

# **ASSAM POWER GENERATION CORPORATION LIMITED**

OFFICE OF THE CHIEF GENERAL MANAGER (HYDRO & CIVIL),  
BIJULEE BHAWAN, GUWAHATI-781001



## **TENDER DOCUMENT FOR**

NIT NO: - Tender Notice No. 15 of 2020-21 of CGM (H & C) dtd: 17.12.2020

NAME OF THE WORK: - Repairing of quarter No. Type-IV/11,16,20,29 (New Colony) and Type-V/01 (New Colony) and Type-VI/40,49 (New Colony) at LTPS, Maibella

December-2020

Issued to:

Name:-

Address: -

Issued by:

Price: - ₹ 500/-  
(Non Refundable)

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## CHAPTER-I

### TENDER NOTICE



#### **ASSAM POWER GENERATION CORPORATION LIMITED**

Registered Office: Bijulee Bhawan, 2<sup>nd</sup> floor, Paltanbazar, Guwahati-781 001, Assam.

Email: cgmh2010@yahoo.in, Tele-Fax: 0361-2739522.

**Chief General Manager (Hydro & Civil)**

Notice No. APGCL/CGM (H&C)/15 of 2020-21


Date: 17/12/2020

The Chief General Manager (Hydro & Civil), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1 invites sealed tenders in prescribed forms from bonafide, experienced and financially sound contractors/firms for the following works:

Sl. No.	Name of work	Tendered amount (Rs.) (including GST)	Earnest Money		Time of completion
			General (Rs.)	SC/ST/OBC (Rs.)	
1	Renovation of Children park and Construction of drain along with cover slab at LTPS, Maibella	Rs. 15,25,832.00	Rs. 30,516.00	Rs. 15,258.00	50 days
2	Repairing of link cable office building, quarter No. Type-III/18, RCC Type-III B/1B, VI/56 and VI/57 (Old Colony) at LTPS, Maibella	Rs. 5,24,099.00	Rs. 10,482.00	Rs. 5,241.00	50 days
3	Repairing of quarter No. Type-IV/10,13,17,22,24 and 27 (Old Colony) at LTPS, Maibella	Rs. 5,73,753.00	Rs. 11,476.00	Rs. 5,738.00	50 days
4	Repairing of quarter No. Type-IV/11,16,20,29 (New Colony) and Type-V/01 (New Colony) and Type-VI/40,49 (New Colony) at LTPS, Maibella	Rs. 4,83,419.00	Rs. 9,668.00	Rs. 4,834.00	50 days
5	Repairing of quarter No. Type-V/02,04,18,30,32,50,62,68 and 82 (Old Colony) at LTPS, Maibella	Rs. 7,66,101.00	Rs. 15,322.00	Rs. 7,661.00	50 days
6	Repairing of quarter No. Type-VI/51,52,53,54 and 55 (Old Colony) at LTPS, Maibella	Rs. 5,29,086.00	Rs. 10,582.00	Rs. 5,291.00	50 days

The bid documents may be obtained from the office of the Chief General Manager (Hydro & Civil), APGCL on written request to the Chief General Manager (Hydro & Civil), during office hours on all working days w.e.f. 18/12/2020 to 28/12/2020 on payment (non-refundable) of Rs. 500.00 (Rupees five hundred only) in the shape of Demand Draft only from Nationalized/Schedule Bank in favour of Deputy General Manager (F & A), APGCL. The bid documents may also be downloaded from the website [www.apgcl.org](http://www.apgcl.org).

The cost of bid is to be deposited separately with the downloaded tenders alongwith Earnest Money. The tenders will be received up to 13.00 hours of 29/12/2020 and will be opened at 14.00 hours on the same day in presence of the tenderers or their authorized representatives. The Chief General Manager (Hydro & Civil), 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. Any addendum/corrigendum/extension in respect of this tender shall be issued on APGCL's website: [www.apgcl.org](http://www.apgcl.org)

  
Chief General Manager (Hydro & Civil),  
APGCL

Memo No. APGCL/CGM(H&C)/W/2020-21/857/07(a)

Date: 17/12/2020

Copy to: -

- 1) The Managing Director, APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for favour of kind information.
- 2) The Chief General Manager (Gen), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for information.
- 3) The Chief General Manager (F&A), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for information.
- 4) The General Manager, Design (Civil), APGCL, Narengi, Guwahati-781 026, for information and wide circulation.
- 5) The General Manager, LTPS, APGCL, Maibella, for information and wide circulation.
- 6) The Deputy General Manager, Investigation Circle, APGCL, Narengi, Guwahati-781 026, for information and wide circulation.
- 7) The Assistant General Manager (Civil), LTPS, APGCL, Maibella, for information and necessary action.
- 8) The P.R.O, APDCL, Bijulee Bhawan, Paltanbazar, Guwahati-1 for information with a request to publish the NIT in 1 (one) issue of Local Dailies in Regional and English language on or before 18/12/2020.
- 9) Relevant File.

