executive, NFC/ DCE /GM/ Dy. General Manager
2(x)	Percentage on cost of materials and Labour to cover all overheads and profits	15% (Fifteen percent)
2(xi)	Standard Schedule of Rates	CPWD DAR
2(xii)	Department	Nuclear Fuel Complex, Hyderabad
9(ii)	Standard contract form of Department	Item rate tender

CLAUSE (1)

i. Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	7 days
ii. Maximum allowable extension beyond the period (provided in (i) above)	7 days with late fee @ 0.1% per day of performance guarantee amount

CLAUSE (2)

Authority for fixing compensation under Clause 2	Chief Executive, NFC
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CLAUSE (5)

Number of days from the date of written orders for commencing the work	15 days
--	----------------

Mile stones as per Table given below:

Table of Mile Stone(s)

Sl. No	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non-achievement of milestone
<i>As per Appendix-V</i>			<i>Nil</i>

Time allowed for execution of the work	18 Months
--	------------------

Authority to decide:

i. Extension of time	Chief Executive, NFC/ DCE /GM/ Dy. General Manager
ii. Rescheduling of mile stones	Engineer-in-charge

CLAUSE (6), (6A)

Clause applicable – (6 or 6A) (Clause 6 for manual Billing & Clause 6A for computerized billing)	Clause 6 applicable
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CLAUSE (7)

Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	More than Rs. 20 lakhs
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CLAUSE (10A)

List of testing equipment to be provided by the contractor at site lab (The list given below is indicative)

NOT APPLICABLE

CLAUSE (10B)

Mobilization advance clause	Not applicable
Plant and machinery advance	Not applicable

CLAUSE (10C) & (10CA)

Component of labour expressed as percent of value of work	Not applicable
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CLAUSE (10CC)

1	Component of Cement- expressed as percent of total value of work	Xc	Not applicable
2	Component of Steel- expressed as percent of total value of work	Xs	Not applicable
3	Component of civil (except cement & steel)/ Electrical construction materials-expressed as percent of total value of work	Xm	Not applicable
4	Component f Labour-expressed as percent of total value of work	Y	Not applicable
5	Component of P.O.L-expressed as percent of total value of work	Z	Not applicable

CLAUSE (11)

Specifications to be followed for execution of work	NIT-PART B
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CLAUSE (12)

12.2 & 12.3	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for Building work	Not applicable
12.5	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work	Not applicable
12.5	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for maintenance work	Not applicable

CLAUSE (16)

Competent Authority for deciding reduced rates	Chief Executive, NFC/ DCE /GM/ Dy. General Manager
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CLAUSE (18)

List of mandatory machinery, tools & plants to be deployed by the contractor at site:

Tools & tackles, Vehicles like crane, lorry, RMC, tractor, tempo etc, measuring instruments, PPEs as required for completing the task are in the scope of contractor as per the direction of Engineer-In-charge from time to time.

Note: The list of machinery, tools & plants to be deployed by the contractor at site are minimum. The contractor shall deploy additional machinery, tool & plants in order to maintain the progress of the work without any extra cost to the department.

CLAUSE [36(i)]: Requirements of technical representative

- a) **Minimum Qualification of Technical Representative:** Graduate Engineer (or) Diploma Engineer
- b) **Discipline:** Chemical / Mechanical
- c) **Designation (Principal Technical representative):** Principal Technical Representative/Supervisor
- d) **Minimum Experience:** 5 years for graduate and 10 years for Diploma Engineer
- e) **Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i):** Rs 27, 000 (Rupees Twenty-Seven Thousand Only) / Rs 1065/day.

Note: Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

CLAUSE (42)

Statement of Wages: The minimum rate of daily wages payable to an employee employed on daily wages shall be as per the latest rule/notification given by Labour Commission during execution.

