

**NOTICE INVITING TENDERS**

**(Percentage Rate Tender)**

**For Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus**



**National Institute of Technology- Andhra Pradesh,**  
Beside Chennai - Srikakulam Highway,  
Kadakatla, Tadepalligudem, West Godavari District,  
Andhra Pradesh-534101.  
[www.nitandhra.ac.in/main/tender](http://www.nitandhra.ac.in/main/tender)

**Proprietary & Confidential:**

No part of this document can be reproduced in any form or by any means, disclosed or distributed to any person without the prior consent of the Director, NIT Andhra Pradesh, Tadepalligudem, except to the extent required for submitting bid and no more.

**Contents:**

| DESCRIPTION                       | PAGE NO. |
|-----------------------------------|----------|
| TENDER NOTICE                     | 3        |
| TIME SCHEDULE                     | 4        |
| BID                               | 6        |
| STATEMENT RELATED TO BIDS         | 7        |
| SCOPE OF WORK                     | 8        |
| GENERAL CONDITIONS                | 8        |
| ELIGIBILITY CRITERIA              | 11       |
| METHOD OF SUBMISSION OF BIDS      | 12       |
| EVALUATION PROCEDURE              | 13       |
| DECLARATION (ANNEXURE-I)          | 16       |
| CHECKLIST (ANNEXURE-II)           | 17       |
| BILL OF QUANTITIES (ANNEXURE-III) | 18       |
| PRICE BID (ANNEXURE-IV)           | 22       |

**TENDER NOTICE:**



**NIT Andhra Pradesh, Tadepalligudem**

**Ref No: NITANP/SMMD/TENDER/2024-25/09**

**Date: 08.05.2024**

**Box Tenders/Open Tenders are hereby invited through CPP from reputed registered Contractor/Contracting Firm for providing the following services at NIT-Andhra Pradesh, Tadepalligudem, West Godavari district.**

**“Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus”**

**Addressed to:**

**Tender Box**

**Material Management & Disposal Section,**

**Sardar Vallabhbhai Patel Administrative Vista Building,**

**NIT Andhra Pradesh, Kadakatla, Near NH-16**

**Tadepalligudem-534101, West Godavari District, Andhra Pradesh**

The above **Tender name and Ref. No. should be Super-Scribed** in the Main Envelope containing the bid documents.

Tender Schedules can be downloaded from NIT Andhra Pradesh website from 08.05.2024 onwards. Bidders need to submit hard copy with relevant documents with self-attested.

**The last date for submission of tenders is 29.05.2024 up to 03:00PM.**

For further details regarding Tender notification & specifications, please visit

[www.nitandhra.ac.in/main/tender](http://www.nitandhra.ac.in/main/tender) .

**Date: 08.05.2024.**

**NIT Andhra Pradesh,  
Tadepalligudem.**

**TIME SCHEDULE OF VARIOUS TENDER RELATED EVENTS**

**Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus**

|  |  |
|--|--|
| Bid Document downloading<br>Start date/ Time | <b>08.05.2024 at 05.00PM.</b>  |
| Bid Document downloading<br>End Date / Time  | <b>28.05.2024 at 05.00PM.</b>  |
| Pre-Bid meeting                              | <b>17.05.2024 at 03.30PM.</b>  |
| Last Date and Time for receipt<br>of Bids    | <b>29.05.2024 Up to 03.00PM.</b>   |
| Technical Bid Opening Date<br>/Time          | <b>29.05.2024 at 03.30PM.</b>  |
| Financial Bid Opening Date /<br>Time         | Will be intimated later  |
| Contact Person                               | The Associate Dean (P&D, SEMW/SEIE),<br>NIT Andhra Pradesh, Tadepalligudem.<br>Email: <a href="mailto:ad_pdca@nitandhra.ac.in">ad_pdca@nitandhra.ac.in</a> |
| Reference No:                                | <b>NITANP/SMMD/TENDER/2024-25/09</b> <b>Date: 08.05.2024</b>   |

**Signature of the Bidder with stamp**

### CLARIFICATIONS

Queries, if any, can be made through e-mail only to [ad\\_pdca@nitandhra.ac.in](mailto:ad_pdca@nitandhra.ac.in) and cc to [purchase@nitandhra.ac.in](mailto:purchase@nitandhra.ac.in) on or before **17.05.2024**. Queries received via any mode other than e-mail id mentioned above shall not be entertained. The queries should only be sent in the following format on the official letter head of the company.

| S. No. | Page No.<br>(TenderRef.) | Clause<br>(Tender Ref.) | Description<br>(TenderRef.) | Query |
|--------|--------------------------|-------------------------|-----------------------------|-------|
|        |                          |                         |                             |       |

If there is any addendum/corrigendum related to tenders, it shall only be published on NIT Andhra Pradesh website ([www.nitandhra.ac.in](http://www.nitandhra.ac.in)) and <https://eprocure.gov.in/epublish/app>. The Bidders are advised to check NIT Andhra Pradesh website and Central Public procurement portal regularly. No other mode of notice will be given.