  
Chief General Manager (Hydro & Civil),  
APGCL

## 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 (H&C) or owner or purchaser or project authority wherever used in this document shall mean the officer holding the post of the Chief General Manager (Hydro & Civil) 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) Equipment specifications and drawings, so far as applicable
  - d) Approved agreement forms duly signed, dated and sealed by the contractor and the owner as specified in the said forms
- 1.06** 'Equipments' 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**

**NIT NO:** - Tender Notice No. 15 of 2020-21 of CGM (H & C) dtd: 17.11.2020

**BID INVITATION FOR:** - Repairing of quarter No. Type-IV/11,16,20,29 (New Colony) and Type-V/01 (New Colony) and Type-VI/40,49 (New Colony) at LTPS, Maibella

**EARNEST MONEY DEPOSIT:**

Rs. 9,668.00 (for General)

Rs. 4,834.00 (for SC/ST/OBC) (For Individual only)

**1. DUE DATE AND CLOSING TIME**

The bid will be received up to 1.00 p.m. on 29/12/2020. The opening time of the bids will be at 2.00 p.m. on the same day and the venue will be the office of the Chief General Manager (Hydro & Civil), APGCL. Bidders or their authorized representatives will make it convenient to attend the bid opening on time.

**2. TIME OF COMPLETION OF WORK**

The stipulated time of completion of the work is 50 (fifty) days from the date of handing over the site.

**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 (ordinarily equivalent to 2% of the estimated value of work, unless otherwise specified in the Notice), in the form of an acceptable **Demand Draft only from a Nationalized Bank pledged in favour of the Deputy 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 CGM (H&C), 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.**

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

4.1 The security to be taken for due performance of the contract in terms of the 'contract agreement' will be a deduction of 10% (ten percent) from every ad-interim payment made on account of works performed, until the sum of these deductions and E.M. together becomes equal to 10 (ten) percent of the total executed value.

4.2 Such S.D. shall be forfeited or appropriated by the CGM (H&C), 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 performance

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.

**5. GOODS AND SERVICE TAX / INCOME TAX CERTIFICATE (PAN / GST):**

5.1 All duties, taxes including Goods and Services Tax (GST) and other levies, royalty, building and construction workers cess (as applicable in states), payable by the bidder/Contractor under the Contract, or for any other cause as applicable on the last date of submission of Bid, shall be included in the rates, prices and the total Bid Price submitted by the Bidder. All investments, operating expenses, incidentals, overheads leads, lifts, carriages, tools, and plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total Bid price submitted by the bidder.

However, such duties, taxes, levies etc. which is notified after the last date of submission of Bid and/ or any increase over the rate existing on the last date of submission of Bid shall be reimbursed by the company on production of documentary evidence in support of payment actually made to the concerned authorities.

Similarly if there is any decrease in such duties, taxes and levies the same shall become recoverable from the contractor. The details of such duties, taxes and other levies along with rates shall be declared by the bidder.

The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

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 three consecutive financial 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 (H&C), 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 (H&C), 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.**

6.2 Civil Engineering firms/contractors with adequate experience of having successfully completed **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:-

a. Three similar completed works costing not less than the amount equal to **Rs. 1.93 lakh (40% of the tendered amount).**

or

b. Two similar completed works costing not less than the amount equal to **Rs. 2.41 lakh (50% of the tendered amount).**

or

c. One similar completed work costing not less than the amount equal to **Rs. 3.86 lakh (80% of the tendered amount).**

They must submit such completion certificate with the tender.

6.3 Cost over run shall not be accepted.

6.4 Contractors should be financially sound to invest the amount and should submit necessary evidence on this account. **Average Annual turnover during last three Financial Years i.e. 2018-19, 2017-18, 2016-17 should not be less Rs. 2.41 lakh (50% of the tendered amount).**

**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 equipments 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 in the prescribed format.

8.2 **The rates quoted by the bidders will be inclusive of all taxes, royalties and other statutory levies as applicable.**

8.3 The specification of the items in BOQ shall be as per the APWD SOR. If any items of the BOQ are not in the SOR then its specifications shall be as per relevant drawings/ additional specifications.

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 (H&C)/ 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 on S.O.R. APWD Building (Civil Works) for the year 2013-2014 and S.O.R. APWD Sanitary and Water Supply Works for the year 2013-2014

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 (H&C) will be final and conclusive.

