

**TENDER DOCUMENT  
FOR  
IMPLEMENTATION OF “WATER  
SUPPLY & TREATMENT PROJECT  
AT  
NIELIT IMPHAL”**

**TENDER NOTICE NO.: NIELIT (I)/PRJ/TENE-WECS/01**

**NAME OF BIDDER: \_\_\_\_\_**



**National Institute of Electronics and Information Technology, Imphal  
Akampat, Post Box No. 104, Imphal East – 795001, Manipur**

**PART-I**  
**GENERAL DETAILS**

Name of the Institute: **National Institute of Electronics and Information Technology, Imphal**

Address: **Akampat, Post Box No. 104, Imphal East – 795001, Manipur**

Email ID: **dir-imphal@nielit.gov.in**

Ref. No. NIELIT (I)/PRJ/TENE-WECS/01

Date: 31.08.2021

### **TENDER NOTICE**

Sealed offers are invited by 10.09.2021 up to 3.00 P.M. for and on behalf of National Institute of Electronics & Information Technology, Imphal from reputed and resourceful Contractors for the work of Implementation of Water Treatment Plant at NIELIT Imphal, Akampat, Imphal East-795001, Manipur. Tender document can be purchased from office of undersigned at NIELIT Imphal, Akampat, Imphal East-795001, Manipur. or can be downloaded from institution website

Corrigendum/Addendum if any to this would be loaded in our website & Government Portal.

For details log on to our website <https://nielit.gov.in/imphal>.

**SENIOR TECHNICAL OFFICER**

FROM: - (Full name and address of the tenderer)

M/s.....

.....

.....

.....

To,

.....

.....

**Subject: - Offer in response to Tender Notice No. ....**

Sir,

We hereby submit our offer in full compliance with terms & conditions of the attached tender in Part-I (Technical Bid) & Part-II (Financial Bid).

(Signature of Tenderer)

Seal

**NOTICE INVITING TENDER**

National Institute of Electronics & Information Technology, Imphal, Akampat, Imphal East, Manipur invites sealed tenders from reputed and resourceful Contractors having EPF/Sales tax/DVAT/PAN etc. for the under mentioned works in 3 (three) envelop system:

Name	Implementation of Water Treatment Projects
Estimated Cost	₹ 1200000
Earnest Money Deposit	2% of E.C
Time Period	3 months
Cost of Tender Document	₹ 1000
Last Date of Submission	10.09.2021 up to 3:00 pm
Date of Opening of Technical Bid	10.09.2021 at 3:30 pm

- Separate envelope(s) should be superscribed as “EMD”, “Technical Bid” and “Price Bid”.
- The tender document can only be downloaded from our website <https://nielit.gov.in/imphal> and the requisite fee shall be paid to be paid through National Electronic Fund Transfer (NEFT) or e-transfer in favour of NIELIT Imphal payable at State Bank of India, Manipur University branch; A/C no: 10678276043, IFSC Code SBIN0005320. The proof of payment along with submission of tender in a separate envelope marked cost of tender form without which the tender submitted will not be entertained.
- Tender without requisite EMD & Tender fee shall be rejected out rightly.
- The date of opening of Price Bid will be intimated to the qualified agencies separately if not opened on the same day.

Senior Technical Officer

## GENERAL PARTICULARS OF TENDERER

Sl.	Particulars	Details
1	Name of the Tenderer	
2	Postal Address	
3	Email	
4	Telephone No.	
5	Name, Designation & Contact Number of the representative of the tenderer to whom all references shall be made	
6	Nature of the firm (Individual/ Partnership/ Consortium/ Pvt. Ltd/Public Ltd. Co. /Public Sector etc.) Attach attested copy of Registration & Partnership deed/ Memorandum of Association	
7	Amount and particulars of the earnest money deposited.	
8	Annual Turnover for last three years (Attach balance sheets from CA in this regard)	
9	Name and address of the Indian/ foreign collaboration if any.	
10	GSTN Registration no. (Copies of Registration Certificates to be enclosed)	
11	Has the tenderer/firm ever been debarred by any institution for undertaking any work?	
12	Any other information attached by the tenderer (Details and Annexure / page no. where its enclosed)	

Tenderers are requested to give their full particulars and legal and financial status.

**(Signature of tenderer with Seal)**

## DECLARATION BY THE TENDERER

I/We.....

(Hereinafter referred to as Tenderer) being desirous of tendering for the work, under this tender and having fully understood the nature of the work and having carefully noted all the terms and conditions, specifications etc. as mentioned in the tender document do hereby declare that-

1. The tenderer is fully aware of all the requirements of the tender document and agrees with all provisions of the tender document and accepts all risks, responsibilities and obligations directly or indirectly connected with the performance of the tender.
2. The tenderer is fully aware of all the relevant information for proper execution of the proposed work, with respect to the proposed place of works/ site, its local environment, approach road and connectivity etc. and is well acquainted with actual and other prevailing working conditions, availability of required materials and labour etc. at site.
3. The tenderer is capable of executing and completing the work as required in the tender and is financially solvent and sound to execute the tendered work. The tenderer is sufficiently experienced and competent to perform the contract to the satisfaction of Institution, IIT Guwahati and AICTE. The tenderer gives the assurance to execute the tendered work as per specifications, terms and conditions of the tender on award of work.
4. The tenderer has no collusion with other tenderers, any employee of or with any other person or firm in the preparation of the tender.
5. The tenderer has not been influenced by any statement or promises by The Institution or IIT Guwahati or AICTE or any of its employees but only by the tender document.
6. The tenderer is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
7. The tenderer has never been debarred from similar type of work by any Government undertaking/ Department. (An undertaking on Stamp paper in this regard shall be submitted)
8. The tenderer accepts that the earnest money may be absolutely forfeited by The Institution if the tenderer fails to sign the contract or to undertake the work within stipulated time.
9. This offer shall remain valid for acceptance for 30 (Thirty) days from the proposed date of opening of the Technical Bid.
10. All the information and the statements submitted with the tender are true.