The Bidders are requested to submit the bids after issue of clarifications duly considering the changes made, if any. Bidders are totally responsible for incorporating/complying the changes/amendments issued, if any, during pre-bid meeting in their bid.

If the last date of receiving/opening of the bids coincides with a holiday, then the next working day shall be the receiving/opening date.

**The bid along with relevant documents should be attached with original EMD and Tender processing fee. Physical submission of bid only shall be considered.**

**Associate Dean, SMMD  
NIT ANDHRA PRADESH**

**BID**

**File No: NITANP/SMMD/TENDER/2024-25/09**

**Date: 08.05.2024**

**Sub: Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus**

Sir/Madam,

Bids are invited on the Box/Open Tender platform from the reputed registered Contractors/Contracting firm in the relevant experience. The details of bidding conditions and other terms can be downloaded from the NIT Andhra Pradesh website and Central Public procurement Portal.

The attested copies of all the documents of bid, signed undertaking of Bidder should be submitted offline mode only to **The Director, NIT Andhra Pradesh, Tadepalligudem**, on or before opening of bid.

The participating Bidder/s shall have to pay tender processing fee (non-refundable) and EMD for the amounts specified in the Statement related to bids, in the form of DD drawn in favor of the Director, NIT Andhra Pradesh, Tadepalligudem.

Further, the Successful Bidder shall furnish a part of a bid as Performance Guarantee specified in the Statement related to bids, to be paid in the form of BG as mentioned in the Tender Schedule.

NIT Andhra Pradesh, Tadepalligudem, will not accept the tenders from blacklisted contractor/Contracting Firms, whose past performance with NIT-Andhra Pradesh was found poor due to delay in similar nature of experience and those with failures, and also against whom there have been adverse reports of sub-standard quality, as defined in the other parts of the bidding documents.

**Signature of the Bidder with stamp**

**STATEMENT RELATED TO BIDS**

|  |  |
|--|--|
| Name of work   | <b>Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus</b>  |
| Location of work   | NIT Andhra Pradesh   |
| Estimated Cost Value (ECV)                               | <b>Rs. 21,65,000/-</b>   |
| Bid Document Fee/ Tender Processing Fee (Non-refundable) | <b>Rs.500/-</b> by way of RTGS/NEFT from any Nationalized bank drawn in favor of the Director NIT Andhra Pradesh, Payable at Tadepalligudem.<br><b>Account Name:</b> Director NIT Andhra Pradesh<br><b>A/C No:</b> 35579546371<br><b>IFSC Code:</b> SBIN0016305<br>Submit for evidence of payment Receipt. |
| EMD  | <b>Rs.44,000/-</b> by way of DD from any Nationalized bank drawn in favor of the Director NIT Andhra Pradesh, Payable at Tadepalligudem. Bidders registered with NSIC, MSMEs etc. will be exempted from EMD payment. Subjected to documentary evidence.  |
| Bid Validity Period                                      | 90 days from the date of opening of financial bid  |
| EMD Validity Period                                      | 90 days from the date of opening of financial bid  |
| Period of furnishing Performance Guarantee               | Within 14days from date of receipt of LOA  |
| Performance Guarantee Value                              | 5% of contract value as approved by competent authority  |
| Performance Guarantee Validity Period                    | 12 months from the date of completion of work  |
| Period for signing the order of acceptance               | Within 14 days from date of receipt of LOA   |
| Work Completion time                                     | 60 days  |

## TENDER SCHEDULE

### **PREMEABLE:**

National Institute of Technology, Andhra Pradesh is the 31st NIT among the chain of NITs started by the Government of India. NIT Andhra Pradesh is established in the state of Andhra Pradesh in the academic year 2015 – 2016.

Sealed tenders (percentage rate) are invited under two bid system i.e., technical bid and financial bid from reputed contractor/contracting firms registered for the Recommissioning and construction of Tubewells at NIT Andhra Pradesh Campus

### **SCOPE OF WORK:**

#### **Bidder Scope:**

Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus.