8.6 **The quoted rates will be firm for entire period of completion of the work and no price escalation 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 form of declaration. If there is no litigation, then the bidder is requested to submit NIL in the form of declaration.**

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 to be duly signed and sealed (if any) by the tenderer.**

## 9. AWARD OF CONTRACT

9.1 The contract 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 factors considered. An award mailed (or otherwise furnished) to the successful bidder within the time for acceptance specified in the bid will result in a binding contract without further action by either party. The CGM (H&C), 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. CONTRACT AGREEMENT**

10.1 The 'Contract agreement' (or Tender Agreement) for the works will be drawn up with the selected bidder/bidders within 7 (Seven) days of issue of the work order and the contract documents will comprise as described herein before.

10.2 The conditions of the F-2 form shall form part and parcel of the agreement. However wherever there is any contradiction or variation between the conditions of the F-2 form, the terms and conditions specified elsewhere in this document, the later will be treated as superseding the former. Terms and conditions shall be as per F-2 Form of agreement and has to follow accordingly. In the Form F-2 all the designations appearing as Executive Engineer/Sub divisional Officer shall be read as Chief General Manager (Hydro & Civil), Assam Power Generation Corporation Limited (herein after called as C.G.M (H&C), APGCL).

10.3 In a case where the selected bidder fails to commence the work as shall be notified in the work order or fails to execute the tender agreement with the CGM (H&C), APGCL as stipulated herein before; the CGM (H&C), APGCL reserves the right to claim loss, damage etc. and take appropriate action under the terms of this document or law including forfeiture of E.M.

**11. TOOLS & PLANTS**

11.1 The APGCL shall not furnish any tools & tackle, plants and equipments or such facilities for carrying out the work by the contractor (excluding hypothecation). The contractor shall arrange and maintain the equipments required for implementation of work all throughout the period of the contract.

**12. MATERIALS & LABOUR**

12.1 All materials (this includes without limitation raw materials, parts, components etc.) and labourers 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).

12.2 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.

12.3 APGCL shall not issue any construction materials such as cement, reinforcement bar, or any other materials.

12.4 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.

12.5 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 contractor.

**13. CHANGES IN QUANTITY AND ITEM**

13.1 The CGM (H&C), 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 authority 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.

**14. INSPECTION**

14.1 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 (Hydro & Civil), 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.

14.2 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 (Hydro & Civil), APGCL shall have the right either to reject them or to require their correction, as directed by the department.

14.3 The inspection and test by the CGM (Hydro & Civil), 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.

14.4 The contractor shall provide and maintain an inspection system acceptable to the CGM (Hydro & Civil), 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 (Hydro & Civil), APGCL during the performance of this contract.

**15. FORCE MAJEURE**

15.1 The contractor shall not be liable for any excess cost of any failure to perform the contract arises out of causes beyond the control and without the fault or negligence of the contractor (such as FORCE MAJEURE) PROVIDED THAT the contractor shall notify the authority in writing of the cause of any such delay, within fifteen (15) days from the beginning thereof or within such further period as the authority shall grant for the giving of such notice.

**16. LIQUIDITY DAMAGE**

16.1 The liquidated damages shall be payable for delay in completion of the work @ 1.0% (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.

**17. TERMS OF PAYMENT**

- 1) Bills shall be entertained on the basis of actual measurement of completed works as per standard procedure.
- 2) Every payment shall be made subject to the availability of fund.

**18. CONTRACTUAL FAILURE:**

18.1 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 any money received from the bidder and may take appropriate action under the terms of the Contract or Law.

**19. SETTLEMENT OF DISPUTE:**

19.1 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 infructuous, 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.

**20. TERMINATION:**

20.1 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 involve in performance of the contract under this invitation in order to reduce the cost of construction measures in terms of:

- a. Human life sacrificed
- b. Temporary and permanent injuries to workers.
- c. Loss of materials resulting from accidents.
- d. Loss of damage to equipment.
- e. The cost of workman's compensation insurance.
- f. Loss of times due to accidents.

Suitable safety programme to be developed to cope with the particular hazards for each operations of the performance of the contract.

#### 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. The bid price of the contractor for various items shall include these incidental cost.

## 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 camp site should be properly maintained and hygienic so that pollution can be controlled and just before completion of the work site must be cleared properly.

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 .....

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:**

**ANNEXURE-A**

To,

The Chief General Manager (Hydro & Civil),  
APGCL, Bijulee Bhawan  
Paltanbazar, Guwahati-1

Sub: Submission of tender for the work “Repairing of quarter No. Type-IV/11,16,20,29 (New Colony) and Type-V/01 (New Colony) and Type-VI/40,49 (New Colony) at LTPS, Maibella”

Ref: Your Tender Notice No. 15 of 2020-21 of CGM (H & C) dtd: 17.12.2020

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.

