

ASSAM POWER GENERATION CORPORATION LIMITED

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

BIJULEE BHAWAN, GUWAHATI-781001



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

NAME OF THE WORK: Renovation of Borolongku LP School including water supply and required internal electrification under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao

Issued to:

Name:-

Address: –

Issued by:

Price: - ₹300/-
(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)

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

Date: 20/05/2025

The Chief General Manager (PP&I), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781 001 invites sealed tenders in prescribed forms from bonafide, experienced and financially sound contractors/firms for the following work:

Sl. No.	Name of work	Tendered amount (Rs.) (Including GST)	Tender Fees (Rs.) (Including GST)	Earnest Money		Time of completion
				General (Rs.)	SC/ST/OBC (Rs.)	
1	Renovation of Borolongku LP School including water supply and required internal electrification under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao	15,48,533.00	300.00	30,971.00	15,485.00	60 days

The bid documents may be downloaded from the website www.apgcl.org w.e.f. 20/05/2025. The Tender Fees (Non-Refundable) and Earnest Money amount has to be deposited separately along with the submitted tender in the form of Demand Draft drawn in favour of The Chief General Manager (F&A), APGCL from any Nationalized/Schedule Bank.

The tenders will be received up to 1:00 P.M. of 10/06/2025 and will be opened at 3:00 P.M. on the same day (10/06/2025). The Chief General Manager (PP&I), APGCL is not bound to accept the lowest rate and reserves the right to accept or reject any or all tenders without assigning any reason thereof.

-sd-

Chief General Manager (PP&I),
APGCL

Memo No. APGCL/LKHEP/PD/2024-25/95/01 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

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

BID INVITATION FOR: Renovation of Borolongku LP School including water supply and required internal electrification under LAD Scheme of 120 MW LKHEP, Longku, Dima Hasao

EARNEST MONEY DEPOSIT: Rs. 30,971.00 (for General)
Rs. 15,485.00 (for SC/ST/OBC)

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 **60 (sixty) 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. BID-GUARANTEE OR EARNEST MONEY DEPOSIT: (E.M.)

3.1 Every bid or tender shall be accompanied by a deposit of E.M for an amount indicated in the Tender Notice pertaining to the work, in the form of an acceptable **Demand Draft only from a Nationalized / Schedule Bank pledged in favour of the Chief General Manager (F&A), APGCL, Guwahati.** Irregular tender is liable to be rejected.

3.2 The E.M. as mentioned above will be returned to the respective unsuccessful bidder soon after the award of the contract. The E.M. will be retained towards the contract security deposit in the case of selected bidder or bidders in whose favour the contract is awarded. The APGCL will not entertain any claim for release of the E.M. during pendency in selection of contractors for awarding the contract. The APGCL will not pay any interest on the E.M. deposit.

3.3 The E.M. is liable to be forfeited in the absolute discretion of the Chief General Manager (PP&I), APGCL, if a selected bidder revokes or causes to withdraw his offer / tender before the expiry of its validity or fails after the contract is awarded to him to execute the 'Contract agreement' with the APGCL described herein after (so far as applicable) or to commence the work within the period as notified in the work order.

3.4 A tender is liable to outright rejection in absence of the requisite E.M. deposit.

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

4.1 The security to be taken for due performance of the contractor will be a total deduction of 10% (ten percent) including the E.M. retained against the successful bidder, from the **First and Final Account Bill Payment made on completion of the work.**

4.2 Such S.D. shall be forfeited or appropriated by the CGM (PP&I), APGCL, Bijulee Bhawan, Guwahati under authority of the owner in his discretion towards any loss, damage etc. that may be sustained by the APGCL as a result of breach of any terms, conditions of the contract by the contractor, notwithstanding other remedies open to the APGCL under the terms of the contract or law.

4.3 In the event of contractor's Security Deposit being appropriated towards loss, damage etc, the contractor shall forthwith recoup the amount to restore the Security Deposit to the full current value within 30 (thirty) days from the date of intimation.

4.4 Subject to the provisions mentioned above and the provisions of **guarantee period of one year**, the Security Deposit will be returned to the contractor on the due and satisfactory completion of the

contract and after all claims of the APGCL shall have been settled. The APGCL will not pay any interest on the amount of Security Deposit of Performance Guarantee. If the work gets damaged during the defect liability period due to fault of the contractor or even otherwise (including due to force majeure) the CGM (PP&I) reserves the right to forfeit the SD Money.

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 prior to the start date of bid submission 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. 6.2 lakhs (40% of the tendered amount)**.
- or
- b. Two similar completed works costing not less than the amount equal to **Rs. 7.7 lakhs (50% of the tendered amount)**.
- or
- c. One similar completed work costing not less than the amount equal to **12.4 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. 7.7 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.**

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) First and Final Account Bill 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 and may take appropriate action under the terms of the Contract or Law.