L. Payment Terms

Milestone / Activity	% payment to be made against Work Order rates
Delivery of items as per the Work order Bill of Quantities	60%
Completion of erection and testing of delivered items at site	20%
Commissioning & final Acceptance of all items as per the Work order Schedule of Quantities in accordance with Section D of NIT-PART B. Single payment will be made upon completion of entire scope of contract.	20%

- a. Payments shall be made on a pro-rata basis against items delivered or erected and tested, as listed in the Work Order Bill of Quantities (BOQ).
- b. Payment for the work done by the contractor shall be made based on the work done by contractor which was accepted and measured by the Officer in charge, duly approved by the competent authority. **(Once in every quarter i.e., after the end of the quarter, from the date of work started.)**
- c. Liquidated damages of 0.5% of the contract value per week, up to a maximum of 5%, shall apply for delays beyond the agreed project timeline, unless caused by force majeure.
- d. **Force Majeure Clause:** Delays due to force majeure events (e.g., natural calamities, pandemic, unavailability of site) shall not attract penalties.
- e. **Record of Material Delivery and Billing:** The contractor shall maintain an accurate and item-wise record of all Delivery Challans for materials brought inside the NFC premises, strictly in accordance with the items listed in the Bill of Quantities (BOQ). These Delivery Challans shall serve as the basis for verification and billing, and no payment shall be made for any item not supported by a corresponding Delivery Challan duly acknowledged by the designated NFC official.

M. Preamble to Bill of Quantities

- (2) The Bill of Quantities (**BoQ**) shall be read with all other sections of this Tender Document and price shall be as per detailed scope of work, scope of supply, Payment Terms, statutory approvals, development of infrastructure facilities and temporary constructions, mobilization and demobilization including equipment/ tools and tackles, documentations, insurances, other Terms and Conditions including Contractor's all liabilities and obligations, disposal of debris to demarcated location and all taxes, duties as mentioned in various sections /Technical specifications, drawings, standards, relevant codes etc., BoQ. of the bidding document etc.
- (3) The bidder shall carefully go through the clauses in the notice inviting tender, tender and contract, General Rules and directions, conditions of contract, clauses of contract, safety code, model rules for Labour Regulations, etc. and special instructions to the tenderer as also specifications and shall include, in their rates, any sum they consider necessary for the fulfilment of the various clauses contained therein. The items of work and unit rates quoted in the Bill of quantities shall be inclusive of everything necessary to complete the said items of work within the contemplation of the contract and the rates may be quoted accordingly. No extra payment beyond the quoted unit rates shall be allowed for incidental or contingent work, labour, materials or plant unless the exclusions are specifically brought out in Bill of quantities.
- (4) Unless a specific provision for separate payment is made for some activities in the terms and conditions/ BoQ there will not be separate payment for such activities and the quoted rates shall be considered inclusive of it.
- (5) The CONTRACTOR is deemed to have studied the drawings, specifications, terms and conditions and details of works to be done within the Time Schedule and should have acquainted himself of the conditions prevailing at site.
- (6) The quantity shown against the various items are only approximate and may vary to any extent individually subject to provisions of Bidding Document. Also, non-operation of any item or variation in quantity (on higher or lower side) shall not be considered a reason for revision of unit rate(s) of item(s), unless otherwise specified in the tender document.
- (7) The quoted rate(s)/price shall be FIRM till the completion of all works, until there is specific provision in the Contract document regarding adjustment of price.
- (8) OWNER (i.e., NFC) reserves the right to interpolate or extrapolate the rates for any new item of work not covered in Schedule of Rates from the similar items already available in Schedule of Rates. All the works shall be measured upon completion and paid for at the rate quoted and accepted in the "Bill of Quantities". In case any activity though specifically not covered in Schedule of Rates descriptions but the same is covered under scope of work/ scope of supply/ specification/ drawings etc., no extra claim on this account shall be entertained, since Bill of Quantities is to be read in conjunction with all other documents forming part of the Contract.
- (9) All items of work mentioned in the Bill of Quantities shall be carried out as per the specifications, drawings and instructions of OWNER and the rates are deemed to be

inclusive of all materials, consumable, labour, supervision, tools & tackles and detail construction drawings, as called for in the detail specification and conditions of the Contract