**(Signature of Tenderer)**

SEAL

# **PART-2**

## **INSTRUCTIONS TO TENDERERS**



## SECTION 1: Instruction for Tenderers

1. The details of work to be carried out and its scope is given in the "Notice Inviting Tender" which also indicate a brief description of the project where work is to be executed. The tenderers are advised to study the same carefully before tendering and they shall be deemed to have fully acquainted themselves with the same.
2. The tenderers, in their own interest, are also advised to inspect and examine the site and its surroundings and satisfy themselves, before submitting their tenders, in respect of the site conditions including, but not restricting to, the following which may influence or effect the work or cost thereof under the contract.
  - (a) Site conditions including access to the site, existing and required roads and other means of transport/communication for use by him in connection with the work.
  - (b) All other information pertaining to and needed for the work including information as to the risks, contingencies and other circumstances which may influence or effect the work or the cost hereof under this contract.
  - (c) The tenderers should note and bear in mind that the institute shall bear no responsibility for the lack of acquaintance of the site and other conditions or any information relating thereto, on their part. The consequences of the lack of any knowledge, as aforesaid, on the part of the tenderer shall be at their risk and cost and no charges or claims whatsoever consequent upon the lack of any information, knowledge of understanding shall be entertained or payable by the institute.
3. The offer should be valid for 30 days from the date of opening of the tender.
4. The tender should be submitted in the prescribed form and the same should be signed properly as laid down here under: -
  - (a) If the tender is submitted by an individual, it shall be signed by the proprietor above his full name and full name of his firm with its current business address.
  - (b) If the tender is submitted by a firm in partnership, it shall be signed by all the partners of the firm above their full name and current business addresses, or by a partner holding the power of attorney of the firm by signing the tender in which case a certified copy of the power of attorney shall accompany the tender. A certified copy of the partnership deed and current business address of all the partners of the firm shall accompany the tenders.
  - (c) If the tender is submitted by a limited company or a limited Institute, it shall be signed by a duly authorized person holding the power of attorney for signing the tender in which case a certified copy of the power of attorney shall accompany the tender. Such limited company or Institute may be required to furnish satisfactory evidence of its existence before the existence before signature.
  - (d) All witnesses and sureties shall be persons of status and their full names, occupation and addresses shall be stated below their signatures. All signatures affixed on each page in the tender will be dated.
  - (e) The tender for the works shall not be witnessed by a tenderer or tenderers who himself/themselves has/have tendered or who may and has/have tendered for the same works. Failure to observe this condition shall render the tender of the tenderer tendering as well as of the witnessing the tender liable to rejection.
5.
  - a) If during the tender validity period, the tenderer withdraws his tender the earnest money deposit shall be forfeited.
  - b) The earnest money deposit will be returned to the unsuccessful tenderers after expiry of validity period or on finalization of tender whichever is earlier.

- 6. The rates shall be written both in words and in figures. Tenderer shall also show the total of each item, the total of each schedule and the grand total of the whole contract, corrections, if any, shall be made by crossing out, initialing, dating and rewriting. In case of conflict between the figures and words in the rates, the later shall prevail.
- 7. The Institute shall have the right of rejecting all or any of the tenders and split the work between two or more parties or may reduce the scope of work and also will not be bound to accept the lowest or any other tender and the Institute's decision in this regard shall be final and binding on all tenderers.
- 8. Tenders will be opened in the presence of tenderers who may be present at the time of opening of tender. Concerned Authorized person's will on opening of tender of the absentee tenderer, prepares a statement of the attested and unattested corrections in the tender over their signatures. Such a list shall then be binding on the absentee tenderer.
- 9. The tenderers shall not be entitled during the period of validity of their offers, to revoke or withdraw their tenders or vary any terms in regard thereof without the consent of the institute in writing. Tenderer shall get his earnest money paid along with the tender forfeited for any violation of this clause.
- 10. If the tenderer fails to commence the work given in the scope of work within 02 days from the date of issue of written order to commence the work, the institute shall have a right to forfeit the earnest money deposited by the tenderer absolutely without prejudice to other rights and remedies available.
- 11. The "Notice Inviting Tender" and this "Instructions for Tenderer" shall form part of the Tender Documents.
- 12. Any addendum/corrigendum issued before the date of opening of tender will form part of tender documents.
- 13. Intending tenderers should visit the site, satisfy themselves regarding the site conditions, location of site, access roads to the site and collect all relevant information required before tendering for the work, tenderer shall be deemed to have full knowledge of the site, specifications and no excuse as regard to want of information or clarification shall be considered after the tender has been received.

Dated: \_\_\_\_\_

Signature of the Contractor

Witness: \_\_\_\_\_

1.

2.