- Drilling of tubewells (Borewells)
- Flushing of existing tubewells (Borewells)
- S, I, T, C of motors, pump sets and control panel boards
- Providing and fixing PVC casing pipe
- Providing and fixing PVC slotting pipe
- Gravel packing
- Supply and laying of HDPE Pipe
- Construction of brick masonry
- Plastering
- Other electrical, civil and plumbing related works

### **GENERAL CONDITIONS**

1. The work shall be carried out as per CPWD specification 2019 Vol-I & II with up-to-date correction slips. For the items which are not covered under CPWD Specifications; B.I.S. specifications shall apply. In this regard the decision of Engineer-in- charge shall be final.
2. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.
3. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the program for execution accordingly, for which nothing extra shall be paid.



4. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, Labour Laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.
5. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall not be allowed to erect any temporary set up for staff in the campus.
6. All required register will be issued by Engineer-in-Charge/Executive Engineer duly marked in chronological order but the contractor will have to arrange all such registers/stationery etc. Nothing extra shall be paid on this account.
7. No claim whatsoever for idle labour, additional establishments, costs of hire and labour charges for tools and plants etc. would be entertained under any circumstances.
8. For the safety of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provisions of Safety code and directions of the Engineer-in-charge make all arrangements to provide facility as per the provisions of Indian Standard Specifications (Codes) listed below and nothing extra shall be paid on this account.
  - (a) IS 3696 Part I Safety Code for scaffolds and ladders
  - (b) IS 3696 Part II Safety Code for scaffolds and ladders Part II ladders
  - (c) IS 764 Safety Code for excavation work
  - (d) IS 7969 Safety Code for storage and handling of building materials
  - (e) IS 5216:1982 code of safety procedures and practices in electrical works
9. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards and by providing red flags, red lights and barriers. The contractor shall be responsible for any accident at the site of work and consequences thereof.
10. Contractor shall be fully responsible for any damages caused to govt. property or allotter "property by his or his labor in carrying out the work and shall be rectified by the contractor at his own cost.
11. All taxes, Labour Cess etc., as applicable shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes including GST on works. Any recovery towards GST is notified by the competent authority, the same shall be affected and no claim what so ever shall be entertained by NIT Andhra Pradesh. The contractor shall quote his rates accordingly.
12. Chases, holes & drilling works etc. shall be done using power operated tools in the cost of contract. No extra will be paid for the same.
13. The agency shall restore back the premises and other articles provided by the department to the department at the time of closure of the contract.

14. In the case of discrepancy between the schedule of quantities, the Specifications and/or the Drawings, the following order of preference shall be observed: -
- Description of schedule of quantities.
  - Additional specifications and special conditions, if any.
  - Contract clauses of General conditions of contract for Central P.W.D. works.
  - CPWD specifications.
  - Architectural drawings.
  - Indian standards specifications/BIS. (vii) Sound engineering practice. Any reference made to any Indian standards specifications in these documents, shall imply to the latest version of that standard, including such revisions/amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.
15. The contractor and /or his authorized agent should see the site order book every day and get the compliance of instruction given by the JE/AE/EE (E-I/C) as per time schedule.
16. In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by the Engineer-In-Charge, NITAP and other senior officers of NITAP and his authorized representative. The contractor shall at times during the usual working hours and at all times at which reasonable notices of the intention of the Engineer- in-Charge or other officers as stated above to visit the works shall have been given to the Contractor, either himself be present to receive the orders and instructions or have a responsible Site Engineer duly accredited in writing, to be present for that purpose Senior Officers of NITAP Authorities shall also be inspecting the on-going work at site at any time with or without prior intimation.
17. All the debris during the execution of work shall be cleared every now and then and site shall be kept clear by the contractor at all times.
18. The contractor has to make his own arrangements for the watch and ward of the materials and other installations till the installation / work is completely handed over to the department. No extra claim will be entertained on account of this. Any damage to the materials during or under storage will be to the contractors account.
19. No quantity deviation is permitted without written approval of the competent authority. Permissible deviation shall be sanctioned by the competent authority as per the agreement. Deviation beyond permissible limits shall be sanctioned by the competent authority as per the prevailing Local Market Rates only and the decisions of the department is final and binding on the contractor.