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 “Renovation of Borolongku LP School including water supply and required internal electrification 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					
Renovation of Borolongku LP School including water supply and required internal electrification 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 up to 50 m and lift up to 1.5 m, as directed by Engineer-in-Charge: All kinds of soil	cum	42.07		
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport up to 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	6.32		
3	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	13.08		
4	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	2.86		
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	1.36		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
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 and 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	0.76		
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	212.59		
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	60.63		
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	19.42		
10	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	4.34		
11	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	11.40		
12	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	1.08		
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	15.34		
14	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	15.32		
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	47.57		
16	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	2.29		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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	0.52		
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	1.60		
19	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	39.98		
20	Providing and laying Vittrified 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 Vittrified tiles Matt/Antiskid finish of size of Tile 600 x 600 mm	sqm	15.11		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
21	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) Medium shade pigment using 50% white cement, 50% ordinary cement	sqm	5.88		
22	12 mm cement plaster of mix 1:4 (1 cement: 4 fine sand)	sqm	53.57		
23	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		
24	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 Engineerin-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	25.03		
25	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	0.08		
26	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	7.78		
27	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	18.78		
28	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	43.64		
29	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	43.64		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
30	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	8.93		
31	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	8.93		
32	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	445.41		
33	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	10.08		
34	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with awall 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	20.30		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
35	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. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick pre laminated PVC door shutters	sqm	5.27		
36	Providing and fixing ISI marked oxidized M.S. sliding door bolts with nuts and screws etc. complete (250x16 mm)	each	2		
37	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (150x10 mm)	each	2		
38	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	64.50		
39	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	28.89		
WATER STAGING WORKS					
40	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		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
41	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		
42	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		
43	<u>FORM WORK</u> Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	sqm	1.04		
44	<u>REINFORCED CEMENT CONCRETE</u> 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 : 1.5:3 (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		
45	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		
MISC. REPAIRING WORKS					
46	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	sqm	52.85		
47	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	4.01		
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	5.52		
49	12 mm cement plaster of mix 1:4 (1 cement: 4 fine sand)	sqm	196.09		
50	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Kiln seasoned and chemically treated hollock wood	cum	0.14		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
51	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	4.00		
52	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) Kiln seasoned and chemically treated hollock wood 35 mm thick shutters	sqm	8.19		
53	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	sqm	0.80		
54	SHEET ROOFING Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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. 0.63 mm thick with zinc coating not less than 275 gm/ m ²	sqm	8.24		
55	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete 0.63 mm thick with zinc coating not less than 275 gm/ m ²	Rm	5.50		
56	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	0.27		
57	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 separately). 6 mm thick Cement fiber board as per IS: 14862	sqm	7.78		
58	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	389.71		
59	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	198.21		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
60	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	216.69		
61	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	117.78		
62	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	395.47		
63	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	277.69		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
64	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	52.85		
65	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	65.65		
66	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	65.65		
67	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	271.27		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
68	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	101.19		
69	CERAMIC GLAZED TILES Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	2.94		
70	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	8.55		
WATER SUPPLY SANITARY AND PLUMBING WORKS					
71	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	metre	40.00		
72	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	metre	30.00		
73	Providing and fixing soil, waste and vent pipes : 100 mm diameter : Sand cast iron S&S pipe as per IS: 1729	metre	8.00		
74	Providing and fixing soil, waste and vent pipes : 75 mm diameter : Sand cast iron S&S pipe as per IS: 1729	metre	12.00		
75	Providing and fixing terminal guard : 75 mm Sand cast iron S&S as per IS - 3989	each	2		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
76	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia	each	8		
77	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	2		
78	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	each	2		
79	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	2		
80	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	2		
81	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	each	2		
82	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	each	2		
83	Providing and fixing brass stop cock of approved quality 15 mm nominal bore	each	2		
84	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	2		
85	Providing and fixing unplasticized PVC connection pipe with brass unions: 30 cm length 15 mm nominal bore	each	2		
86	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	2		
87	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		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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	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	6.54		
89	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. 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	4		
90	Providing and fixing PTMT soap Dish Holder having length of 138 mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	each	4		
91	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		
92	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 S nos 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		
93	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		

Table					
Renovation of Borolongku LP School including water supply and required internal electrification 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)
ELECTRICAL WORKS					
94	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	15		
95	Wiring for circuit/ submain wiring along with 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		
96	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		
97	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. 6 Module (200mmX75mm)	each	4		
98	Supplying and fixing following piano type switch/socket on the existing switch box/ cover including connections etc. as required. 5/6 amps switch	each	14		
99	Supplying and fixing brass batten/ angle holder including connection etc. as required.	each	12		
100	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	4		
101	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		
Total including GST (INR)					
Total Amount in Words:					

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 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