

ASSAM POWER GENERATION CORPORATION LIMITED

OFFICE OF THE CHIEF GENERAL MANAGER (PP&I), APGCL

BIJULEE BHAWAN, GUWAHATI-781001



E-Tender Document No.: - APGCL/CGM (PP&I)/LKHEP/2025-26/07 Dated 20/05/2025

NAME OF THE WORK: Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao

Issued to:

Name:-

Address: –

Issued by:

Price: - ₹-589/-
(Non-Refundable)

May-2025

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CHAPTER-I
TENDER NOTICE

ASSAM POWER GENERATION CORPORATION LIMITED

Registered Office: Bijulee Bhawan, 3rd floor, Paltanbazar, Guwahati-781 001, Assam

Email: akshay.talukdar@apgcl.org

Chief General Manager (PP&I)

E-Tender Notice No. APGCL/CGM (PP&I)/LKHEP/2025-26/02

Date: 20/05/2025

Invitee	The Chief General Manager (PP&I), APGCL, Bijulee Bhawan, 3 rd Floor, Paltanbazar, Guwahati-781001
Name of the work	Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao
Tendered value	Rs. 29,44,271.00 (Rupees twenty-nine lakh forty-four thousand two hundred and seventy-one only) (inclusive of all taxes)
Duration of the work	90 (ninety) days from the date of handing over the site by APGCL
Bidder Eligibility Criteria	<p>Experienced and financially sound Civil Engineering firms / contractors with Average Annual turnover during last three financial Years i.e. FY 2022-23, FY 2023-24 & FY 2024-25 not be less than Rs. 14.7 lakhs (50% of the tendered amount) and having experience of successfully completing similar works during the last 7 years ending last day of month previous to the one in which applications are invited should be either of the following: -</p> <p>a. Three similar completed works costing not less than the amount equal to Rs. 11.8 lakhs (40% of the tendered amount).</p> <p style="text-align: center;">or</p> <p>b. Two similar completed works costing not less than the amount equal to Rs. 14.7 lakhs (50% of the tendered amount).</p> <p style="text-align: center;">or</p> <p>c. One similar completed work costing not less than the amount equal to 23.6 lakhs (80% of the tendered amount).</p> <p>Bidder must submit relevant Work Order along with Work Completion Certificates with the tender.</p>
Tender Processing Fee (Non-Refundable)	<p>Rs. 589.00 (Five hundred and eighty-nine only)</p> <p>Tender processing fees must be deposited online.</p> <p>Note: No exemption will be allowed in submission of tender fees for any bidder.</p>
Earnest Money Deposit (EMD)	<p>Rs. 58,885 (Rupees fifty-eight thousand eight hundred and eighty-five only) (for General)</p> <p>Rs. 29,443 (Rupees twenty-nine thousand four hundred and forty-three only) (for St/SC/OBC)</p> <p>EMD amount should be deposited online. EMD through Bank Guarantee (BG) will also be accepted.</p> <p>Note: No exemption will be allowed in submission of EMD for any bidder.</p>
Start Date of Online Tender Submission	From 11:00 AM of 20/05/2025
Last date of online Tender Submission	Up to 1:00 PM of 10/06/2025
Tender opening	<p>a. Technical Bid: At 3:00 PM of 10/06/2025</p> <p>b. Price Bid: To be intimated later.</p>

Bidder must download the Bidding Documents and submit the bid electronically on the portal <https://assamtenders.gov.in> .

The bidders will be required to submit the bids by using own Digital Signature Certificate with both Signing and Encryption Certificates (minimum Class-II Certificate). Prospective Bidders must procure DSC before participating in the tenders. The viewing & downloading of the bid document will be free of cost.

The acceptance of the bid shall be subjected to acceptance of both document fee and Bid security or EMD. The Chief General Manager (PP&I), APGCL is not bound to accept the lowest rates and reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Note: Any addendum/corrigendum/extension etc. in respect of this tender shall be issued on the portal <https://assamtenders.gov.in> and APGCL's website: www.apgcl.org .

Sd/-

Chief General Manager (PP&I),
APGCL, Bijulee Bhawan, Guwahati-781 001

Memo No. APGCL/LKHEP/PD/2024-25/100/01 Date: 20/05/2025

Copy to: -

- 1) The OSD to the Hon'ble Chairman, APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001, for favour of kind information to the Hon'ble Chairman, APGCL.
- 2) The OSD to the Managing Director, APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001, for favour of kind information to the Managing Director, APGCL.
- 3) The Chief General Manager (Gen), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001, for information.
- 4) The Chief General Manager (H&C), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001, for information.
- 5) The Chief General Manager (F&A), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001, for information.
- 6) The General Manager, Design (C), APGCL, Narengi, Guwahati-781 026, for information and wide circulation.
- 7) The Deputy General Manager (Procurement), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001 for information and requested to float the NIT in E-Tender Portal and publish the notice in one issue of Local Dailies in Regional and English Language **on or before 20/05/2025**.
- 8) Relevant File.