**ELIGIBILITY CRITERIA:**

1. The bidder should have a valid GST Certificate.
2. Bidder must have any one of below registration certificate
  - a. CPWD Class-V (or) above
  - b. Any state government PWD Class-IV (or) above
  - c. Any Organization of state/Central government organization Class-I (or) above.
3. The bidder must have a valid PAN Card and the same should be reflected in all financial statements.
4. The average annual turnover of FY. 2020-21,2021-22 and 2022-23 should be at least 9 Lakhs issued by CA with UDIN Number.
5. The bidder should submit audited financial statements (balance sheets) for the FY 2020-21, 2021-22 & 2022-23 along with relevant income tax returns for the concerned years i.e., AY 2021-22, 2022-23 & 2023-24.
6. Bidder must have successfully completed the works pertaining to the establishment of Civil infrastructure with the conditions and value of work/purchase orders along with satisfactory certificates defined as under during the period of 01-04-2020 to 31-03-2023.
  - One work pertaining to the establishment of Civil infrastructure costing not less than the amount equal to Rs.17,32,000/- (Rupees Seventeen Lakhs Thirty-Two Thousand only).

OR

  - Two works pertaining to the establishment of Civil infrastructure costing not less than the amount equal to Rs.10,83,000/- (Rupees Ten Lakhs Eighty-Three Thousand only).

OR

  - Three works pertaining to the establishment of Civil infrastructure costing not less than the amount equal to Rs.8,66,000/- (Rupees Eight Lakhs Sixty-Six Thousand only).
7. All the payments received against the claim of Work Orders at Clauses (6) above should be reflected in Form 26AS. Else the Work/Purchase Order is treated as invalid.
8. Each page of the tender document along with all other submitted documents must be duly signed by the Authorized signatory with Bidder's signature and seal.

**Name and Signature of bidder with seal**

**METHOD OF SUBMISSION OF BIDS:**

1. The bid documents can be downloaded from the Institute website <https://www.nitandhra.ac.in/main/tender> and CPP portal <https://eprocure.gov.in/epublish/app>.
2. The bids should be filled in two bid formats with all the required documents as enclosures in separate sealed covers i.e., (a) Part-I Technical bid, (b) Part-II Financial bid

Two separate sealed covers should be specifically super-scribed as (a) **“Technical bid for Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus”** and (b) **“Financial bid for Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus”**.

3. Both the sealed envelopes (a) and (b) are to be kept in another Master envelope, which should also be sealed and submitted.

The Master envelope should be super-scribed with **“Tender for Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus”** and shall be addressed to

**The Tender Box,  
Material Management & Disposal Section,  
Sardar Vallabhbhai Patel Administrative Vista Building,  
NIT Andhra Pradesh, Kadakatla, Near NH-16  
Tadepalligudem-534101, West Godavari District, Andhra Pradesh.**

4. Last date for submission of bid documents is 29.05.2024 up to 03:00PM.
5. Bids received after the due date and time shall be summarily rejected.
6. Incomplete bids or bids not submitted in prescribed format are liable for rejection.
7. Institute will not be responsible for Postal delay.

**Name and Signature of bidder with seal**

## **EVALUATION PROCEDURE:**

1. At the first stage, the Technical Bids shall be opened in the presence of Bidders, who may like to be present on **29.05.2024 at 03.30PM.** in **Material Management & Disposal Section,** Sardar Vallabhbhai Patel Administrative Vista Building of NIT Andhra Pradesh, Tadepalligudem.
2. IPC would evaluate the technical bids submitted by the Bidders.
3. Prior to detailed evaluation, the Institute will determine the substantial responsiveness of each bid to the tender document. A substantially responsive bid is one which conforms to all the terms and conditions of the bidding/tender document and is without any material defects and deviations. Deviations from, or objections or reservations to critical provisions such as those concerning qualification/eligibility criteria, availability of facilities and amenities as needed, availability of government/statutory approvals and clearances, ready and explicit willingness to accept and honor the terms and conditions of contract etc. will be deemed to be material deviations.
4. If a bid is not substantially responsive, it will be rejected by the Institute and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
5. Only those Bidders whose technical bids have been found to be substantially responsive would be evaluated.
6. The Financial bids of those Bidders only shall be opened who qualified in the Technical Evaluation. The Institute will award the contract to the Successful Bidder, whose financial bid is the lowest price bid among all the quoted bids. The decision of the Director, NIT Andhra Pradesh, Tadepalligudem, is final in this regard. In case of a tie, the contract will be awarded to the firm that has the highest Average Annual turnover for the last three years.
7. Tenders with revised/modified rates/offer after opening of the tenders shall be summarily rejected and the entire Earnest Money Deposit (EMD) submitted with the tender shall be forfeited.
8. The tender is not transferable under any circumstances.
9. Telegraphic, conditional or incomplete tenders shall not be accepted. Canvassing of any kind, directly or indirectly shall lead to disqualification of the Bidder.