A. (Schedule of item of work)

A. Repairing of quarter no. Type-IV/11 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels. (i) Area of door/window up to 3.00 m2	each	13		
2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design oxidized in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. (b) With 1 <sup>st</sup> class timber (Bonsum/ Sundi)	cum	0.208		
3	Providing, fitting and fixing fully glazed window with sash bars including oxidized M.S butt hinges (75mmx 60mmx3.15mm) 2nos.on each leaf and 3 nos. on single leaf (glass panes to be measured and paid separately) C) With 1 <sup>st</sup> class local wood (Hollock/Bola/Bonsum) (ii) 35mm thick	sqm	1.85		
4	Providing and fixing flush door shutters solid core construction with frame of 1 <sup>st</sup> class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidized iron butt hinges (100mm x 75mm x 3.5mm) 6 nos. with necessary wood screws. b) Non decorative type and block board core. (ii) 35 mm thick.	Sqm	7.00		



5	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (a). With ready mixed paint , Wood primer (pink)	sqm	23.916		
6	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	Sqm	23.916		
7	Painting one coat (excluding priming coat) on old wood and wood based surfaces with enamel paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	Sqm	36.534		
8	Demolishing CC floors of various thickness including top layer and base course and disposal of debris as directed for all levels.	Sqm	46.22		
9	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.	sqm	46.22		
10	Providing form work of 12mm thick Plywood Board so as to give a rough finish including centering, shattering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in situ reinforced concrete and plain concrete work in: Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like. (a) Floors etc. upto 200mm in thickness.	Sqm	8.64		
11	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor	qtl	0.535		

	etc. will be entertained in the measurement as they are included in the rate) (Upto 1 <sup>st</sup> floor level) b) Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX) (For Assam Type Bldg., drain works, retaining wall & boundary wall etc.				
12	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm downgraded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) (I) Using Mixer Machine (A) In substructure up to plinth level Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level. N) Without using admixture, plasticizer a) M15 grade concrete or Prop. 1:2:4	cum	0.648		
13	Brick work in cement mortar with 1 <sup>st</sup> class brick including racking out joints and curing complete as directed. (II) In superstructure above plinth level up to 1 <sup>st</sup> floor level. (b) In proportion 1:4.(1 cement:4 sand)	cum	0.064		
14	Providing and fixing clear sheet glass bedded in putty and fixed with/without wooden bidding including necessary cutting and glass to be required sized(payment for wooden bead shall be made separately) (2). Area of glass panes exceeding 0.15m <sup>2</sup> but not exceeding 0.52m <sup>2</sup> . (b). 4.00mm thick.	Sqm	2.816		
15	Providing barge board of size 200mm x 20mm with 1 <sup>st</sup> class local Hollock/ Bonsum timber including fitting and fixing with necessary wood screws etc. complete.	Rm	8.00		
16	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1 <sup>st</sup> floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed. b) In cement mortar 1:4	sqm	46.52		
17	Providing wood work in frame of false ceiling partitions etc. sawn, wrought, framed hoisted and fixed in position with spikes, nails, M.S flat, angle/ cleats with bolt and nuts complete including kiricide oiling two coats to unexposed surfaces of the timber (M.S flats, angle cleats, and bolt and nuts required for flat, angle cleats wherever necessary shall be measured and paid separately) (b) With Gamari/ Bonsum/ Sundi	cum	0.257		
18	Supplying, fitting and fixing ceiling tiles of 10mm thick made from Duratuff medium density fibre board	Sqm	26.88		

	in size 1200mm x 1200mm x 10mm with Sal wood timber frame (to be measured and paid separately) leaving an expansion gap of 3mm with necessary nails, screws etc. including 1 <sup>st</sup> class local wood (Hollock /Bonsum / Sundi etc.) beading of size 50mm x 12mm complete as directed and specified.				
19	Colour washing with lime on wall surface (two coats) over and including a priming coat of white washing to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sqm	178.99		
20	White washing with lime on wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sqm	46.22		
21	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on old wall surface (one coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose or softened paint.	Sqm	88.44		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				

B. Repairing of quarter no. Type-IV/16 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Providing, fitting and fixing fully glazed window with sash bars including oxidised M.S butt hinges (75mmx 60mmx3.15mm) 2nos.on each leaf and 3 nos. on single leaf (glass panes to be measured and paid separately) B) With 1st class local wood (Hollock/Bola/Bonsum) (ii) 35mm thick	sqm	3.12		
2	Providing, fitting and fixing full panelled doors/ windows including oxidised M.S butt hinges (100mm x75 mm x3.55mm) with necessary screws (other fittings to be measured and paid separately ) B) With 1st class local wood (Gamari/Hollock/Bonsum) (ii) 35 mm thick.	sqm	3.26		
3	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (a). With ready mixed paint , Wood primer (pink)	sqm	12.76		
4	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	12.76		
5	Supplying, providing, mixing and laying over waterproofing layers/ coatings with concrete screed of average 30mm thick or as per drawings/ requirements in proportion 1:2:4 (1cement : 2fine aggregate : 4coarse aggregate) (by volume) with 10mm and down well graded aggregates and admixed with a normal plasticizer like Master Plast PL-1 of Choksey Chemicals /Dr. Sealkit Normal Plast (Asian Chemicals)/Rheomac 707 of BASF @ 0.3% by weight of cement and thereafter scoring the top surface of the concrete screed @ 200mm c/c as specified and directed by the Department.	sqm	3.08		
6	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.	sqm	9.00		