CHAPTER-II

1 TERMINOLOGY

- 1.01** APGCL wherever used in this document shall mean Assam Power Generation Corporation Limited incorporated vide The Companies Act 1961 in exercise of Powers conferred under the Act including subsequent amendments, if any. APGCL is a successor company of ASEB.
- 1.02** CGM (PP&I) or owner or purchaser or project authority wherever used in this document shall mean the officer holding the post of the Chief General Manager (PP&I) APGCL, Guwahati (Assam), who or his authorized representative will exercise authority on behalf of the Department in respect of the Tender and the works specified herein.
- 1.03** Engineer-in-Charge/or engineer shall mean the Officer holding the charge of the Departmental post of General Manager/ Assistant General Manager (Civil) pertaining to supervision of works specified in this document.
- 1.04** The term 'Contractor' wherever used in this document shall mean the individual/firm or company who shall have entered into a contract agreement with the owner or the project authority, undertaking on his behalf to carry out the works in full or in part as may be specified in contract documents, and shall include in the case of an individual/ his heirs, administrators and permitted assignees, in case of a firm, the partners of the said firm, their respective heirs, executors, administrators and permitted assignees, and in case of a Company its successors and permitted assignees.
- 1.05** Contract documents shall mean and comprise the following documents and shall be the basis of agreement between the owner and the contractor for carrying out the works in accordance with the terms and conditions, specifications, drawings and directions contained in the said documents.
- a) Bid documents duly filled in respect of rates, process & signed, the tender forms properly filled in, signed and dated by the contractor & duly submitted.
 - b) Contractor's original bid proposal and subsequent correspondences relating to clarifications and negotiations, if any, prior to award of the contract.
 - c) Formal Work Order awarded to the contractor.
- 1.06** 'Equipment' and 'Plants' shall mean and include all sorts of machineries and accessories, apparatus, instruments, components manufactured articles and parts etc. to be supplied or provided by the contractor under the terms of the contract, unless otherwise specified
- 1.07** The 'Works' shall unless be repugnant to such description shall be construed and taken to mean the works contracted, or by virtue of the contract agreement, to be executed whether temporary or permanent and whether original, altered, substituted or additional.
- 1.08** The expression 'Specifications' wherever used in this document shall mean all the pertinent terms and stipulations furnished herein in respect of the work or part thereof and/or indicated in the drawings appended hereto and to be issued for construction and shall have reference also to other relevant terms and stipulations not furnished herein, but as far as applicable.

CHAPTER-III

INSTRUCTION FOR BIDDERS AND SPECIAL CONDITIONS

E-Tender Document No.: - APGCL/CGM (PP&I)/LKHEP/2025-26/02 Dated: 20/05/2025

BID INVITATION FOR: Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao

EARNEST MONEY DEPOSIT: Rs. 58,885.00 (for General)
Rs. 29,443.00 (for SC/ST/OBC) (For Individual only)

EMD amount should be deposited online. EMD through Bank Guarantee (BG) will also be accepted. No exemption will be allowed in EMD to any bidder.

1. DUE DATE AND CLOSING TIME

The bid will be received up to 1:00 P.M. of 10/06/2025. The opening time of the bids will be at 3:00 P.M. on the same day (10/06/2025) and the venue will be the office of the Chief General Manager (PP&I), APGCL. Bidder's representative shall have to attend the bid opening process.

2. TIME OF COMPLETION OF WORK

The stipulated time of completion of the work is **90 (Ninety) days** from the date of handing over the site by APGCL. **No time extension shall be granted to the contractor irrespective of size and volume of the awarded work.**

Liquidated damage due to delay in completion of work in full shall be levied as per the Liquidated Damage Clause (Clause No. 15.1) of this tender.

3. TENDER PROCESSING FEE AND EARNEST MONEY DEPOSIT:

Tender Processing Fee @ Rs. 589.00 (Five Hundred and Eighty-Nine only) shall be collected online from Bidder during bid submission at <https://assamtenders.gov.in> .

EMD @ Rs. 58,885 (Rupees fifty-eight thousand eight hundred and eighty-five only) (for General) and Rs. 29,443 (Rupees twenty-nine thousand four hundred and forty-three only) (for ST/SC/OBC) shall be deposited online during bid submission at <https://assamtenders.gov.in> .

Apart from online submission of EMD, EMD through Bank Guarantee (BG) is also accepted. If EMD is submitted through BG, bidder will be required to upload the scan copy of the BG during online Bid submission and the original Hard Copy of the BG should reach APGCL HQ on or before bid opening.

Note: For bidders opting for **payment of EMD through BG**, the bidder shall follow the below steps at online portal <https://assamtenders.gov.in>.

- The bidder shall select the EMD exemption option as “Yes” and shall upload the Scanned copy of BG documents in technical bid.
- If the bidder selects the EMD exemption option as “No” then the system shall prompt to pay the EMD fees online. In that case, the bidder has to pay the EMD online only. The bidder may not be able to proceed further or revert to the former menu. Hence for BG payment of EMD, the bidder has to select “YES” option (against BG exemption).
- Since EMD exemption is not given for this tender and due to the limitation/restriction of the portal, the bidder may not be able to proceed with BG as EMD by selecting the “No EMD exemption option” of the portal; **hence, the bidders are advised to proceed by selecting the EMD exemption as “Yes” in case EMD is submitted through BG.**

Address to which the Original BG is to be submitted on or before Bid Opening:

The Deputy General Manager (Procurement),
Assam Power Generation Corporation Ltd.,
3rd Floor, Bijulee Bhawan, Paltan Bazar, Guwahati-781 001

The BG shall be duly pledged in favour of the Chief General Manager (PP&I), APGCL and shall be valid for 01 (one) year period from the Start Date of online Bid submission. No interest shall be payable on such deposits.