**Name and Signature of bidder with seal**

### **RESOLUTION OF DISPUTES:**

In the event of any dispute arising out of or in connection with this contract, whether during the subsistence of the contract or thereafter, the matter shall be referred to the Director, NIT Andhra Pradesh, Tadepalligudem, or any other officer nominated by the Director, NIT Andhra Pradesh, Tadepalligudem, for arbitration whose decision shall be final and binding on both the parties. The Agency agrees that the arbitrator could be an employee of the Institute and shall not have any objections in this regard. The proceedings before the arbitrator would be governed by the provision of the Arbitration Act 1996.

### **STATUTORY OBLIGATIONS**

The Bidder will strictly observe and follow the following statutory regulations/acts as well as any new rules/changes as applicable, during the period of this contract. He shall be solely responsible for failure to fulfil these statutory obligations. The successful bidder shall indemnify

is deemed to have indemnified NIT Andhra against all such liabilities which are likely to arise out of the Contractor's failure to fulfil such statutory obligations. All documents, registers pertaining to this contract shall be maintained meticulously and

shall be provided periodically for inspection. The salient features of the statutory regulations/acts are listed below and it is the responsibility of the selected Bidder that these regulations/acts and their amendments from time to time are strictly adhered to in totality. Even if the Bidder appointed for this contract may be exempt from any or all of the following employee-friendly legislation, it is incumbent on all Contractors to cover all their employees / workmen cover by this tender with these cover / benefits.

### **COMMENCEMENT OF WORK:**

The Successful Bidder should start the work with effect from the date of commencement of Agreement by mutual consent. In case, it is found that the work has not been taken up from the date of commencement of Agreement, the NIT Andhra Pradesh, Tadepalligudem, at its sole discretion may cancel the work order and the Performance guarantee shall be forfeited without any further reference to the Bidder. Further, the work order will be awarded to next least quoted bidder with the same terms and conditions.

### **DISCLAIMER:**

Even though adequate care has been taken in the preparation of this Tender Schedule the Bidder should satisfy himself that the Schedule is complete in all respects.

NIT Andhra Pradesh not their employees make any representation or warranty as to the accuracy, reliability or completeness of the information in this Tender Schedule and it is not possible

for the NIT-Andhra Pradesh to consider the investment objective, Price situation and particular needs of each party who reads or uses the Tenders Schedule. Certain prospective Bidders may have a better knowledge of the scope of work than others. Each prospective Bidder should conduct his own investigations and analysis and check the accuracy, reliability and completeness of the information in the Tender Schedule and obtain independence advice from appropriate sources.

The Registrar, NIT-Andhra Pradesh reserves the right to change any or all of the provisions of this request for Proposal. Such changes would be intimated to all parties procuring this request for Proposal.

The Registrar, NIT-Andhra Pradesh reserves the right to reject any or all the Bids submitted in response to this request for Proposal at any stage without assigning any reasons whatsoever.

**JURISDICTION:**

The Court of Tadepalligudem alone will have jurisdiction to try any matter/dispute or reference between the parties arising out of this agreement/contract

DECLARATION

(To be provided on letter head of the Bidder and submit along with bid)

I / We \_\_\_\_\_ do hereby certify that our firm is not blacklisted and no enquiries / cases are pending against us by Govt. of India / Govt. of Andhra Pradesh or by any State Board Universities, since inception of the firm / company.

All the terms and conditions given in the tender draft with File No: NITANP/SMMD/TENDER/2024-25/09 Date: 08.05.2024 for **“Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus”** issued by the NIT Andhra Pradesh, Tadepalligudem, are acceptable to us.

We also certify that the information mentioned in the submitted documents is true and complete in any every respect and explicitly agree that in case at a later date it is found out by the Institute (NIT Andhra Pradesh, Tadepalligudem) that any details provided herein by us are incomplete/incorrect, any contract given to us may be summarily terminated forthwith, our firm may be blacklisted, and that the Institute may also initiate any other legal/penal proceedings, as deemed fit by it.