(10) The rates quoted by the bidder shall also include for:

- a) Necessary care and precaution against damage/theft to equipment/materials, if any, supplied by the Department.
- b) Safe custody and storage of materials at site.
- c) Transportation of all the related equipment and items to site, unloading and protection of materials including complying with all security requirements for collecting the materials from Departmental stores inside NFC as per **Bill of Quantities** if any.
- d) Accommodation of contractor's staff.
- e) Protecting all installed equipment in the area of work falling within the scope of the contract.
- f) Providing approaches required for conveying and spreading the excavated materials disposing of spoils, etc., including crossing over the existing drains, etc,
- g) The payment of minimum wages as notified by the State/Central Government and implementation of all regulations under contract Labour (Regulations and Abolitions) Act 1970 (Central) and Central Rules 1971 and the rules and orders issued there under from time to time as amended up to date. Necessary books of account and other document for the purpose of these conditions as may be necessary and shall allow inspection the same allowed by a duly authorized representative of Government and further such other information/document as the Engineer-in-charge may require.
- h) For enforcement of the building and other construction workers (Regulations Employment & Conditions of Service) Act 1996 and building and other construct Workers (RE & CS) Central Rules 1998.
- i) **All taxes including seignior age tax, GST, Labour welfare cess, as applicable, ESI & EPF.**
- j) All wastages as applicable
- k) Police verification certificate & Medical certificate.
- l) Double handling of construction materials and machinery, if any, due to non-availability of space near the site.
- m) Cost of construction power and water required for the work as stipulated elsewhere.
- n) Following all the safety and security rules and regulations as required by the Department including deploying supervisor exclusively for safety.
 - (i) While execution of job/any activities, if there is any deficiency in safety/lack of safety or inadequate supervision is found, contractor is liable to be terminated. All compensations shall be borne by the contractor in

case of any accident leading to injury/death of his workers during the course of contract. All such expenses if incurred by department shall be indemnified by the contractor.

- (ii) Non-deployment of safety supervisor at site will be charged as per **Schedule 'F'**
 - (iii) Minimum quantity of **PPE** proposed to be brought to site for use for implementation at site.
 - (iv) Delay in progress of work/completion of work in the effort of complying of safety whatsoever pertaining to it will not be considered as a genuine reason/cause for extent of time/or any other financial implications.
 - (v) Record of safety compliance to be maintained.
- (11) Bidder must ensure to quote rate of each item. However, while selecting if any cell is left blank/filled vacant, the value for that cell will be taken as "0" by software which indicates that the item is being considered free of cost. A warning will be available for such unfilled cells. Hence, bidder should ensure that the rates of all items shall be filled properly before uploading/ submission
- (12) The rates quoted shall hold good for all heights/depths above/below plinth level or average ground level unless otherwise specified. The rates quoted shall be for fulfilment of all the conditions and no conditional rebate shall be put forth by the bidder which will attract rejection as indicated.
- (13) The rates quoted by the bidder shall be in accordance with the minimum deployment of men, material and machinery including consideration of necessary additional deployment to suit detailed programming and actual conditions at site for **completion of work within scheduled period stipulated.**
- (14) Contractor shall quote rates for all items after considering cost of materials and labour components and all such **conditions, elevations, leads, lifts, safety** precautions security restriction that are necessary for satisfactory completion of work as per drawing/instructions and site conditions. Security regulations shall be followed.
- (15) **Variation in the prices of material sunder clause 10CA is not applicable** as per **Schedule-F** for the materials viz., **cement, steel rebars, plates and standard rolled steel sections.**
- (16) **INSURANCE:** The contractor shall take and maintain, during the currency of the Contract, all necessary and adequate insurance policies like Contractor's All Risk Insurance (CAR) policy etc. including third party liability insurance, natural calamities (Fire, Tempest, Flood, Lightening, Earthquake etc.) as applicable based on the nature of the job and to meet all statutory requirements at his own cost. Their contract/ tendered price is deemed to be inclusive of such provision. The contractor shall submit copy of such insurance policy to Engineer-in-charge as documentary evidence. The Engineer-in-charge has the right to take appropriate action like withholding payment or any other remedial measures etc. as required in case contractor has not taken appropriate insurance policies before starting of site works. The contractor shall be solely responsible, liable and bear the