7	<p>Providing, fitting and fixing PVC Door shutters of 37mm (single panel seamless finish) of Syntex make, at all levels made of extruded sections in the configuration of 'A'. The overall dimension is 37mm x 90mm, with usual process variation having a wall thickness of 2mm with a variation of +0.03mm provided with all plastic reinforcement to avoid rusting. The shutter frame is mitred and joined at the corners by means of stainless steel screws. The corners of the shutter frame are being reinforced by polymeric reinforcement of the size 125mm x 250mm and the lock rail is reinforced by 45 x18 x255 size reinforcement.</p> <p>The lock rail is made of extruded hollow PVC section in the configuration of 'H' having wall thickness of 2mm with a variation of +0.03mm and effective dimension of 37mm x 105mm. The infill is made of multi-chambered hollow PVC extruded panel having an effective dimension of 762mm x 20mm or less as per requirement with usual process variation having a wall thickness of 1mm +0.03mm. The entire door shutter should be provided with S.S. screws at appropriate places for rust free quality. (Door fixtures and fittings to be measured and paid separately.)</p>	sqm	1.50		
8	<p>Providing, fitting and fixing factory made wooden panelled doors with panel inserts of 75mm to 50mm width and 12mm to 20mm thickness, joined together with continuous tongue and groove joints glued together with Movicol or other approved adhesive leaving a vertical groove of 7.5mm to 15mm between the inserts, the edges of panel inserts being feather tongue into styles and rails including providing three pairs of oxidised M.S butt hinges (100mm x75 mm x3.55mm), 300x12 mm Aluminium Tower bolts- 2nos, 150 mm Aluminium Door handle-2nos, 300x16mm- Aluminium Sliding Door bolts-2nos and Door stopper with rubber stopper-1nos with necessary screws and furnishing with moulded timber beading of size 25mmx15mm around the panels complete as per drawing B) With 1st class local wood (Gamari/ Hollock/Bonsum) (ii) 35 mm thick.</p>	sqm	1.80		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				

C. Repairing of quarter no. Type-IV/ 20 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels. (i) Area of door/window up to 3.00 m <sup>2</sup>	each	4		
2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. (b) With 1st class timber (Bonsum/ Sundi)	cum	0.222		
3	Grading roof for water proofing treatment with a) Cement concrete 1:2:4 (cement: 2 coarse sand: 4 graded stone agg. 20 mm nominal size)	cum	0.27		
4	Providing and fixing clear sheet glass bedded in putty and fixed with/without wooden bidding including necessary cutting and glass to be required sized(payment for wooden bead shall be made separately) (2). Area of glass panes exceeding 0.15m <sup>2</sup> but not exceeding 0.52m <sup>2</sup> . (b). 4.00mm thick.	sqm	1.386		
5	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (a). With ready mixed paint , Wood primer (pink)	sqm	6.12		
6	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	6.12		
7	Painting one coat (excluding priming coat) on old wood and wood based surfaces with enamel paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	96.48		
8	Providing wood work in frame of false ceiling	cum	0.247		

	partitions etc. sawn, wrought, framed hoisted and fixed in position with spikes, nails, M.S flat, angle/ cleats with bolt and nuts complete including kiricide oiling two coats to unexposed surfaces of the timber (M.S flats, angle cleats, and bolt and nuts required for flat, angle cleats wherever necessary shall be measured and paid separately) (b) With Gamari/ Bonsum/ Sundi				
9	Supplying, fitting and fixing ceiling tiles of 10mm thick made from Duratuff medium density fibre board in size 1200mm x 1200mm x 10mm with Sal wood timber frame (to be measured and paid separately) leaving an expansion gap of 3mm with necessary nails, screws etc. including 1st class local wood (Hollock /Bonsum / Sundi etc.) beading of size 50mm x 12mm complete as directed and specified.	sqm	24.92		
10	Colour washing with lime on wall surface (two coats) over and including a priming coat of white washing to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	sqm	229.29		
11	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on old wall surface (one coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose or softened paint.	sqm	132.29		
12	White washing with lime on wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	sqm	285.18		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				