Date:

Place:

Authorized Signatory

Name:

Designation:

Company:

Contact No:

Company Seal:



**General information/Checklist**

All the commercial conditions shall also be indicated in this part. Deviations, if any, to our specifications shall be brought out very clearly. Bidders shall mention point-wise confirmation with regard to technical specifications given in our Enquiry.

| <b>S. No</b> | <b>Particulars</b>   | <b>Yes</b> | <b>No</b> |
|--------------|--|------------|-----------|
| 1            | Copy of original tender draft downloaded from the NIT Andhra Pradesh website.  |            |           |
| 2            | In the form of RTGS/NEFT from National Bank towards Tender Processing Fee  |            |           |
| 3            | Crossed Demand Draft from National Bank towards EMD  |            |           |
| 4            | Copy of firm registration  |            |           |
| 5            | Bidder must have any one of the below registration certificates<br>a. CPWD Class-V (or) above<br>b. Any state government PWD Class-IV (or) above<br>c. Any Organization of state/Central government organization Class-I (or) above.     |            |           |
| 6            | Copy of GST registration   |            |           |
| 7            | Copy of PAN card   |            |           |
| 8            | Copy of relevant work order(s)   |            |           |
| 9            | Copy of Work satisfactory certificate(s)   |            |           |
| 10           | Copy of Financial turnover certificate issued from Chartered Accountant with UDIN on his letter head.  |            |           |
| 11           | Copies of Income Tax Saral form>Returns along with Audited financial statements, Profit and Loss Account, Balance sheets, Form 26AS and 3CA&3CB for last 3 years subjected to financial statement submitted to firm/proprietary/company. |            |           |
| 12           | Declaration in the format given by the Institute   |            |           |
| 13           | Financial bid cover  |            |           |

**Enclose all certificates in support of the above statements.**

Date:

Authorized Signatory

Name:

Place:

Designation:

Company:

Contact No:

Company Seal:

**Bill of Quantities**

| SLNo | Description of Items  | Qty | Unit | Rate  | Amount    |
|------|---|-----|------|-------|-----------|
| 1    | Drilling of Bore well 300 mm dia for Agency area Drilling of Bore well with Rotary Rig per RM<br>Drilling of Bore hole (which may be carried out by pilot bore hole) to a finished dia of 300 mm hole by Rotary drilling rig in all formations suitable for Rotary drilling such as alluvium, Loamy, clayey, sandy, burried channels, highly disturbed and bouldary zones high sheared and fractured zones followed by jointed to massive soft, medium rock, all formations typical and suitable for rotary drilling etc. including insertion of casing pipe couplings, cap, plug fixation, and including filling the peripheral gap with rebullied pebbled gravel packing, bore development, conducting yield test, and all other required in the fixation of pipes assembly etc. but excluding the cost of casing pipe, couplings, dummys, clamps etc., as recommended by the departmental Geologist. The bore should be developed with compressor air until clear water free from sand and other materials continuously discharged. The size of gravel used for gravel packing should be as per ISI specification used for rotary tube well. The pebbled gravel packing should be carried out in such a way that the theoretical quantity consumed completely. |     |      |       |           |
|      | The entire work to be carried out as per I.S. 2800 Part - I & II of 1979 and including cost of all materials and all labour charges and excluding all taxes etc.,   |     |      |       |           |
|      | Drilling of Bore well of 300 mm dia   | 400 | mtrs | 1050  | 420000.00 |
| 2    | Flushing of bore well of dia 165/150 mm with power rig at an average pressure of 150 PSI, including crew charges, completely done to the satisfaction of the department including detachable of all accessories and refix all materials as per the original condition including all labour charges, but excluding cost of materials& excluding taxes etc., complete,  |     |      |       |           |
|      | for 165/150 mm dia Bore wells per 1 Job   | 3   | Nos  | 9975  | 29925.00  |
| 3    | Supply and Transportation of 5HP, 5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with waterproof winding, Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415V $\pm$ 10%, Three Phase 50 Hz AC supply etc complete for 6" Bore well. Makes: As per list of recommended brands as category I.   |     |      |       |           |
|      | 5.00HP, 5-10Stage   | 3   | Nos  | 37125 | 111375.00 |
| 4    | Supply and Transportation of 10 HP 20 to 24 stage,5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with waterproof winding, Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415V $\pm$ 10%, Three Phase 50 Hz AC supply etc complete for 6" Bore well. Makes: As per list of recommended brands as category I.   |     |      |       |           |
|      | 10.00HP, 20-24Stage   | 4   | Nos  | 57200 | 228800.00 |