Note: The bidder is requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original bank Guarantee in APGCL's tender issuing office:

The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details:

- i. MT/IFN760/MT/IFN760 COV for issuing of Bank Guarantee.
- ii. MT/IFFN 760/MT/IFN 767 COV for amendment of Bank Guarantee.

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Paltan Bazar Branch, A/C no. 375010200001380, IFS code-UTIB0000375, Branch Address- AXIS Bank Ltd, Commercial Building, A.T. Road, Guwahati-781001, India.

BG format for EMD is given below in this document as Annexure-I.

Note: No EMD Exemption is provided for this Tender.

4. PERFORMANCE –GUARANTEE OR SECURITY DEPOSIT (S.D.)

On receipt of the Work Order, the Contractor shall have to deposit a Bank Guarantee (BG) from a Nationalized or Scheduled Bank of RBI for an amount equivalent to 10% (ten percent) of the total value of Order (inclusive of P&F, freight, insurance, taxes etc.) as performance security, immediately within 10 days of the Work Order, duly pledged in favour of Chief General Manager (PP&I), APGCL and such security deposit shall be valid up to 60 (sixty) days beyond the warranty period. *(All claims under the warranty shall be preferred to the executant's bank up to 1 (one) year from the validity period of the Bank Guarantee).*

If the Contractor fails or neglects to perform any of his obligations under the contract/as per work order/tender, then APGCL shall have the right to forfeit either in full or in part at its absolute discretion, the security deposit furnished by the Contractor. No interest shall be payable on such deposits.

Note: The Contractor is requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original bank Guarantee to APGCL. The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details:

- i. MT/IFN760/MT/IFN760 COV for issuing of Bank Guarantee.
- ii. MT/IFFN 760/MT/IFN 767 COV for amendment of Bank Guarantee.

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Paltanbazar, Branch, IFS code-UTIB0000375, Branch Address- AXIS Bank Ltd, Commercial Building, A.T. Road, Guwahati-781001, India.

Apart from Bank Guarantee, Performance Security Deposit can also be submitted through Fixed Deposit (FD) and Demand Draft (DD), pledged/drawn in favor of The Chief General Manager (PP&I), APGCL. All other Terms & Conditions regarding the Performance Security Deposit shall remain the same as mentioned in the above paragraphs.

In case, performance bank guarantee, fixed deposit, demand draft (DD) is not submitted by the bidder, then 10% of the total work order value (inclusive of P&F, freight, insurance, taxes etc.) shall be deducted from the bill as Performance Security Deposit and this amount shall be retained by APGCL for the entire warranty period. If the Contractor fails or neglects to perform any of his obligations under the contract/as per work order/tender, then APGCL shall have the right to forfeit either in full or in part at its absolute discretion, such amount. No interest shall be payable on such deposits.

5. GST / INCOME TAX CERTIFICATE (PAN / GST):

- 5.1 The offered rates and / or prices for the work shall include all taxes, duties, forest royalties, monopolies etc. as may be applicable on material and labour during the tenure of the contract. There will be no reimbursement for any increase or levy of new taxes, duties etc. on materials utilized for this work or equipment furnished / supplied for completing the work or for machineries, equipment, tools and tackle, fuel and lubricants etc. used in connection with the performance of the work, unless otherwise specified or qualified by the bidder in his bid. If, however, any tax or duty is levied by the Govt. or statutory body on the finished work (after complete installation and / or delivery), such tax or duty will be to the account of the APGCL.
- 5.2 **The contractors must have a valid GST Registration No. and should submit copy of GST Certificate and attested copy of PAN Card.**
- 5.3 **Caste certificate must be produced where necessary.**