cost and risk associated with improper insurance policies and/or for not taking insurance policies.

- (17) Bidders are requested to submit their bid on **Zero deviation basis** in total compliance to Bidding Document without any deviation / stipulation / clarification / assumption. Accordingly, Bidder must submit format for “Compliance to Bid requirement” as per attached format ‘Appendix-IV to Notice Inviting e-Tender’ duly filled in along with Technical Bid (Envelope-I). Bidders taking deviations to the provisions of Bidding Document shall be summarily rejected.
- (18) Contractor has to submit Police verification certificates, medical certificates, ESI & PF particulars for staff engaged for the work
- (19) Atomic Energy Regulatory Board Safety Guidelines on "Control of Works"(AERB/NRF/SG/IS-1, Rev-I) is a part of the tender document. The same can be downloaded from <https://www.aerb.gov.in/storage/images/PDF/CodesGuides/General/IndustrialSafety/1.pdf>

N. Information and instructions for bidders for e-tendering

PART A: GUIDELINES FOR E-TENDERING: - Instructions For Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

(1) Registration

- a. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrolment” on the CPP Portal which is free of charge.
- b. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- d. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sift/nCode/eMudhra etc.), with their profile.
- e. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to other which may lead to misuse.
- f. Bidder then logs in to the site through the secured log-in by entering their User ID / password and the password of the DSC/e-Token.

(2) Searching for tender documents

- a. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- b. Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective ‘My Tender’ folder. This would enable the CPP Portal intimate the

bidders through SMS/e-mail in case there is any corrigendum issued to the tender document.

- c. The bidders should make a note of the unique Tender ID assigned to each tender; in case they want to obtain any clarification / help from the Helpdesk.

(3) Preparation of bids

- a. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejected of the bid.
- c. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF / JPG formats. Bid documents may be scanned with 100dpi with black and white option which helps in reducing size of the scanned document.
- d. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: My Documents Space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

(4) Submission of bids

- a. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>
- b. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- c. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- d. Bidder has to select the payment option as “offline” to pay the tender fee /EMD as applicable and enter details of the instrument.
- e. Bidder should prepare the EMD per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned

official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD / any other accepted instrument, physically sent should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.

- f. The agency shall download the pre-bid clarification if any for the work and upload the same (scanned copy) duly signed and sealed. The revised documents (if any) shall be uploaded in e-tender portal.
- g. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the SKY-BLUE coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- h. Tenderers are advised to upload their documents well in advance, to avoid last minutes rush on the server or complications in uploading. NFC in any case shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.
- i. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing the size of the scanned document.
- j. The server time (which is displayed on the bidder's dash board) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- k. Submission of tender documents after the due date and time (including extended period) shall not be permitted.
- l. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using these cured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subject to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- m. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- n. Upon the successful and timely submission of bids (i.e., after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message

& a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all the other relevant details.

- o.** The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- p.** Intending Bidders are advised to visit this website regularly till closing date of submission to keep themselves updated as any change/modification in the tender will be intimated through this website only by corrigendum/addendum/amendment.

(5) Assistance to bidders

- a.** Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- b.** Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

O. Information and instructions for bidders for e-tendering**c. PART A: GUIDELINES FOR E-TENDERING: - Instructions****d. For Online Bid Submission**

- e. The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.
- f. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.
- g. Registration**
- h. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrolment” on the CPP Portal which is free of charge.
- i. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.