|    |   |     |      |        |           |
|----|---|-----|------|--------|-----------|
| 5  | Providing and fixing PVC <b>casing</b> pipe suitable for 200mm dia. Borewell of approved quality and thickness of ISI mark including in fixing in required position and depth etc., complete (As per IS-1239) (6 KG/SQ CM ) (4 Nos - Proposal)  | 400 | mtrs | 1122   | 448800.00 |
| 6  | Providing and fixing PVC <b>slotting</b> pipe suitable for 200mm dia. Borewell of approved quality and thickness of ISI mark including in fixing in required position and depth etc., complete (As per IS-1239) (6 KG/SQ CM ) (4 Nos - Proposal)  | 120 | mtrs | 367.50 | 44100.00  |
| 7  | <b>Gravel packing</b> in tubewell construction in accordance with IS: 4097, including providing gravel fine/medium/coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge. (11 Nos-existing)  | 100 | cum  | 2500   | 250000.00 |
| 8  | Supplying and laying <b>50mm dia HDPE pipe</b> forming to IS-4984/14151/12786/13488 with necessary joining material like mechanical connectors i.e thread/insert joint/quick release coupler joint/compressor filling joint or flanged joint including all taxes (Central and local), transportation, freight charges, inspection charges, loading/unloading charges (3 Nos-existing)   | 160 | mtrs | 72     | 11520.00  |
| 9  | Supplying and laying <b>75mm dia HDPE pipe</b> forming to IS-4984/14151/12786/13488 with necessary joining material like mechanical connectors i.e thread/insert joint/quick release coupler joint/compressor filling joint or flanged joint including all taxes (Central and local), transportation, freight charges, inspection charges, loading/unloading charges (4 Nos)  | 280 | mtrs | 167    | 46760.00  |
| 10 | Fabrication, transportation and supply of wall mounted control panel board of size 600x600x250mm made of 18 SWG CRCA sheet steel enclosure, 14 SWG mounting plate for cable entry fabricated, painted with two coats of Red oxide primer and two coats of Grey paint, lock and key arrangements two side louvres with weld mesh inside etc., complete consisting of the following equipment with all internal wiring using L&T / Finolex copper FRLS cables of suitable size and capacity and cable clamp etc complete for 3 phase motor pump sets. |     |      |        |           |
|    | 5 HP with D.O.L starter   | 3   | Nos  | 9680   | 29040.00  |
|    | 10HP with star and delta  | 4   | Nos  | 16940  | 67760.00  |
| 11 | Supplying and erecting armored control cable <b>3 core 4 sqmm copper conductor</b> PVC insulated armored control cable with ISI mark stranded/solid copper conductor 1.1 KV Grade complete erected on wall/panel or in provided trench in an approved manner.   | 700 | mtrs | 148    | 103600.00 |
| 12 | Providing and fixing suitable size threaded <b>Stainless steel cap</b> or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: (4 Nos - Proposal)  |     |      |        |           |
|    | (a) 250 mm dia  | 4   | Nos  | 600    | 2400.00   |

|    |  |   |     |       |          |
|----|--|---|-----|-------|----------|
| 13 | Providing and fixing suitable size threaded <b>Stainless steel cap</b> or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: (3 Nos-existing)   |   |     |       |          |
|    | (a) 150 mm dia   | 3 | Nos | 530   | 1590.00  |
| 14 | Providing and fixing <b>G. I. clamp</b> of required 250mm dia to the top of casing/housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. (3 Nos - Proposal)   |   |     |       |          |
|    | (a) 250 mm clamp   | 8 | Nos | 2200  | 17600.00 |
| 15 | Providing and fixing <b>G. I. Clamp 75 mm HDPE pipe</b> of required dia to the top of casing/housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.(3 Nos - Proposal)  |   |     |       |          |
|    | (a) 75 mm clamp  | 8 | Nos | 1200  | 9600.00  |
| 16 | Providing and fixing <b>G. I. Clamp 50 mm HDPE pipe</b> of required dia to the top of casing/housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.(2 Nos-existing)  |   |     |       |          |
|    | (a) 50 mm clamp  | 6 | Nos | 1000  | 6000.00  |
| 17 | Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge. (100 hrs/each) | 4 | Nos | 10000 | 40000.00 |
| 18 | Providing and fixing <b>Bail plug/ Bottom plug</b> of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I)  |   |     |       |          |
|    | (a) 250 mm dia (4 Nos - Proposal)  | 4 | Nos | 500   | 2000.00  |
| 19 | 50mm GI T bend 200mm length  | 3 | Nos | 550   | 1650.00  |
| 20 | 75mm GI T bend 200mm length  | 4 | Nos | 950   | 3800.00  |
| 21 | 50mm GI Elbow  | 6 | Nos | 530   | 3180.00  |
| 22 | 75mm GI Elbow  | 8 | Nos | 900   | 7200.00  |
| 23 | 50mm HDPE Pipe SS Nipple (one side threaded)   | 6 | Nos | 1750  | 10500.00 |
| 24 | 75mm HDPE Pipe SS Nipple (one side threaded)   | 8 | Nos | 1450  | 11600.00 |