6. BIDDER'S QUALIFICATIONS:

- 6.1 The Bidder should submit a list and description of similar or comparable works previously executed by him successfully during last 7 (seven) consecutive years indicating the individual volume and contract price along with the name and address of the respective owner / authority.
- 6.2 All prospective bidders are hereby notified that, before any bid submitted in response to this invitation is considered for award, the CGM (PP&I), APGCL may require the bidder to submit a further statement of facts in detail as to the previous experience of the bidder and financial resource available with him for performing the contemplated work. The CGM (PP&I), APGCL expressly reserves the right to reject any bid or which the facts as to business, financial and other resources or business experience, compared with the work bid upon, justify such rejection.
- 6.3 The Bidder should submit valid **Labour License Certificate**.
- 6.4 Civil Engineering firms/contractors with adequate experience of having successfully completed **similar works during the last 5 years** ending last day of month previous to the one in which applications are invited should be either of the following :-
- a. Three similar completed works costing not less than the amount equal to **Rs. 11.8 lakhs (40% of the tendered amount)**.
- or
- b. Two similar completed works costing not less than the amount equal to **Rs. 14.7 lakhs (50% of the tendered amount)**.
- or
- c. One similar completed work costing not less than the amount equal to **23.6 lakhs (80% of the tendered amount)**.
- Bidder must submit relevant Work Order along with Work Completion Certificates with the tender.
- 6.5 Cost overrun shall not be accepted.
- 6.6 Contractors should be financially sound to invest the amount and must submit necessary evidence on this account e.g. Certified Copy from Chartered Accountant with regards to Average Annual Turnover of bidder during the last three Financial Years i.e. 2022-23, 2023-24 & 2024-25. The Certified Copy must be accompanied with relevant financial documents viz. Balance Sheet, Profit & Loss Statement of the last 03 (three) financial year. **Average Annual turnover during last three Financial Years i.e. 2022-23, 2023-24 & 2024-25 should not be less Rs. 14.7 lakhs (50% of the tendered amount)**.
- 6.7 It should be ensured that the contractors shall have **Provident Fund Code No.** It will be ascertained that all the workers engaged by the contractor directly should be registered for Employees' Provident (EPF) and due contribution have been credited into their account.
- 6.8 **The bidder must possess Trading License, Professional Tax Clearance Certificate and Dao-Tax Certificate from Dima Hasao Autonomous Council, Assam.**

7. BIDDER SHOULD EXAMINE & UNDERSTAND

- 7.1 All prospective bidders are required to thoroughly study and carefully examine all the terms and conditions, instructions, drawing & specifications pertaining to the work and visit the field of work to fully satisfy and acquaint themselves about the nature and location of work, the configuration of the ground. The spring level, the surface conditions, quality and quantity of materials required and their availability the type of equipment and facilities needed preliminary to and during the execution of the work and local conditions which may affect the work or cost thereof. Failure to do so will be at the bidder's risk.

8. SUBMISSION OF TENDER

- 8.1 Bidders are to quote their rates against each item in clear money (Rupees) value per unit of work (inclusive of all taxes) in the prescribed format.
- 8.2 **The rates are to be quoted on item rate basis. The rates are to be quoted in figures.**
- 8.3 **The rates quoted by the bidders will be inclusive of all taxes, royalties and other statutory levies as applicable.**
- 8.4 **Bidders should note that unusually low rates not feasible for execution may not be technically accepted.**
- 8.5 Bidders should note that during the time of execution of work, any item not covered by the schedule of work if required to be done as per decision of the CGM (PP&I)/ Engineer-in Charge of APGCL, they have to execute such work/works as supplementary item of works, rates of which will be calculated by using the following formulae:

$$R = (T'/T) * P$$

Where, R= Rate of supplementary item of work

T'= Bid value

T= Tendered value

P= Accepted Rate for the work as per respective S.O.R.

If the rate of such supplementary item/items is/are not available in the aforesaid S.O.R, the same will be analyzed by the department as per reasonable market price but in any case, of dispute for rate of supplementary item/items, the decision of CGM (PP&I) will be final and conclusive.

- 8.6 **The quoted rates will be firm for entire period of completion of the work. No price escalation on any component will be admissible.**
- 8.7 Firms submitting tender should enclose a certified copy of the Firm's constitution and a certified copy of Power of Attorney authorizing a person to operate the tender and contract and should furnish full address of the partners and the persons holding power of attorney on behalf of the firm.
- 8.8 **Information regarding litigation, current or during the last five years, in which the Bidder is involved with APGCL/AEGCL/APDCL, must be furnished, if any in the prescribed format (at Chapter VII).**
- 8.9 In the event of the date specified for bid receipt and opening being declared as a closed holiday for Purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed date and place.
- 8.10 The Corporation cannot be held responsible for non-receipt and postal delay.
- 8.11 **Every page of the tender document to be duly signed by the bidder.**
- 8.12 For any query regarding the tender, bidder shall email at:
akshay.talukdar@apgcl.org

9. AWARD OF CONTRACT

- 9.1 Formal Work Order will be awarded to that responsible bidder whose bid, confirming to the schedule conditions of contract and specifications will be most advantageous to the Department, price and other such factors considered. Bidder shall confirm acceptance by returning a signed copy of the Work Order via email within 05 (five) days from the date of issue of formal Work order. An award of Work Order emailed (or otherwise furnished) to the successful bidder and duly signed by the contractor within the stipulated time period as mentioned above will result in a binding contract without further action by either party. The CGM (PP&I), APGCL does not bind itself to accept the lowest bid or any bid. As the interest of the Department may require, the right is reserved to reject any or all bids and to waive any minor informality or irregularity in bids received without assigning any reason thereof. Bid which are incomplete or which contain undesirable conditions are liable to rejection.