D. Repairing of quarter no. Type-IV/29 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels. (i) Area of door/window up to 3.00 m2	each	6		
2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. (b) With 1st class timber (Bonsum/ Sundi)	cum	0.096		
3	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 nos. with necessary wood screws. b) Non decorative type and block board core. (ii) 35 mm thick.	sqm	3.04		
4	Providing undressed wood work in roof truss, rafter, purlin, tie and the like including hoisting and fixing in position with necessary spikes, nails including M.S straps with bolt and nuts etc. complete with kiricide oiling two coats to all timber members and two coats of anticorrosive paint to M.S straps (M.S flats, angle cleats, and bolt and nuts required for flat and angle cleats wherever used shall be measured and paid separately) (c) With 2nd class treated timber	cum	0.095		
5	Supplying, fitting and fixing ceiling tiles of 10mm thick made from Duratuff medium density fibre board in size 1200mm x 1200mm x 10mm with Sal wood timber frame (to be measured and paid separately) leaving an expansion gap of 3mm with necessary nails, screws etc. including 1st class local wood (Hollock /Bonsum / Sundi etc.) beading of size 50mm x 12mm complete as directed and specified.	sqm	5.75		
6	Demolishing plain cement concrete including disposal of debris as directed for all levels (i) Prop (1 : 4 : 8) or leaner mix	cum	0.836		
7	25 mm thick cement concrete topping 1:2:4 (1cement : 2 coarse sand : 4 coarse aggregate of 12 mm nominal size) finished with a floating coat of neat cement finish to be laid in panels including curing complete as directed.	sqm	8.06		
8	Grading roof for water proofing treatment with a) Cement concrete 1:2:4 (cement: 2 coarse sand: 4	cum	0.634		



	graded stone agg. 20 mm nominal size)				
9	Demolishing RCC work including stacking of steel bars and disposal of unserviceable material as directed for all levels	cum	0.17		
10	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level) b) Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX) (For Assam Type Bldg., drain works, retaining wall & boundary wall etc.	qtl	0.083		
11	Providing and laying plain/reinforced cement concrete works using cement, coarse sand & 20mm downgraded stone aggregate with cost of necessary form work including dewatering if necessary, and curing for reinforced cement concrete work complete as directed (Reinforcement will be measured and paid separately) D) Using mixture machine B) In super structure up to 1st floor level iii) Suspended floor (Slab, balcony, staircase etc) N) Without using admixture, plasticizer (a) M15 or Prop. 1:2:4	cum	0.17		
12	Supplying, fitting and fixing stainless steel kitchen sink with CI/ms brackets, CP brass chain with rubber plug, PVC waste pipe, etc. complete including painting the fittings, cutting and making good the walls wherever required (sink cock, stop cocks, waste coupling are to be paid separately) A) Parryware vi) Single bowl (160 x180) Flat edge – Glossy (Cat No. C8538)	each	1		
13	Providing, fitting and fixing waste coupling complete as directed and specified b) Sona i) Rupa 32 mm (HT/FT) (Cat No. WS-0801)	each	1		
14	Demolishing the plastering from walls/ R.C.C. and P.C.C. members without causing any damage to the wall/ member upto any height including disposal of debris as directed for all levels.	cum	0.230		
15	15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed. A) On rough side b) in cement mortar 1:4	sqm	15.28		
16	Extra for providing and mixing Integral waterproofing compounds like Master Proof IWP-1 of Choksey	cum	0.230		

	Chemicals /Dr. Sealkit No.1 (Asian Chemicals)/ RHEOMAC 707 of BASF @ 0.2% by weight of cement for waterproofing structures like roof slabs, basement, sunken slabs, chajjas, tunnels, water tank etc. as specified and directed by the Department complete at all levels. B In Plasters/ mortars of proportion: (ii) 1 : 4 (1cement : 4coarse sand)				
17	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on new wall surface to give an even shade, after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth.	sqm	28.58		
18	Providing drain with brick work in cement mortar in proportion 1:5 with half brick thick side walls and 100mm thick C.C (1:3:6) base over one brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary shattering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.	Rm	6.00		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				

E. Repairing of quarter no. Type-V/01 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels. (i) Area of door/window up to 3.00 m <sup>2</sup>	each	4		
2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. (b) With 1st class timber (Bonsum/ Sundi)	cum	0.11		
3	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 nos. with necessary wood screws. b) Non decorative type and block board core. (ii) 35 mm thick.	sqm	3.78		
4	Providing, fitting and fixing fully glazed window with sash bars including oxidised M.S butt hinges (75mmx 60mmx3.15mm) 2nos.on each leaf and 3 nos. on single leaf (glass panes to be measured and paid separately) C) With 1st class local wood (ii) 35mm thick	sqm	0.988		
5	Demolishing CC floors of various thickness including top layer and base course and disposal of debris as directed for all levels.	sqm	10.81		
6	Cement concrete works in topping 1:1:2 (1cement :1sand :2 graded aggregates on R.C.C floor, tread and rise of steps finished with a floating coat of neat cement using cement slurry for bond @ 2.75 kg of cement per sq. m. of floor to be laid in panels including curing complete as directed. (a) 15 mm thick	sqm	10.81		
7	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed. b) In cement mortar 1:4	sqm	12.25		
8	Providing and fixing clear sheet glass bedded in putty and fixed with/without wooden bidding including necessary cutting and glass to be required sized(payment for wooden bead shall be made separately) (2). Area of glass panes exceeding 0.15m <sup>2</sup> but not	sqm	1.76		