## **SECTION 2: Criteria for Technical & Financial Qualifications: -**

- a) The yearly turnover of the agency should not be less than Rs. 15 lakhs (Rs. Fifteen lakhs) during the last three years ending 31st March of the previous year. Copy of balance sheet needs to be enclosed.
- b) The agency who has earlier worked with govt. department/ PSU's would be preferred. If worked in private sector TDS certificate may be attached
- c) The agency should have independent EPF code No. or should demonstrate its willingness to obtain the same after the award of work.
- d) The agency should have a valid sale tax, service tax, PAN, & GST Registration No. **e.** The agency should have sufficient & qualified/ experienced technical man power resources. List of such personal be supplied along with the details of their qualification & experience.
- e) The agency should have solvency limit more than Rs. 10 lakhs (Rs. Ten lakhs)
- f) The agency must have successfully completed/executed single work for an amount not less than Rs. 20 lakhs (Rs. twenty lakhs), two works for an amount not less than Rs. 15 lakhs (Rs. Fifteen lakhs) and three works for an amount not less than Rs. 10 lakhs (Rs. Ten lakhs) of similar nature. The copy of supporting documents needs to be enclosed.
- g) Earnest money must accompany with the tender and the same should only be deposited through National Electronic Fund Transfer (NEFT) or e-transfer in favour of NIELIT Imphal payable at State Bank of India, Manipur University branch; A/C no: 10678276043, IFSC Code SBIN0005320. Tender not accompanied by earnest money shall be rejected. Earnest money in any other form is not acceptable.
- h) The rates shall be written both in words and in figures. The tenderer shall also show the total of each item, the total of each schedule and the grand total of the whole contract. Corrections, if any, shall be made by crossing out, initialling, dating and rewriting. In case of conflict between the figures and words in the rates, the later shall prevail.
- i) Original Equipment Manufacturers having manufacturing facility in India. The manufacturing facility should include Fabrication, assembly as well as "FAT-factory acceptance testing" run at the same premises.
- j) Contractor should have experience of supply of Drinking water treatment plants with the govt.
- k) Only the firms having suitable infrastructure may apply giving Company's detailed
- l) profile, latest ITCC or Copies of latest Income Tax Return and proof of having done the work and giving address, telephone numbers along with performance certificate from their clients, copy of Sales Tax Registration Certificate and works Contract Tax Certificate 1985 (Form II, Rule 4(1)), Financial statements for the last three financial years and latest solvency certificate. Not more than 12 months old of any Nationalized Bank/ Scheduled Bank.
- m) The above stated requirements are compulsory to be fulfilled by the tenderer and Tendering Authority may also ask for any additional information as may be deemed necessary in public interest

### **SECTION 3: General Conditions of Contract: Interpretation & Definition**

1. The contractor shall take necessary steps to ensure that all persons employed on any work in connection with this contract have noticed that the India Official Secrets Act, 1923 (XIX of 1923) applies to them and shall continue to apply even after the execution of such work under the contract.
2. **Works to be carried out:** - The work to be carried out under the contract shall, except as otherwise provided in these conditions, include all labour materials, tools, plant, equipment, and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying in return of empties, posting, setting, fitting and fixing in position and all other labour necessary in and for the full and entire execution and completion as aforesaid in accordance with good practice and recognized principles.
3. **Discrepancies and adjustment of errors:** - The several documents forming the contract are to be taken as mutually explanatory of one another.
4. All compensation or other sums of money payable by the contractor under the terms of this contract or any other contract or any other account whatsoever may be deducted from or paid by the sale of a sufficient part of his security deposit or from any sums which may be due or may become due to the contractor by Institute on any account whatsoever and in the event of his security deposit being reduced by reasons of such deduction or sale as aforesaid, the contractor shall within fourteen days of receipt of notice of demand from the Engineer-in-charge make good the deficit.
  - 4.1 **Refund of security deposit:** - The amount deducted on account of 10% (ten) security deposit from this bill shall only be refunded to the contractor after all the defects pointed out to the contractor during maintenance period get rectified or after the payment of final bill whichever is later.
  - 4.2 No interest shall be payable to the contractor against the Security Deposit furnished/ recovered from the contractor, by the Institute.

### **5. MATERIALS:**

- A) The Contractor shall at his own expenses, provide all materials required for the work.
  - i) All material to be provided by the contractor shall be in conformity with the specifications laid down in the contract and the contractor shall, if requested by the Engineer-in-Charge, furnish proof to the satisfaction of Engineer-in-Charge that the materials so comply.
  - ii) The Contractor shall at his own expenses and without delay supply to the Engineer-in-charge samples of materials proposed to be used in the works. The Engineer-in-charge shall within seven days of supply of samples or within such further period as he may require intimate to the contractor in writing, whether samples are approved by him or not. If samples are not approved, the sub-contractor shall forthwith arrange to supply to the Engineer-in-charge for his approval fresh samples complying with the specification laid down in the contract.
  - iii) The Engineer-in-charge shall have full powers to require removal of any or all of the materials brought to site by the Contractor which are not in accordance with the contract specifications or do not conform in character or quality to samples approved by him. In case of default on the part of the contractor in removing rejected materials the Engineer-in-charge shall be at liberty to have them removed by other means. The Engineer-in-charge shall have full powers to procure other proper materials to be substituted for rejected materials and in

the event of the contractor refusing to comply, he may cause the same to be supplied by other means. All costs, which may attend upon such removal and/or substitution, shall be borne by the Contractor.

- iv) Subject as hereinafter provided in condition all charges on account of octroi, terminal or sales tax and other duties on materials obtained for the works from any source (excluding materials supplied by the Institute) shall be borne by the contractor.

**B. General:** - Materials required for the works, whether brought by the contractor or supplied by the Institute, shall be stored by the contractor only at places approved by the Engineer-in-charge, storage and safe custody of material shall be the responsibility of the contractor.

- i) Authorized person concerned with the contract shall be entitled at any time to inspect and examine any materials intended to be used in or on the works, either on the site or at factory or workshop or other place(s) where such materials are assembled, fabricated, manufactured or at any places(s) where these are lying or from which these are being obtained and the contractor shall give such facilities as may be required for such inspection and examination.
- ii) All materials brought to the site shall become and remain the property of the Institute and shall not be removed off the site without the prior written approval of the Engineer-in-charge but whatever the works are finally completed and advance, if any, in respect of any such material is fully recovered, the contractor shall at his own expense forthwith remove from the site all surplus material originally supplied by him and upon such removal, the same shall revert in and become the property of the contractor.