- 9.2 **APGCL will try to make timely payment of bills, but on unavoidable circumstances cannot guarantee timely payment of bills, for which no interest on the payable amount will be entertained.**
10. **TOOLS & PLANTS**
- 10.1 The APGCL shall not furnish any tools & tackle, plants and equipment or such facilities for carrying out the work by the contractor (excluding hypothecation). The contractor shall arrange and maintain the equipment required for implementation of work all throughout the period of the contract.
11. **MATERIALS & LABOUR**
- 11.1 All materials (this includes without limitation raw materials, parts, components etc.) and labour required for carrying out the work shall be arranged and furnished by the contractor all throughout the tenure of the contract and strictly conform to relevant IS Code (latest revision).
- 11.2 The intending tenderers should inspect the prospective sources of collection of raw materials and fully satisfy him about the quality of materials, availability of materials, lead, and mode of transportation. The Department shall not consider, after acceptance of the contract, to pay any extra charge for lead or any other reasons, in case the contractor found later on, to have misjudged, the quality/quantity of availability of such materials from the source of collection.
- 11.3 APGCL shall not issue any construction materials such as cement, reinforcement bar, or any other materials.
- 11.4 In connection with the performance of work throughout the tenure of the contract, the engagement of labour and payment therefore by the contractor shall conform to the statute, the pertinent law or act of the Central & State Govts, as well as rules, regulations and orders of the local authorities or statutory bodies, as may be in force from time to time.
- 11.5 The materials procured for the work by the contractor shall be placed at site properly for inspection of Engineer-in charge before utilization. Any defecting materials should be replaced immediately for which no extra charge will be payable to the contractor.
12. **CHANGES IN QUANTITY AND ITEM**
- 12.1 The CGM (PP&I), APGCL may at any time, by a written order make changes within the general scope of the contract, in any one or more of the following
- i) Quantity of any item
 - ii) Alteration or omission of any item
 - iii) Addition of any item
 - iv) Alteration in drawings, designs or specifications
- If any such change causes an increase or decrease in the cost of or the time required for performance of the contract, an equitable adjustment shall be made in the contract price or time schedule or both and the contract shall be modified in writing accordingly. Any claim by the contractor for adjustment under this clause must be asserted within 30 days from the date of receipt by the contractor of the notification of change: PROVIDED HOWEVER, that the CGM (PP&I) if decides that the facts justify such action, may receive and act upon any such claim asserted at any time prior to final payment under the contract. Failure to agree to any adjustment shall be a dispute concerning a question of fact within the meaning of the disputes mentioned herein after. However, nothing in this clause shall excuse the contractor from proceeding with the contract as changed.
13. **INSPECTION**
- 13.1 All works and all supplies (this term includes without limitation raw materials, parts, components, intermediate assemblies and end products) under the contract shall be subject to inspection and test by the CGM (PP&I), APGCL or his authorized person to the extent practicable at all times and places including the period of construction or manufacture and in any event prior to final acceptance.
- 13.2 In case any work or part thereof or/and any supply is found defective in material or workmanship or otherwise not in conformity with the specifications or drawings or requirements of the contract, the CGM (PP&I), APGCL shall have the right either to reject them or to require their correction, as directed by the department.
- 13.3 The inspection and test by the CGM (PP&I), APGCL or his authorized person of any work or any supplies does not relieve the contractor from any responsibility regarding defects or other failures

to meet the contract requirements which may be discovered prior to final acceptance. Except as otherwise provided in this contract final acceptance shall be conclusive except as regards latent defects, fraud or such gross mistakes as amount to fraud.

13.4 The contractor shall provide and maintain an inspection system acceptable to the CGM (PP&I), APGCL covering the works and/or supplies hereunder. Records of all inspection works by the contractor shall be kept complete and available to the CGM (PP&I), APGCL during the performance of this contract.

13.5 Site visit is mandatory for bidder to access the scope and volume of the work in entirety and any work not mentioned in this tender but required for successful construction of the aforementioned works shall be deemed to be considered under bidder's scope without any additional price implication on APGCL. For visit at Work Site, bidder shall contact the Project Manager of Lower Kopili HEP.

Contact Details of the Project Manager is given below: -

Mr. Jonardan Rongpi.

Contact No.: 9954934398 (M).

Email Id: jonardan.rongpi@apgcl.org.

14. FORCE MAJEURE

14.1 Force Majeure shall cover only act of God, Fire, War, Strikes, Riots and Civil Commotion, Act of Government etc. Any constraints other than those specified above will not constitute force majeure condition. In view of the other constraint beyond the control of the Contractor primarily due to statutory compulsion, extension of execution may also be considered on individual merit of the case. In case of Force Majeure condition, the contractor shall notify such condition to CGM (PP&I) within 15 (fifteen) days from the beginning of such delay in writing for consideration and acceptance.

14.2 **It may be noted that in the event of Geological surprises/problems, the work may need to be stopped for some time at the discretion of the engineer in charge. The stoppage period shall be excluded from the time period allotted for completion of the work. The time of completion shall be accordingly adjusted for such stoppage of work, if any.**

15. LIQUIDITY DAMAGE

15.1 The liquidated damages shall be payable for delay in completion of the work @ 1 % (one percent) of the executed value per week. The liquidated damages so payable shall not exceed 10% (ten percent) of the executed value. However, the payment of liquidated damages shall not in any way relieve the Contractor from any of its obligations to complete the works or from any other obligations and liabilities of the Contractor under the Contract.

16. TERMS OF PAYMENT

16.1 1) **First and Final Account Bill shall be entertained only after completion of 100% of work.**
2) Bills shall be entertained on the basis of actual measurement of completed works as per standard procedure. The quantity of items mentioned in the BOQ may vary depending upon the site conditions.
3) Payment shall be made subject to the availability of fund.