	exceeding 0.52m <sup>2</sup> . (b). 4.00mm thick.				
9	Providing vitreous china wash basin with CI/ms brackets, CP brass chain with rubber plug, PVC waste pipe, etc. complete including painting the fittings, cutting and making good the walls wherever required (sink cock, stop cocks, waste coupling are to be paid separately) A) Parryware make xii) oyster 580 x 425 with short pedestral, spring set and bolt set	each	1		
10	Supplying, fitting and fixing stainless steel kitchen sink with CI/ms brackets, CP brass chain with rubber plug, PVC waste pipe, etc. complete including painting the fittings, cutting and making good the walls wherever required (sink cock, stop cocks, waste coupling are to be paid separately) A) Parryware vi) Single bowl (160 x180) Flat edge – Glossy (Cat No. C8538)	each	1		
11	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on new wall surface to give an even shade, after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth.	sqm	178.99		
12	Providing, fitting and fixing PVC Door shutters of 37mm (single panel seamless finish) of Syntex make, at all levels made of extruded sections in the configuration of 'A'. The overall dimension is 37mm x 90mm, with usual process variation having a wall thickness of 2mm with a variation of +0.03mm provided with all plastic reinforcement to avoid rusting. The shutter frame is mitred and joined at the corners by means of stainless steel screws. The corners of the shutter frame are being reinforced by polymeric reinforcement of the size 125mm x 250mm and the lock rail is reinforced by 45 x18 x255 size reinforcement. The lock rail is made of extruded hollow PVC section in the configuration of 'H' having wall thickness of 2mm with a variation of +0.03mm and effective dimension of 37mm x 105mm. The infill is made of multi-chambered hollow PVC extruded panel having an effective dimension of 762mm x 20mm or less as per requirement with usual process variation having a wall thickness of 1mm +0.03mm. The entire door shutter should be provided with S.S. screws at appropriate places for rust free quality. (Door fixtures and fittings to be measured and paid separately.)	sqm	1.70		
13	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter,	sqm	12.896		

	sand papering and knotting. (a). With ready mixed paint , Wood primer (pink)				
14	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	12.896		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				

F. Repairing of quarter no. Type-VI/40 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels. (i) Area of door/window up to 3.00 m <sup>2</sup>	each	4		
2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. (b) With 1st class timber (Bonsum/ Sundi)	cum	0.21		
3	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 nos. with necessary wood screws. b) Non decorative type and block board core. (ii) 35 mm thick.	sqm	5.67		
4	Providing undressed wood work in roof truss, rafter, purlin, tie and the like including hoisting and fixing in position with necessary spikes, nails including M.S straps with bolt and nuts etc. complete with kiricide oiling two coats to all timber members and two coats of anticorrosive paint to M.S straps (M.S flats, angle cleats, and bolt and nuts required for flat and angle cleats wherever used shall be measured and paid separately) (c) With 2nd class treated timber	cum	0.031		
5	Providing, fitting and fixing fully glazed window with sash bars including oxidised M.S butt hinges (75mmx 60mmx3.15mm) 2nos.on each leaf and 3 nos. on single leaf (glass panes to be measured and paid separately) C) With 1st class local wood (Hollock/Bola/Bonsum) (ii) 35mm thick	sqm	0.324		
6	Providing and fixing clear sheet glass bedded in putty and fixed with/without wooden bidding including necessary cutting and glass to be required sized(payment for wooden bead shall be made separately) (2). Area of glass panes exceeding 0.15m <sup>2</sup> but not exceeding 0.52m <sup>2</sup> . (b). 4.00mm thick.	sqm	2.03		
7	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5	sqm	17.096		

	mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.				
8	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (a). With ready mixed paint , Wood primer (pink)	sqm	18.019		
9	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	18.019		
10	Painting one coat (excluding priming coat) on old wood and wood based surfaces with enamel paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	24.911		
11	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on new wall surface to give an even shade, after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth.	sqm	77.56		
12	White washing with lime on wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	sqm	101.80		
13	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on old wall surface (one coat) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose or softened paint.	sqm	81.73		
14	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed. b) In cement mortar 1:4	sqm	23.75		
15	Providing barge board of size 200mm x 20mm with 1st class local Hollock/ Bonsum timber including fitting and fixing with necessary wood screws etc. complete.	Rm	10.00		