6. **Nuisance:** - The Contractor shall not at any time do, cause or permit any nuisance on site or do anything which shall cause unnecessary disturbance or inconvenience to owners, tenants or occupiers of other properties near the site and to the public generally.
7. **Contractor's Supervision:** - The Contractor shall either himself supervise the execution of the works or shall appoints a competent agent approved by the Engineer-in-charge if the Contractor has himself not sufficient knowledge and experience to be capable of receiving instructions or cannot give his full attention to the works, the contractor, shall at his own expense, employ as his accredited agent an engineer approved by the Engineer-in-charge. Orders given to the contractors' agent shall be considered to have the same force if these had been given to the contractor himself. If the contractor fails to appoint a suitable agency as directed by the Engineer-in-charge, the Engineer-in-charge shall have full powers to suspend the execution of the works until such date as a suitable agent is appointed and the contractor shall be held responsible for the delay so caused to the works.
8. The Engineer-in-Charge or his representative shall have powers at any time to inspect and examine any part of the works and the contractor shall give such facilities as may be required for such inspection and examination.
9. The contractor shall only engage the skilled/ semiskilled workmen of adequate qualification and experience. The contractor shall get approval from the Engineer-in-Charge before appointing the employee. The Engineer-in-Charge shall examine the qualification and experience of the person and then only the contractor shall depute the same for work.
10. **Removal of Workmen :-**The Contractor shall employ in and about the execution of the works only such persons as are skilled and experienced in their several trades and the Engineer-in-charge shall be at liberty to object to and require the contractor to remove from the works any person employed by the sub-contractor in or about the execution of the works who in the opinion of the Engineer-in-charge

misconducts himself or is incompetent or negligent in the proper performance of his duties and such person shall not be again employed upon the works without permission of the Engineer-in-charge.

11. The contractor shall indemnify and keep indemnified the Institute against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the works and against all claims, demands proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto provided always that nothing herein contained shall be deemed to render the Contractor liable for or in respect of or to indemnify the Institute against any compensation or damage caused by the excepted risks. Institute shall not be responsible at all for any compensation whatsoever.
12. For closure of contract in full or in part due to abandonment or reduction in scope of work :- If at any time after acceptance of the tender the Institute shall decide to abandon or reduce the scope of the works for any reason whatever and hence not require the whole or any part of the Works to be carried out, the Engineer-in-charge shall give notice in writing to that effect to the contractor and the contractor shall have no claim to any payment of compensation or other-wise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.
13. **Termination of contract for death** :- If the contractor is an individual or a proprietary concern and the individual or the proprietor dies and if the contractor is a partnership concern and one of the partners dies then unless the Accepting Authority is satisfied that the legal representative of the individual contractor or of the proprietor of the proprietary concern and in case of partnership the surviving partners are capable of carrying out the completing the contract, the Accepting Authority shall be entitled to cancel the contract as to its incomplete part without the Institute being in any way liable to payment of any compensation to the estate of the deceased contractor and/or to be surviving partners of the Contractor's firm on account of the cancellation of the contract. The decision of the Accepting Authority that the legal representatives of the deceased contractor or surviving partners of the contractor's firm cannot carry out and complete the contract shall be final and binding on the parties. In the event of such cancellation the Institute shall not hold the estate of the deceased Contractor and/or the surviving partners of the Contractor's firm liable for damages for not completing the contract.
14. **Cancellation of contract in full or in part:** - If the contractor
  - a) An any time makes default in proceeding with the works with due diligence and continues to do so after a notice in writing of 7 days from the Engineer-in-charge;  
**or**
  - b) Commits default in complying with any of the terms and conditions of contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-charge;  
**or**
  - c) shall offer, or give or agree to give to any person in Institute's service or to any other person on his behalf and gift or consideration of any kind as an inducement or forbearing to do or having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for the Institute  
**or**
  - d) shall enter into a contract with the Institute in connection with which commission has been paid or agreed to be paid by him or to his knowledge unless the

particulars of any such commission and the terms of payment thereof have previously disclosed in writing for the Accepting Authority/Engineer-in-charge.

15. The execution of the work shall commence within 2 days from the date on which the Institute issues written orders to commence the work. If the contractor commits defaults in commencing the execution of the work as aforesaid, Institute shall without prejudice to any other right or remedy is a liberty to forfeit the earnest money absolutely.
16. Liability for damage, defects or imperfections and rectification thereof: - If the contractor or his workmen or employees shall injure or destroy any part of the building in which they may be working or any building, road, fence, etc. contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work while in progress the contractor shall upon receipt of a notice in writing that behalf make the same good at his own expenses. In case the contractor fails to comply with the requirement of this condition, Engineer-in-charge shall have the right to get the work done by other means at the cost of the contractor. Before taking such action, however, the Engineer-in-charge shall give three days' notice in writing to the contractor.
17. **Records and measurement:** - The Engineer-in-charge shall except as otherwise stated ascertain and determine by measurement the value in accordance with the contract work done in accordance therewith. All items having a financial value shall be entered in measurement book, level book, etc. prescribed by the Institute so that a complete record is obtained of all work performed under the contract.
  - a. **Payment of account:** - Interim bills shall be submitted by the contractor at intervals of one month on or before the date fixed by the Engineer-in-charge for the work. The Engineer-in-charge shall then arrange to have the bill verified. Payment on account for amount admissible shall be made on the Engineer-in-charge certifying the sum to which the contractor is considered entitled by way of interim payment for the whole work, after deducting there from the amounts already paid the security deposit and such other amounts as may be deductible or recoverable in terms of the contract.
  - b. **Time limit for payment of final bill:** - The final bill shall be submitted by the contractor within three months of physical completion of the works. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and at rates as approved by Engineer-in-charge, shall be made within the period specified hereunder, the period being reckoned from the date of receipt of the bill by the Engineer-in-charge. After payment of the amount of the final bill payable as aforesaid has been made the contractor may, if he so desires, reconsider his position in respect of the disputed portion of the final bill and if he fails to do so within 90 days, his disputed claim shall be dealt with as provided in the contract.
  - c. **Overpayments and underpayments :-** Wherever any claim for the payment of a sum of money to the Institute arises out of or under this contract against the subcontractor the same may be deducted by the Institute from any sum then due or which at any time thereafter may become due to the contractor under this contract and failing that under any other contract with the Institute or from any other sum due to the contractor from the Institute which may be available with the Institute or from his security deposit; or he shall pay the claim be strictly regulated to the payment released by the owner of this project authority.
18. The tendered rates shall be firm for one year from the date of entering into the agreement with the Institute and no escalation shall be payable whatsoever.