17. CONTRACTUAL FAILURE:

17.1 In the event of Contractual Failure of any respect on the part of the successful bidder, APGCL shall be entitled to forfeit the EMD or SD money received from the bidder.

18. SETTLEMENT OF DISPUTE:

18.1 In the event of any dispute or differences at any time arising between the parties relating to work or any other clauses or any content of the right and liabilities of the parties or other matters specified therein or with reference to anything arising out of the such dispute or differences shall be endeavored to be resolved by mutual negotiation. If, however, such negotiation is in fructuous, the dispute should be finally settled through Arbitration and Conciliation Act 1996 by three arbitrators appointed in accordance with the said Act. The decision of the arbitrator shall be final & binding upon the parties and the expense of the arbitration shall be paid as may be determined by the arbitrator in accordance with provisions of Arbitration and Conciliation Act 1996. The arbitration proceedings shall be held in Guwahati.

19. TERMINATION:

19.1 APGCL may, by not less than 7 (seven) days written notice may terminate the contract, if the contractor:

- i. Fails to remedy a failure in the performance of his obligations,
- ii. Becomes insolvent or bankrupt,
- iii. Submit to APGCL statement which has a material effect on the rights, obligations or interest of APGCL and which the contractor known to be false,
- iv. As result of force majeure, if the whole work cannot be performed for a continuous period of 90 (ninety) days. APGCL shall make payment upon termination to contractor the services performed by the contractor to the entire satisfaction of APGCL prior to date of termination.

CHAPTER-IV

SAFETY ENGINEERING & SAFETY CODE

1. SAFETY ENGINEERING:

Accident prevention shall be an essential part of the programme of the contractor for all operations involved in performance of the contract under this invitation in order to reduce cost of construction measured in terms of:

- a) Near Miss Accidents
 - i) Accidents
 - ii) Temporary injury
 - iii) Permanent injury
 - iv) Fatal accident
- b) Loss of materials resulting from accidents
- c) Loss of damage to equipment.
- d) The cost of work man's compensation insurance.
- e) Loss of time due to accident, ultimately leading to downtime reduction.

Suitable safety programme should be developed to cope with the particular hazard for each operation.

GENERAL SAFETY PROGRAMME:

The following program when vigorously promoted by the works- management may be effective in reducing the accident rate

- a) Secure full support from top management of concerned divisions or sections
- b) Publicize safety programme
- c) Develop a safety programme for each job.
- d) Maintain adequate first aid facilities
- e) Make safety practices effective.
- f) All safety ropes, **PPE (Personal Protective Equipment)**, harness, boots, gloves/insulated gloves for electrical works, helmets and First AID Box required for the work have to be supplied by the contractor at his own expense.

SAFETY CODE:

An effective measure of reducing the accident rate during various operations and maintenance works may consist in implementation of respective provisions of the following safety codes accompanied by vigorous promotion and publicity of safety programme.

- a) IS: 818 (C.P. for safety health requirements in electric & gas welding & cutting operations).
- b) IS: 3696(S.C for scaffolding & ladders)
- c) IS: 7205 (S.C for erection of structural steel work)

SAFETY EQUIPMENTS:

All necessary personnel safety equipment as considered adequate by the Engineer-in- Charge should be kept available for use of the persons employed on the site and maintain in a condition suitable for immediate use. The contractor should take adequate steps to ensure proper use of equipment by those concerned

Those engaged in welding works shall be provided with welder's protective eye-shield. Suitable protective foot ware, protective head gears, suitable face masks etc. are to be provided to workers engaged for operation and maintenance works. The contractor shall not employ men below the age of 18 for any work.

2. INSPECTION

To ensure effective enforcement of the rules and regulations relating to safety precautions, the arrangements made by the contractor shall be open to inspect by the Engineer-in-Charge or his representative.

3. COMPENSATION

No extra charges or additional compensation will be admissible to the contractor by the department for any work done to comply with the provisions of safety Engineering and Safety Code.

CHAPTER-V

CONTRACTOR'S CAMP

1. CAMP SITES

The contractor shall provide, maintain and operate under competent direction such camp facilities convenient to the site works under this contract as are necessary for housing, feeding and accommodation of his employees. The location, construction, operation and maintenance of such camps shall be subject to the approval of the Assistant General Manager/ Engineer in charge of the site.

2. USE OF LAND FOR CONSTRUCTION PURPOSES

Such land as may be available at work- site will be allowed to be used by the contractor for construction of his camps free of charge. However, development of clearances of the land will have to be done by the contractor at his own cost. The contractor will be responsible to clear and clean the site after completion of his works and handover the land to the Engineer-in-Charge. The contractor will be liable to pay compensation for any damages done to the land or neighboring area.

3. SANITATION IN CAMP SITE:

The temporary sanitation in the campsite should be properly maintained and hygienic so that pollution can be controlled and just before completion of the work site must be cleared properly.

4. ELECTRICITY SUPPLY:

Electricity supply will be on chargeable basis.

CHAPTER-VI

DECLARATION

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

Signature of the tenderer

Full Name

(In Block letters)

Address

.....

.....

.....