16	Supplying & fixing of factory made 30mm thick Fibreglass Reinforced Plastic (FRP) paneled door shutter of required colour of FIBREWAYS made with fire retardant grade unsaturated polyester resin, moulded to 3mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5mm thick FRP laminate for panels and conforming to IS:14856-2000 including fixing to frames complete as per direction of Engineer-in charge.	sqm	1.52		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				



G. Repairing of quarter no. Type-VI/49 (N/C) at LTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels. (i) Area of door/window up to 3.00 m <sup>2</sup>	each	7		
2	Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. (b) With 1st class timber (Bonsum/ Sundi)	cum	0.27		
3	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 nos. with necessary wood screws. b) Non decorative type and block board core. (ii) 35 mm thick.	sqm	5.67		
4	Providing undressed wood work in roof truss, rafter, purlin, tie and the like including hoisting and fixing in position with necessary spikes, nails including M.S straps with bolt and nuts etc. complete with kiricide oiling two coats to all timber members and two coats of anticorrosive paint to M.S straps (M.S flats, angle cleats, and bolt and nuts required for flat and angle cleats wherever used shall be measured and paid separately) (c) With 2nd class treated timber	cum	0.031		
5	Supplying, fitting and fixing ceiling tiles of 10mm thick made from Duratuff medium density fibre board in size 1200mm x 1200mm x 10mm with Sal wood timber frame (to be measured and paid separately) leaving an expansion gap of 3mm with necessary nails, screws etc. including 1st class local wood (Hollock /Bonsum / Sundi etc.) beading of size 50mm x 12mm complete as directed and specified.	sqm	8.05		
6	Providing, fitting and fixing fully glazed window with sash bars including oxidised M.S butt hinges (75mmx 60mmx3.15mm) 2nos.on each leaf and 3 nos. on single leaf (glass panes to be measured and paid separately) B) With 1st class local wood (Hollock/Bola/Bonsum) (ii) 35mm thick	sqm	1.70		
7	Providing and fixing clear sheet glass bedded in putty and fixed with/without wooden bidding including necessary cutting and glass to be required sized(payment for wooden bead shall be made	sqm	1.41		

	separately) (2). Area of glass panes exceeding 0.15m <sup>2</sup> but not exceeding 0.52m <sup>2</sup> . (b). 4.00mm thick.				
8	Demolishing CC floors of various thickness including top layer and base course and disposal of debris as directed for all levels.	sqm	8.096		
9	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. (a).Brick on flat soling.	sqm	9.00		
10	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.	sqm	17.096		
11	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (a). With ready mixed paint , Wood primer (pink)	sqm	16.668		
12	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	16.668		
13	Painting one coat (excluding priming coat) on old wood and wood based surfaces with enamel paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. (i).Surfaces over 100mm in width or girth. a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	sqm	26.262		
14	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on new wall surface to give an even shade, after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth.	sqm	77.56		
15	White washing with lime on wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and	sqm	101.80		

	other foreign matter.				
16	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on old wall surface (one coat) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose or softened paint.	sqm	81.73		
17	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed. b) In cement mortar 1:4	sqm	11.45		
18	Providing barge board of size 200mm x 20mm with 1st class local Hollock/ Bonsum timber including fitting and fixing with necessary wood screws etc. complete.	Rm	8.00		
19	FRP PANNELED DOOR Supplying & fixing of factory made 30mm thick Fibreglass Reinforced Plastic (FRP) paneled door shutter of required colour of FIBREWAYS made with fire retardant grade unsaturated polyster resin, moulded to 3mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5mm thick FRP laminate for panels and conforming to IS:14856-2000 including fixing to frames complete as per direction of Engineer-in charge.	sqm	1.52		
20	Demolishing RCC work including stacking of steel bars and disposal of unserviceable material as directed for all levels	cum	0.45		
21	Providing and laying plain/reinforced cement concrete works using cement, coarse sand & 20mm downgraded stone aggregate with cost of necessary form work including dewatering if necessary, and curing for reinforced cement concrete work complete as directed (Reinforcement will be measured and paid separately) D) Using mixture machine B) In super structure up to 1st floor level iii) Suspended floor (Slab, balcony, staircase etc) N) Without using admixture, plasticizer (a) M15 or Prop. 1:2:4	cum	0.45		
	<b>(Total in figures)</b>				
	<b>(Total in words)</b>				

<b>BIDDER'S CREDENTIALS</b>		
<b>Particulars</b>	<b>Validity period</b>	<b>Supporting documents</b>
1. Financial status (Average Annual Turnover for the F.Y. 2016-17, 2017-18 & 2018-19)  2. PAN  3. GST Registration certificate  4. Registration certificate of firm(if any)  5. Labour Licence  6. List of similar works previously executed  7. Others		
Note: 1) 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:-

Mobile No:-