19. Unless otherwise provided in the bill of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts loads and depths of the building and nothing extra shall be payable to him on this account.
20. No payment shall be made to the contractor for any damage caused by rain, floods or any other natural cause whatsoever during the execution of work. The damage to the work will be made good by the contractor at his own cost and no claim on this account shall be entertained.
21. Some restrictions may be imposed by the security staff etc. on the working and / or movement of labour, materials etc. The contractor shall be bound to follow all such restrictions instructions and nothing extra shall be payable on this account.
22. a) The operation and maintenance will be carried out in the manner complying in all respects with the requirements of relevant by laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra will be paid on this account.  
b) The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges for which he may be liable.
23. The contractor shall take all precaution to avoid all accidents by exhibiting necessary caution boards. He shall be responsible for all damages and accidents caused due to negligence on his part.
24. Institute shall not be responsible for payment of wages to the workmen employed by the contractor for various works.
25. Institute shall not be responsible for any compensation which may require to be paid to the workmen of the contractor consequent upon any injury/mishap etc.
26. The contractor shall not employ any child below the age of 18 years (as provided under article 24 of the constitution).
27. The contractor shall obtain a license under the contract Labour (regulation and abolition) Act, 170 as provided under Section-12 of the said Act before a starting the execution of the work.
28. The contractor shall ensure the payment of minimum wages to the workers employed by him as provided under the minimum wages act, 1948 and rules framed there under a may be applicable to the site of work. In no case the work will be allowed to suffer on account of payment of wages.
29. The contractor shall indemnify the Institute against all such fines, penalties, damages and claims which the Institute may have to incur on account of any breach or violation on the part of the contractor in implementing, the revisions of various Labour laws and in case the Institute is made liable for payment of any compensation or penalty of fire or damages on account of failure on the part of the contractor, the same shall be recovered/adjusted from the dues payable to the contractor by the Institute.
30. The contractor shall comply with the provisions of the payment of wages act, 1936, minimum wages act, 1948, employer's liability act, 1938, workmen's compensation act, 1923, Industrial disputes act 1957 Maternity benefit act, 1961, Mines act, 1952, Contract labour regulation and abolition act, 170, EPF act or any modification thereof or any other law relating thereto and rules made there under from time to time.
31. The engineer-in-charge shall on a report having been made by an inspecting officer as defined in the contractor's regulation have the power to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or worker by reason of non-fulfilment of the conditions of the contract for the benefit of workers, non-payment of wages or of deduction



made from his or their wages which are not justified by the terms of the contract or non-observance of the said contractors labour regulations.

32. **Amendments:** Government may, from time to time, add to or amend these rules and issue such directions, as it may consider necessary for the proper implementation of these rules or for the purpose of removing any difficulty, which may arise in the administration thereof.
33. Service tax if applicable and becomes necessary to be deducted at source will be deducted from the bills of the agency. The agency will however take care for depositing the service tax himself to the appropriate authorities.
34. If the performance of the Agency is found satisfactory the contract period may be extended for further period subject to the approval from the client.

#### **SECTION 4: Special Conditions of Contract**

1. The bill of quantities is as per the detail enclosed with this tender document.
2. **Deduction of income tax:** National Institute of Electronics & Information Technology, Imphal shall deduct income tax at source from all the payments to be made to the contractor in accordance with the provisions of India Income Tax Laws as applicable to the contractor from time to time.
3. **Liability for EPF deduction:** The contractor shall be responsible for deduction contribution towards Employees Provident Fund from its employees and deposit the same along with its contribution to the concerned Regional Provident Fund commissioner under the Employees Provident Fund and Misc. Act, 1952 as amended from time to time.
4. **Price variation:** Quantities given in the tender document may increase or decrease. No extra payment shall be made for variation in quantities, whatever may be to the percentage of increase or decrease in the quantities of any item. Rates shall remain firm even if certain items are required to be deleted.
5. **Mobilization advance:** No mobilization advance will be paid.
6. **Work Contract Tax:** Work contract tax will be recovered from each running account bill as applicable.
7. **Taxes, duties, levies etc.:** The contractor shall be responsible for the payment of all taxes, duties, levies, octroi, labour cess etc. all materials articles that may be used in this work. Any increase in the aforesaid taxes, duties and levies etc. that may arise during the currency of the contract shall not be paid to the contractor by Institute.
8. **Security deposit:** The contractor shall permit the Institute at the time of making any payment to him for work done under the contract to deduct towards the security deposit at the rate of 10% (ten percent) of gross amount of each account and final payment. The earnest money deposited by the successful tenderer at the time of tender will be treated as part of security deposit.
9. **Refund of security deposit:** The security deposit so deducted shall only be refunded to the contractor after all the defect pointed out during operation and maintenance period gets rectified or after the payment of final bill whichever is later. In case the contractor fails to get the rectification done at his own cost, Institute shall have the right to get the same done at the risk and cost of the contractor.
10. All the materials to be incorporated in the works under this contract must be of reputed makes and /or as approved by the Engineer-in-charge.
11. The Engineer-in-charge reserves the right to increase or decrease the number of workmen to be deployed for the works to any extent.
12. The Engineer-in-charge reserve the right to deploy the workmen of the contractor anywhere in the Campus of the National Institute of Electronics & Information Technology, Imphal as per the requirement.
13. Items for routine maintenance of electrical installation, which could not be specified in above details, will also be covered under this contract.
14. The contractor will provide consumable like cloth, etc. cleaning insulation, electric tubes, bulbs, CFL, Teflon tape, fittings, taps, tower bolt, hinges, M-seal, glass, cleaning material (like phenyl, surf, wipers, etc.), pesticides, fertilizer, etc. for which nothing extra shall be payable.