Phone/ Mobile

Email ID

Date:

CHAPTER-VII

DECLARATION OF LITIGATION

Information on litigation history in which bidder is involved

Employer (APDCL/APGCL/AEGCL)	Cause of Dispute	Amount involved	Remarks showing present status

CHAPTER-VIII

Schedule of work:

To,

The Chief General Manager (PP&I),
APGCL, Bijulee Bhawan,
Paltanbazar, Guwahati-781 001

Sub: Submission of tender for the work “Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao”

Dear Sir,

In response to your above notice I/We am /are submitting herewith, my / our rates for the work as mentioned below. Necessary documents, as asked for, are enclosed herewith, for your kind perusal.

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
CIVIL WORKS (A)					
1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	cum	49.62		
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth,sides of foundation etc. complete.	cum	20.77		
3	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	sqm	8.33		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
4	CEMENT CONCRETE (CAST IN SITU) Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	9.78		
5	REINFORCED CEMENT CONCRETE Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	2.32		
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing & reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	3.42		
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	kg	5.69		
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Mild steel and Medium Tensile steel bars	kg	2.90		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
9	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	sqm	56.14		
10	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	30.54		
11	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	36.60		
12	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	21.78		
13	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	5.40		
14	MASONRY WORK Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	37.54		
15	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	157.04		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
17	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab upto 0.50 sqm	sqm	2.61		
18	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm	sqm	9.80		
16	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size of Tile 600 x 600 mm	sqm	90.71		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
17	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm	sqm	5.55		
18	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	145.94		
19	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	sqm	285.19		
20	15 mm cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement on rough side of single or half brick wall.	sqm	18.14		
21	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes	kg	830.68		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
22	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	55.42		
23	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. Kiln seasoned and chemically treated hollock wood	Cum	0.36		
24	Providing and fixing plain multipurpose cement board(High pressure steam cured) with suitable screws for cement particle board in ceiling etc. complete (frame work to be paid seperately). 6 mm thick Cement fiber board as per IS: 14862	Sqm	40.03		
25	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	180.07		
26	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	153.22		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
27	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	153.22		
28	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	Sqm	29.18		
29	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	29.18		
30	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	sqm	20.16		
31	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size complete as per manufacturer's specification and direction of Engineer-in-Charge.	metre	63.25		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
32	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complet as per direction of Engineer-in-charge, manufacturer's specification & drawing.	sqm	18.70		
33	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 6mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement:3 fine sand) 40 mm thick	sqm	4.32		
34	Providing and fixing bright finished brass handles with screws etc. 100 mm each	each	17.00		
35	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. Complete : 250x16 mm	each	4.00		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
36	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. Complete : 250x10 mm	each	17.00		
37	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	45.00		
WATER STAGGING WORKS					
38	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	cum	0.32		
39	CEMENT CONCRETE (CAST IN SITU) Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	0.03		
40	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	kg	13.52		
41	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	sqm	1.04		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
42	REINFORCED CEMENT CONCRETE Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	0.05		
43	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	128.11		
REPAIRING WORKS					
44	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	cum	2.85		
45	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	2.94		
46	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead : Of sectional area 40 square centimetres and above	cum	1.13		
47	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet	sqm	110.70		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
48	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level Cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	39.48		
49	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	sqm	25.85		
50	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	sqm	275.35		
51	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes	Kg	741.77		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
52	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum moisture resistant board	Sqm	92.00		

Table					
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Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
53	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	110.70		
54	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)	Rm	13.50		
55	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Barge board (Upto 300 mm)	Rm	56.90		
56	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	884.66		
57	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	420.00		

Table					
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Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
58	Applying priming coats with primer of approved brand and manufacture, having low VOC(Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	884.66		
59	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats	Sqm	474.00		
60	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	429.00		
61	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	Sqm	138.80		
62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	138.80		
63	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Old work (one or more coats)	sqm	406.66		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
WATER SUPPLY, SANITARY & PLUMBING WORKS					
64	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes	Rm	40.00		
65	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls Etc. 15 mm nominal dia Pipes	Rm	88.50		
66	Providing and fixing soil, waste and vent pipes : 100 mm diameter : Sand cast iron S&S pipe as per IS: 1729	metre	20.00		
67	Providing and fixing soil, waste and vent pipes : 75 mm diameter : Sand cast iron S&S pipe as per IS: 1729	metre	42.00		
68	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	each	6.00		
69	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia	each	34.00		
70	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	each	7.00		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
71	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	each	7.00		
72	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	each	6		
73	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	each	6		
74	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	each	6		
75	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	each	8		
76	Providing and fixing brass stop cock of approved quality 15 mm nominal bore	each	12		
77	Providing and fixing PTMT, push cock of approved quality and colour. 15 mm nominal bore, 98 mm long, weighing not less than 75 gms	each	7		
78	Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length 15 mm nominal bore	each	7		
79	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	each	6		

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Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
80	Constructing soak pit 1.20x1.20x1.20 m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	each	1		
81	Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	sqm	12.40		
82	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 17.73.1 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	each	6.00		
83	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	each	6.00		
84	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Litre	500.00		

Table					
Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
85	Construction of R.C.C. ring well of 750mm inside diameter including supplying necessary ring of 75mm thick and 500mm high of prop 1:2:4 reinforced with 6mm dia M.S. rod at 230mm c/c vertically and 5nos of 6 mm dia bar horizontally along with R.C.C. well curb of size 400mm high and 100mm thick at top and 50mm thick at bottom in prop. 1:2:4 reinforced with 5nos of 6mm dia rod at 200mm c/c vertically including sinking of R.C.C. ring to a required depth bailing out water, mud etc. if necessary and fitting and fixing of R.C.C. kerb and ring in proper position with cement mortar of prop. 1:2 including with fitting in sides by sand in layer not more than 150mm and duly compacting the same up to the platform level complete as directed by the department.				
	(a) Up to 10.00m depth	Rm	10.00		
	(b) Above 10.00m up to 15.00m depth.	Rm	5.00		
	(c) Above 15.00m up to 20.00m depth	Rm	5.00		
86	Supplying including installation, connection as approved by the Deptt., testing and commissioning of OPENWELL SUBMERSIBLE PUMP SET complete with submersible cable etc. as directed and specified by the deptt. 2 or 3 HP Single Phase open well Submersible monoblock water cooled pump set (Crompton Greaves/ Aquatic/ CRI/ V-Guard/ Calma make). 220v 50hz, 2900 rpm with control panel	Each	1.00		
ELECTRICAL WORKS					
87	Wiring for light point/ fan point/ exhaust fan point/call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required Group A	each	40.00		

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Construction of a new staff toilet, student toilet including water supply & internal electrification along with other renovation works at Longku High School under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao					
Sl. No.	Particulars of items	Unit	Quantity	Rate including GST (INR)	Amount including GST (INR)
88	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	metre	30.00		
89	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required. 4 Module (125mmX75mm)	each	2.00		
90	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required. 6 Module (200mmX75mm)	each	4.00		
91	Supplying and fixing following piano type switch/socket on the existing switch box/ cover including connections etc. as required. 5/6 amps switch	each	40.00		
92	Supplying and fixing brass batten/ angle holder including connection etc. as required.	each	26.00		
93	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way (4 + 12), Double door	each	2.00		
94	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	each	10.00		
95	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	each	1.00		

BIDDER'S CREDENTIALS		
Particulars	Validity period	Supporting documents
1. Financial status (Average Annual Turnover) 2. PAN 3. GST Registration certificate 4. Registration certificate of firm(if any) 5. Labour Licence 6. E.P.F 7. List of similar works previously executed and completion certificates 8. Others (Trading License, Professional Tax Clearance Certificate, Dao-Tax Certificate from Dima Hasao Autonomous Council, Assam etc.)		
Note: Bidder should furnish supporting documents. Otherwise information given in the tender shall not be considered for evaluation.		

Enclose:

1. Demand Draft No.
2. Date of issue
3. Name of Bank

Yours faithfully,

Signature of contractor

Full Name

Address

Annexure-I

Format of BG for EMD

(IN STAMP PAPER)

Bank Guarantee No: _____, **Date:** _____

Bank Details:

Guarantor:

Tender No:

Name of Work:

Name of Bidder/Applicant:

Beneficiary: Chief General Manager (PP&I),
Assam Power Generation Corporation Ltd. (APGCL)
3rd Floor, Bijulee Bhawan, Paltanbazar, Guwahati – 781001, Assam.

Whereas(*Name and address of the bidder*) is willing to submit their bid against the above mentioned tender no: for(*Name of Work*) invited by the beneficiary on behalf of Assam Power Generation Corporation Ltd. and as per tender/bid conditions, the applicant is required to submit a Bank Guarantee as Earnest Money Deposit.

At the request of the applicant, we as Guarantor, hereby irrevocably undertake to pay the beneficiary any sum or sums not exceeding in total an amount of Rs.....(*in numeric*) (*Rupeesonly- In words*) if:

- 1) The bidder withdraws or amends, impairs or derogates from the bid in any respect within the period of validity of the bid.
- 2) The bidder fails to furnish the Performance Security for the due performance of the contract/Work Order against this tender.
- 3) The bidder fails or refuses to execute the contract.

We undertake to pay the beneficiary up to the above amount upon receipt of its first written demand, without the beneficiary having to substantiate its demand, provided that in its demand the beneficiary will note that the amount claimed by it due to it owing to the occurrence of one or more of the conditions, specifying the occurred condition or conditions.

This guarantee will remain in force for 01 (one) Year from the start date of online submission of bid up to amount Rs..... (*in numeric*) (*Rupeesonly- In words*) and any demand in respect thereof should reach the bank not later than the above date.

Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary, notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of guarantee can be made only by the beneficiary directly.

Not withstanding anything to the contrary contained herein:

1. Our liability under this bank Guarantee shall not exceed Rs.....(*in numeric*) (*Rupeesonly- In words*).
2. This Bank Guarantee shall be valid up to 01 (one) Year from the start date of online submission of bid.
3. The beneficiary's right as well as the Bank's liability under this guarantee shall stand extinguished unless a written claim or demand is made under this guarantee up to a period of 01 (one) Year from the start date of online submission of bid.
- 4.

Dated at _____ this ____ day of _____, 2024

(Signature on behalf of the Nationalized/Scheduled Bank)

(Seal of the Nationalized/Scheduled Bank)

Address of the main Branch of the Bank.....

Address of the BG issuing Bank.....