|    |  |      |     |         |          |
|----|--|------|-----|---------|----------|
| 25 | 50mm SS Nipple (both sides threaded) along with nuts & bolts along with nuts & bolts   | 12   | Nos | 600     | 7200.00  |
| 26 | 75mm SS Nipple (both sides threaded) along with nuts & bolts along with nuts & bolts   | 20   | Nos | 900     | 18000.00 |
| 27 | 50mm GM Flange set with gasket 5 mm thickness  | 6    | Nos | 800     | 4800.00  |
| 28 | 75mm GM Flange set with gasket 5 mm thickness  | 8    | Nos | 1000    | 8000.00  |
| 29 | Brass Gate Valve 50mm  | 6    | Nos | 3500    | 21000.00 |
| 30 | Brass Gate Valve 75mm  | 8    | Nos | 5500    | 44000.00 |
| 31 | GI Coupling 50mm   | 6    | Nos | 400     | 2400.00  |
| 32 | GI Coupling 75mm   | 8    | Nos | 550     | 4400.00  |
| 33 | SS nuts, bolts and washers 14mm dia 75mm length  | 140  | Nos | 300     | 42000.00 |
| 34 | <b>Brickworks</b>  |      |     |         |          |
|    | Providing brick soiling in foundation and under floor with stone/best quality picked jhama back, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. |      |     |         |          |
|    | (a) Brick on flat soiling  | 3    | cum | 6317.72 | 18953.16 |
| 35 | Brickwork with cement mortar (1:4) with first-class brick including racking out joint and curing as directed   | 4.00 | cum | 9105.35 | 36421.40 |
| 36 | <b>Plain Cement Concrete Flooring 1:4:8</b>  |      |     |         |          |
|    | Providing and laying plain cement concrete works cement, coarse sand including dewatering if necessary, and curing complete  | 4    | cum | 6812    | 27248.00 |
| 37 | <b>Plastering coarse sand</b>  |      |     |         |          |
|    | 12mm thick cement plaster mix in cement mortar 1:4   | 33   | sqm | 357.35  | 11792.55 |
| 38 | <b>Geological Survey Charges excluding taxes for plain area</b>  | 7    | Nos | 1260    | 8820.00  |

**PRICE BID**

**File No: NITANP/SMMD/TENDER/2024-25/09**

**Date: 08.05.2024.**

**Name of the Work: Recommissioning and Construction of Tubewells at NIT Andhra Pradesh Campus.**

**Estimated contract value (In figures & Words) Rs. 21,65,000/- (Rupees Twenty-One Lakhs Sixty-Five Thousand only)**

I/We hereby express my/our willingness to execute the aforesaid work as per the conditions, standards, specifications, rules, regulations, etc., stipulated in the tender document.

We quote the cost equal to \_\_\_\_\_ percentage LESS/MORE of the ECV cited above.

• **Ceiling of Tender Premium:**

For all works the ceiling of tender premium shall be 5%. As per the guidelines, even after two calls if the tender premium quoted is more than 5%, the matter should be refer to the Competent authority may order for a fresh call or may constitute a committee to avoid the work on nomination to a reputed contractor from the list to be maintained by the Department on the basis of performance of contractors.

• **Discount Tenders:**

(Percentage less than estimated cost) : Tenders upto 15% less than the estimate may be accepted but for tenders which are less by more than 15% of the estimate, a bank guarantee or demand draft for the difference between the tendered amount and 85% of the estimate value should be taken so that the tenderer leaves the works midway and the department is forced to call for tenders for the work once again, the bank guarantee or demand draft shall be used to finance the re-tendered work.

**NOTE:**

- Item Rates includes GST, Labour Cess, Water Cess, CP & OH as per the Government norms.
- L1 shall be finalized only when the bidder quoted least percentage on ECV.
- 2% TDS amount of GST payable on the bills will be deducted as per the Govt. of India, Ministry of finance, Department of Revenue notification vide No.65/39/2018-DOR, dated: 14-09-2018.
- Seigniorage charges applicable as per the Government of Andhra Pradesh, Department of Mines and Geology.
- Labour Welfare Cess @ 1% shall be deducted at source from the bills of Gross Value (Which includes the cost of stipulated materials) of the work done and Government shall not entertain any claim what so ever in this respect in this contract.
- In case of a tie, the contract will be awarded to the Contractor/Contracting Firm having highest Average Annual Turnover for the FY 2020-21, 2021-22 and 2022-23.

**Signature of the Authorized Signatory**

**Name:**

**Designation:**

**Address:**

**Tel./Mobile No.:**

**E-mail ID:**

**Date:**

**Seal of the Firm:**