15. Contractor will be responsible to bring to immediately notice of the Engineer-in-Charge any abnormal functioning or faulty operation of any equipment and take timely steps to avoid breakdown/ disruption.
16. Contractor shall be responsible for any damage to the equipment, machinery or system on account of negligence/ fault of the contractor's authorized staff and the same will have to be made good at his risk and cost.
17. All dismantled materials resulting from replacement shall be returned to the Engineer-in-Charge or the representative appointed by him.
18. The operating staff will maintain daily log book and get it duly verified from the Engineer-in-Charge or his authorized agent.
19. The operating staff will be provided essential operation/ maintenance/ hand tools including multi meter, mugger, openers etc. by the contractor.
20. In case of absence from duty deductions shall be made @ 1.50 Times of salary of concerned workmen from the RA bill of the contractor.
21. The contractor has to follow all electricity rules as amended from time to time and contractor shall be responsible for any mishap due to negligence on his part.
22. In the event of break down or major maintenance works, any extra staff required thereof and for cable jointing and for handling heavy equipment shall be your responsibility and no extra charges shall be payable on this account.
23. **Uniform:** The contractor has to provide two pairs of uniforms of approved color to his employees while on duty within the premises they shall always be in uniform.
24. The contractor shall arrange and provide uniform and identity card to the workmen within one month from the date of works order issued, failing which an amount of Rs. 500/- per month shall be deducted from the subsequent monthly bills every month till such time the contractor provides the uniform to the workmen.
25. In case of negligence of part of the contractor for operation and maintenance of electrical, HT/ LT panels and its associated accessories a prorated recovery shall be made from due payments of the contractor for the period and its associated accessories remain non-operational.
26. **Service Tax:** The rates are inclusive of Service tax as applicable from time to time.  
The contractor shall have to furnish the deposit challans to the Institute in token that the service tax for the work has been paid by him.
27. Office Attendant & Inspection vehicle for site visit shall be provided by the Agency till the awarded work is completed for which no extra payment will be made to the agency otherwise, 1% (one percent) will be recovered from every running account bill.

**PART-3:  
GENERAL TECHNICAL  
PARAMETERS**

**Design  
Basis**

**Requirement:**

About 40% of the NIELIT Imphal Campus is wetland areas. There are huge water bodies and wetland areas inside the campus which is use to harvest rainwater. Quality of the harvested rainwater is not at desirable level of consumption and day to day uses. This harvested rainwater will be treated properly by constructing a treatment unit and the treated water will passed to the internal water distribution network through overhead water supply tank.

The objectives of the work is:

- (i) Treatment of harvested rainwater and converts it to safe drinking water.
- (ii) To provide safe drinking water to about 600 people.

And, the following components are to be developed:

- (i) Construction of water treatment unit
- (ii) Installation of water filter media
- (iii) Laying of water pipes from water bodies to treatment unit and treatment unit to the overhead water supply tank and,
- (iv) Installation 02 nos. of 2HP water pump sets.

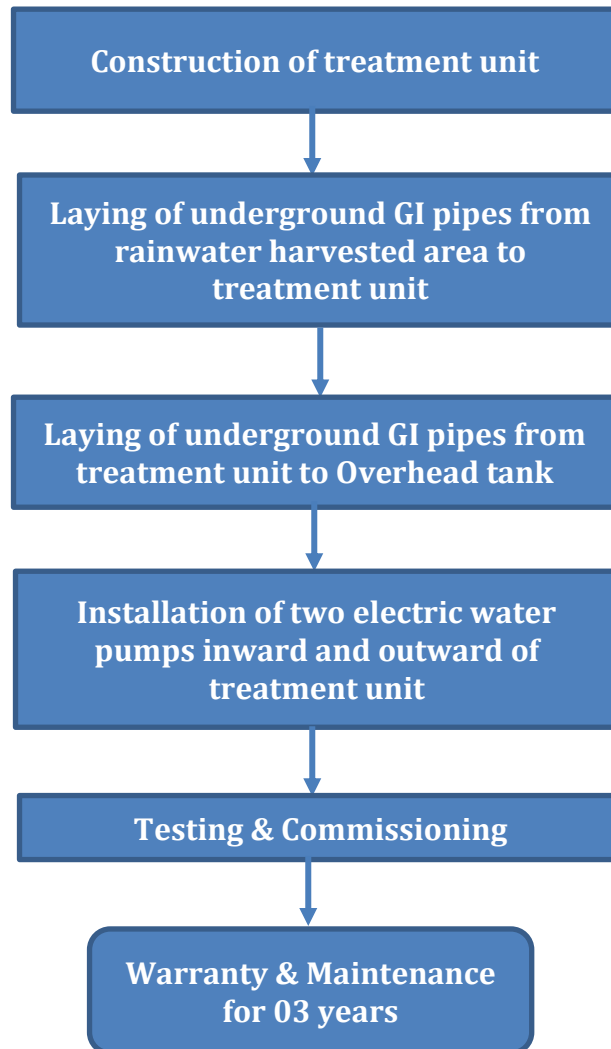
**Design Raw Water Analysis:**

The system has been designed based on the following raw water characteristics:

**Raw Water Test Report**

Sl.	Test	Value of the result
1	pH	7
2	Alkalinity	100 mg/L
3	Hardness	200 mg/L
4	Chloride	30 mg/L
5	Total dissolved solids	420 mg/L
6	Fluoride	1mg/L
7	Iron	NIL
8	Ammonia	0.5mg/L
9	Nitrate (NO <sub>2</sub> )	NIL
10	Nitrate (NO <sub>3</sub> )	NIL
11	Phosphate	NIL
12	Residual chlorine	NIL

## PROCESS DESCRIPTION & FLOW DIAGRAM



# Technical Specification:

## DESIGN OF TYPICAL WATER SUPPLY TREATMENT PLANT AT NIELIT

5

Population of Institute	=	500 Heads	
Water Demand @ 70 lpcd	=	35000 Litres	
Capacity	=	35000 litres	
Losses and wastages (UFW) @ 15%	=	5250 litres	
	=	<u>40250 litres</u>	

### 1. SETTLING TANK

Assuming distension period	=	6.00 hrs
Pumping hour	=	20.00 hrs
Capacity of ST (Dm x Dp /hr)	=	10500.00 litres
	=	10.50 cum

Assuming- h=	2.50
Area=	4.20
B=	1.45
L=	2.90

Size of ST=	2.90	x	1.45	x	2.50
Provide a size of	3.00	x	1.50	x	2.50

### 2. SLOW SAND FILTER

Rate of filtration (r.o.f)	=	150.00 lts/sqm/sec				
Capacity of SSF (D=2.50m) (Dm/hr x r.o.f)	=	11.67 sqm				
Hence size of SSF required	2.42	x	2.42	x	2.5	2 units
<b>Provide a size of</b>	<b>2.50</b>	<b>x</b>	<b>4.60</b>	<b>x</b>	<b>2.8</b>	<b>(1 units)</b>

### 3. SERVICE RESERVOIR

Capacity of SR (Dm/3)	=	17500.00 litres
	=	17.50 cum
	=	3888.89 Gall

Assuming h=	2.5
L=B=	2.65 m
Size=	2.65
<b>Provide a size of</b>	<b>2.50</b>
	<b>x</b>
	<b>2.65</b>
	<b>x</b>
	<b>2.50</b>
	<b>x</b>
	<b>3.10</b>

### 4. DESIGN OF PUMPSETS AT INTAKE

#### Design of pumpset:(intake)

Suction Head =	10.00 m		
Delivery Head =	5.00 m		
Length of raw water =	300.00 m		
Frictional Loss =	$4flv^2/2gd$	=	27.52 m
Total Head =	42.52 m		
Discharge ( Q ) =	40250.00 lit	=	0.000559028 cumec
BHP (wQH/75) =	0.32		
HP =	0.53 HP		
<b>Say, =</b>	<b>2 HP</b>		

### 5. DESIGN OF PUMPSETS AT PLANT

#### Design of pumpset:(Plant)

Suction Head =	5.00 m		
Delivery Head =	15.00 m		
Length of pipeline =	30.00 m		
Frictional Loss =	$4flv^2/2gd$	=	1.38 m
Total Head =	21.38 m		
Discharge ( Q ) =	40250.00 lit	=	0.000559028 cumec
BHP (wQH/75) =	0.16		
HP =	0.27 HP		
<b>Say, =</b>	<b>2 HP</b>		

# **PART-4**

## **COST ESTIMATE**



## BILL OF QUANTITIES

NAME OF WORK: - TENDER FOR THE WORK OF WATER TREATMENT SYSTEM OF  
**National Institute of Electronics & Information Technology, Imphal**

Detail BOQ as per Bidder designed with amount and tax shown separately is required to attach with this document.

<b>Sl. No.</b>	<b>Description</b>	<b>Qty</b>	<b>Amount</b>
	<b>Total</b>		

Total Amount including all taxes is: Rs. ----- (Rs. -----)

AMC Charges for First Year: -----

AMC Charges for Second Year: -----

AMC Charges for Third Year: -----

Signature of Bidder

# **PART-4**

## **CONTRACT FORMS**

## BIDDER'S GENERAL INFORMATION

To,

**National Institute of Electronics & Information Technology, Imphal**  
Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR "WATER TREATMENT PLANT."**

1	Bidder's Name	
2	Status of Form	Proprietorship Firm/Partnership firm/Limited/other If Others Specify: _____ [Enclose certificate of Registration]
3	Name of the Proprietor/Partner/Directors of the firm/company	
4	No. of years in Operation	
5	Address of Registered Office: * In case of Partnership firm, enclose letter mentioning current address of the firm and the full names and current addresses of all the partners of the firm.	City:
		District:
		State:
		PIN/ZIP
6	Bidder's address where order/contract is to be placed	City:
		District:
		State:
		PIN/ZIP
7	Address from where Goods/Services are to be dispatched/providing along with GST no. (In case supply of Goods/Services are from multiple locations, addresses and GST no. of all such locations are to be provided).	City:
		District:
		State:
		PIN/ZIP
		GST No.
8	Telephone Number of address where order is to be placed	
9	Email Address	
10	Website	
11	Fax No.	
12	ISO certification, if any	{if yes, furnish details}
13	Bid Currency	
14	Banker's Name	
15	Branch	
16	Bank Account Number	
17	PAN No.	[Also, Enclose copy of Pan card]
18	GST No.	[Also, Enclose copy of GST certificate]
19	EPF Registration No.	[Also, Enclose copy of EPF Registration Certificate]
20	ESI code No.	[Also, Enclose copy of relevant document]
21	Whether Micro/Small/Medium Enterprise	[Bidder to submit documents as specified it ITB]
22	Type of Entity	Corporate/Non-Corporate (As per CGST/SGST/UTGST Act) (In case of Non-Corporate Entity, bidder will submit documentary evidence for same)

23	Whether Bidder is Start-ups or not	Yes/No (If yes, Bidder to submit requisite document as specified in ITB: Clause No. 50)
----	------------------------------------	--

Note: \* National Institute of Electronics & Information Technology, Imphal intent to place the order/contract directly on the address from where Goods are produced/dispatched or Services are rendered. In case, bidder wants order/ contract at some other address or supply of Goods/ Services from multiple locations, bidder is required to provide in their bid address on which order is to be placed

Place: [Signature of Authorized Signatory of Bidder]

Date: Name:

Designation:

Seal:



## LIST OF ENCLOSURES

To,

**National Institute of Electronics & Information Technology, Imphal**  
Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR “WATER TREATMENT PLANT.”**

Dear Sir,

We are enclosing the following documents as part of the bid:

1. Power of Attorney of the signatory to the Bidding Document.
2. Document showing annual turnover for the last three years such as annual reports, profit and loss account, net worth etc. along with information as sought in enclosed format F-16
3. Document showing Financial Situation Information as sought in enclosed format F-16
4. Copy of Bidding Documents along with addendum/corrigendum duly signed and sealed on each page, in token of confirmation that Bid Documents are considered in full while preparing the bid and in case of award, work will be executed in accordance with the provisions detailed in Bid Documents.
5. Documentary Evidences showing the Bidder's claim of meeting Technical Criteria as mentioned in Clause 4 of ITB.
6. Bid Security/EMD
7. Integrity Pact
8. Power of Attorney
9. Duly certified document from chartered engineer and or chartered accountant.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

# LETTER OF AUTHORITY

[Pro forma for Letter of Authority for Attending Subsequent 'Negotiations' / 'Pre-Bid Meetings' / 'Un-priced Bid Opening' / 'Price Bid Opening']

Ref:

Date:

To,

**National Institute of Electronics & Information Technology, Imphal**  
Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR "WATER TREATMENT PLANT."**

Dear Sir,

I/We, \_\_\_\_\_ hereby authorize the following representative(s) for attending any 'Negotiations' / 'Meetings [Pre-Bid Meeting]', 'Unpriced Bid Opening', 'Price Bid Opening' and for any subsequent correspondence / communication against the above Bidding Documents:

1] Name & Designation \_\_\_\_\_ Signature \_\_\_\_\_  
Phone/Cell: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-mail: ..... @ .....

[2] Name & Designation \_\_\_\_\_ Signature \_\_\_\_\_  
Phone/Cell: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-mail: ..... @ .....

We confirm that we shall be bound by all commitments made by aforementioned authorized representative(s).

Place: [Signature of Authorized Signatory of Bidder]

Date: Name:

Designation:

Seal:

Note: This "Letter of Authority" should be on the "letterhead" of the Firm / Bidder and should be signed by a person competent and having the 'Power of Attorney' to bind the Bidder. Not more than 'two [02] persons per Bidder' are permitted to attend "Techno-commercial / Un-priced" & "Price Bid" Openings. Bidders authorized representative is required to carry a copy of this authority letter while attending the un-priced and priced bid opening, the same shall be submitted to institute.

## "NO DEVIATION" CONFIRMATION

To,

**National Institute of Electronics & Information Technology, Imphal**  
Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR "WATER TREATMENT PLANT."**

Dear Sir,

We understand that any 'deviation / exception' in any form may result in rejection of Bid. We, therefore, certify that we have not taken any 'exception / deviation' anywhere in the Bid and we agree that if any 'deviation / exception' is mentioned or noticed, our Bid may be rejected.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



## ACKNOWLEDGEMENT CUM CONSENT LETTER

(On receipt of tender document/information regarding the tender, Bidder shall acknowledge the receipt and confirm his intention to bid or reason for non- participation against the enquiry / tender through e-mail/fax to concerned executive issued the tender, by filling up the Format)

To,

**National Institute of Electronics & Information Technology, Imphal**  
Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR “WATER TREATMENT PLANT.”**

Dear Sir,

We hereby acknowledge receipt of a complete set of bidding document along with enclosures for subject item/job and/or the information regarding the subject tender.

- We intend to bid as requested for the subject item/job and furnish following details with respect to our quoting office:

Postal Address with Pin Code: .....

Telephone Number: .....

Fax Number: .....

Contact Person: .....

E-mail Address: .....

Mobile No.: .....

Date: .....

Seal/Stamp: .....

- We are unable to bid for the reason given below:

Reasons for non-submission of bid:

---

Agency's Name: .....

Signature: .....

Name: .....

Designation: .....

Date: .....

Seal/Stamp: .....

## UNDERTAKING ON LETTERHEAD

To,

**National Institute of Electronics & Information Technology, Imphal**  
Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR "WATER TREATMENT PLANT."**

Dear Sir,

We hereby confirm that "The contents of this Tender Document No. \_\_\_\_\_  
have not been modified or altered by M/s.  
..... (Name  
of the bidder with complete address). In case, it is found that the tender document has been  
modified / altered by the bidder, the bid submitted by M/s.....  
(Name of the bidder) shall be liable for rejection".

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

## BIDDER'S EXPERIENCE

To,  
**National Institute of Electronics & Information Technology, Imphal**  
 Akampat, Imphal East, Manipur-795001

Sub: **Tender No.: NIELIT (I)/PRJ/TENE-WECS/01 FOR "WATER TREATMENT PLANT."**

Sl. No.	Description of the Services	LOA /WO No. and date	Full Postal Address & phone nos. of Client. Name, designation and address of Engineer/ Officer-in Charge (for cases other than purchase)	Value of Contract /Order (Specify Currency Amount)	Date of Commencement of Services	Scheduled Completion Time (Months)	Date of Actual Completion	Reasons for delay in execution, if any
1	2	3	4	5	6	7	8	9

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

**FORMAT FOR CHARTERED ACCOUNTANT CERTIFICATE/ CERTIFIED PUBLIC ACCOUNTANT (CPA) FOR FINANCIAL CAPABILITY OF THE BIDDER**

We have verified the Audited Financial Statements and other relevant records of M/s..... (Name of the bidder) and certify the following:

A. AUDITED ANNUAL TURNOVER\* OF LAST 3 YEARS:

Year	Amount (Currency)
Year 1:	
Year 2:	
Year 3:	

B. NETWORTH\* AS PER LAST AUDITED FINANCIAL STATEMENT:

Description	Year: 2020-21
	Amount (Currency)
Net Worth	

C. WORKING CAPITAL \* AS PER LAST AUDITED FINANCIAL STATEMENT:

Description	Year: 2020-21
	Amount (Currency)
1. Current Assets	
2. Current Liabilities	
3. Working Capital (Current Assets – Current liabilities)	

**Refer Instructions**

**Note: It is further certified that the above-mentioned applicable figures are matching with the returns filed with Registrar of Companies (ROC) [Applicable only in case of Indian Companies]**

Name of Audit Firm:

[Signature of Authorized Signatory]

Chartered Accountant/CPA

Name:

Date:

Designation:

Seal:

Membership No.: