

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. 14 of 2020-21 of CGM (H & C) dtd: 15.12.2020

NAME OF THE WORK: - Repairing of quarter no. Type-IV/34, 37, 41, 50, 55 and 57 at NTPS

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, 2nd 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)/14 of 2020-21

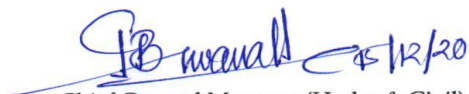
Date: 15/12/2020

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	Repairing of quarter no. Type-C/25, 26, 32 and 34 at NTPS	Rs. 7,68,174.00	Rs. 15,364.00	Rs. 7,682.00	50 days
2	Repairing of quarter no. Type-IV/01, 05, 12, 13 and 14 at NTPS	Rs. 7,59,950.00	Rs. 15,200.00	Rs. 7,600.00	50 days
3	Repairing of quarter no. Type-IV/20, 22, 26, 27 and 28 at NTPS	Rs. 8,04,210.00	Rs. 16,084.00	Rs. 8,042.00	50 days
4	Repairing of quarter no. Type-IV/34, 37, 41, 50, 55 and 57 at NTPS	Rs. 8,25,458.00	Rs. 16,510.00	Rs. 8,255.00	50 days
5	Repairing of quarter no. Type-IV/99, 105, 123, 129 and 136 at NTPS	Rs. 7,13,326.00	Rs. 14,266.00	Rs. 7,133.00	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. 16/12/2020 to 22/12/2020 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.

The cost of bid is to be deposited separately with the downloaded tenders along with Earnest Money. The tenders will be received up to 13.00 hours of 23/12/2020 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


Chief General Manager (Hydro & Civil),
APGCL

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, NTPS, APGCL, Namrup, 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), Namrup Civil Division, NTPS, APGCL, Namrup, 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 16/12/2020.
- 9) Relevant File.

 15/12/20
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. 14 of 2020-21 of CGM (H & C) dtd: 15.12.2020

BID INVITATION FOR: - Repairing of quarter no. Type-IV/34, 37, 41, 50, 55 and 57 at NTPS

EARNEST MONEY DEPOSIT:

Rs. 16,510.00 (for General)

Rs. 8,255.00 (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 23/12/2019. 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.**

6.4 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. 3.30 lakh (40% of the tendered amount).**

or

b. Two similar completed works costing not less than the amount equal to **Rs. 4.12 lakh (50% of the tendered amount).**

or

c. One similar completed work costing not less than the amount equal to **Rs. 6.60 lakh (80% of the tendered amount).**

They must submit such completion certificate with the tender.

6.5 Cost over run shall not be accepted.

6.6 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. 4.12 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

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/34, 37, 41, 50, 55 and 57 at NTPS”

Ref: Your Tender Notice No. 14 of 2020-21 of CGM (H & C) dtd: 15.12.2020

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/34 at NTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling wood work in frames, trusses, purlins and rafters including stacking the materials as directed by the department for all levels.	cum	0.158		
2	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) (b) With Hollock/ Sundi/ Sam	cum	0.158		
3	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	11		
4	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	0.146		

5	Providing fitting and fixing 1st class local wood battened and framed door and window shutters including oxidised iron butt hinges (100mmx 58mmx 1.90mm) 6 nos with necessary screws. (a) Using Bonsum/Holok wood	sqm	6.40		
6	Providing, fitting and fixing hard board sheet ceiling with approved quality with necessary nails, wood screws including 1st class local wood 50mm x 12mm (hollock/ bonsum/ sundi) beading including paining two coats to timber beads complete as directed (ceilling joist to be measured and paid separately). (c). 6 mm thick	sqm	8.64		
7	Providing 0.63 mm thick (24 gauge) galvd plain sheet in valley, lining, flashing etc. and fitted with gavid. Iron J or L hook bolts and nuts, G.I. limpet and bitumen washer complete, bent to shape and fixed in a positions as directed.	sqm	4.32		
8	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc. to be measured and paid separately). (c) 0.55 mm thick	sqm	14.52		
9	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. (a) 0.55 mm thick (i) 150 mm lapping	Rm	12.00		
10	Painting one coats on old G.C.I sheets with ready mixed anticorrosive paint of approved brand and shade suitable for painting over G.C.I sheets to give an even shade including the cleaning the rust patches with emery paper, dust ,dirt, grease and other foreign matter with water complete.	sqm	101.69		
11	Extra over item no. 10 for every subsequent coat of paint.	sqm	101.69		
12	Supplying, fitting, fixing anodised aluminium fittings of approved make, resonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. complete.(anodised to bright natural matt & satin finished)				
12.01	a) Sliding door bolts ii) 250mm x 16mm	each	3		
12.02	b) Tower bolts iii) 200mm x 12mm	each	6		
12.03	c) Door handles iii) 150mm	each	6		
13	Providing and fixing clear sheet glass beded 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 0.15m2 but not exceeding 0.52m2.	sqm	1.92		

	(b). 4.00mm thick.				
14	Providing bird proof hexagonal galvanised wire netting at ceiling level of Assam type building including fitting and fixing with first class local wood frame of size 50mm x 25mm and beads of size 25mm x 10mm (for fitting and fixing the net with wooden frame) including lifting and fitting the same in position etc. complete as directed including two coats kiricide oiling of timber works.	sqm	10.00		
15	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg. of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.	sqm	30.00		
16	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 shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.	Rm	25.00		
17	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC i) Normal range (Sizes 300 mm x 300mm and above) (a) Orient made: Galaxy Brown, Galaxy creama, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate	sqm	13.21		
18	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. a) In cement mortar 1:3	sqm	27.30		
19	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirting over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). a) Normal range	sqm	27.30		

	Somany/ Orient/Nitco/Asian Make i) Of size 200mmx200mm and above				
20	20 mm thick Cement plaster in two coats on single or half brick walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. B) On fair side (backing coat 10 mm and finishing coat 10mm thick) b) In cement mortar 1:4	sqm	20.00		
21	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	14.85		
22	Distemping 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	250.74		
23	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	103.69		
24	Extra over item no. 23 above for every subsequent coat of water proofing cement paint of approved brand and manufactured.	sqm	103.69		
25	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	40.00		
26	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	40.00		
27	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	155.46		

28	Supplying fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below GL as directed and specified. a) In exposed surface or in trenches.				
28.01	(ii) 110 mm dia.	Rm	2		
28.02	(iii) 90 mm dia.	Rm	1		
29	Supplying fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as complete at all levels including below G.L. as directed and specified. a) In exposed surfaces or in trenches (ii) 110mm dia	each	3		
30	Renewing vitreous water closet squatting pan (Indian type WC Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately) Indian type WC Orissa pattern of size 580 x 440 mm a) White i) Parryware make	each	1		
31	Renewing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc, complete as directed and specified (pipes will be measured separately) i) Parryware make a) White (i)Economy Single Flush (Cat No. C8090/C8055)	each	1		
32	Supplying fitting and fixing C.P. Bib cock 15mm dia of approved brand directed and specified. (G.I. and C.P. pipes will be measured separately) IV) Agmeco brand (i) Bib Cock without flange / CAT No. CC 00204/ CAT No. CN 00204	each	3		
	Total in figures				
	Total in words				

B. Repairing of quarter no. Type-IV/37 at NTPS

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	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	0.057		
3	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) (b) With Hollock/ Sundi/ Sam	cum	0.058		
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) B) With Hollock/Gamari/Bonsum wood. (ii) 35mm thick	sqm	2.42		
5	Providing, fitting and fixing hard board sheet ceiling with approved quality with necessary nails, wood screws including 1st class local wood 50mm x 12mm (hollock/ bonsum/ sundi) beading including paining two coats to timber beads complete as directed (ceiling joist to be measured and paid separately). (c). 6 mm thick	sqm	5.76		
6	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc. to be measured and paid separately). (c) 0.55 mm thick	sqm	6.60		
7	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. (a) 0.45 mm thick	Rm	3.00		

	(ii) 230 mm lapping				
8	Providing 0.63 mm thick(24 gauge) galvd plain sheet in valley , lining, flashing etc. and fitted with gavl. Iron J or L hook bolts and nuts, G.I. limpet and bitumen washer complete, bent to shape and fixed in a positions as directed.	sqm	2.88		
9	Painting one coats on old G.C.I sheets with ready mixed anticorrosive paint of approved brand and shade suitable for painting over G.C.I sheets to give an even shade including the cleaning the rust patches with emery paper, dust ,dirt, grease and other foreign matter with water complete.	sqm	101.69		
10	Extra over item no. 9 for every subsequent coat of paint.	sqm	101.69		
11	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		
12	Providing and fixing clear sheet glass beded 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 0.15m2 but not exceeding 0.52m2. (b). 4.00mm thick.	sqm	1.92		
13	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg.of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floting coat of neat cement finished.	sqm	15.00		
14	20 mm thick Cement plaster in two coats on single or half brick walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. B) On fair side (backing coat 10 mm and finishing coat 10mm thick) b) In cement mortar 1:4	sqm	20.00		
15	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 shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.	Rm	15.00		
16	Providing precast R.C.C slab over drain, septic tank etc. in prop. 1:2:4 reinforced with 10mm M.S. bar @ 150mm centre both ways tying with 20 gauge black annealed wire with necessary shuttering, curing etc. complete including fixing in position as directed. a) 100mm thick slab	sqm	1.80		

17	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC i) Normal range (Sizes 300 mm x 300mm and above) (a) Orient made: Galaxy Brown, Galaxy crema, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate	sqm	9.85		
18	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. a) In cement mortar 1:3	sqm	27.30		
19	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirtings over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). a) Normal range Somany/ Orient/Nitco/Asian Make i) Of size 200mmx200mm and above	sqm	27.30		
20	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	16.85		
21	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	250.74		
22	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	103.69		
23	Extra over item no. 22 above for every subsequent coat of water proofing cement paint of approved brand and manufactured.	sqm	103.69		
24	Painting one coat (excluding priming coat) on old wood and wood based surfaces with enamel paint to give an	sqm	155.46		

	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).				
25	Supplying fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below GL as directed and specified. a) In exposed surface or in trenches.				
25.01	(ii) 110 mm dia.	Rm	3		
25.02	(iii) 90 mm dia.	Rm	3		
	Total in figures				
	Total in words				

C. Repairing of quarter no. Type-IV/41 at NTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling wood work in frames, trusses, purlins and rafters including stacking the materials as directed by the department for all levels.	cum	0.203		
2	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	10		
3	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) (b) With Hollock/ Sundi/ Sam	cum	0.102		
4	Dismantling all types of corrugated/ trapezoidal sheet roofing including ridges, hips, valleys and gutters etc. and stacking the materials as directed by the department for all levels	sqm	21.56		
5	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) (b) With Hollock/ Sundi/ Sam	cum	0.203		
6	Providing corrugated galvanised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvanised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc. to be measured and paid separately). (c) 0.55 mm thick	sqm	12.56		
7	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. (a) 0.55 mm thick (i) 150 mm lapping	Rm	9.00		
8	Painting one coats on old G.C.I sheets with ready mixed anticorrosive paint of approved brand and shade suitable for painting over G.C.I sheets to give an even shade including the cleaning the rust patches with emery paper, dust ,dirt, grease and other foreign	sqm	101.69		

	matter with water complete.				
9	Extra over item no. 8 for every subsequent coat of paint.	sqm	101.69		
10	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	15.00		
11	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		
12	Dismantling all types of ceiling, partition and wall lining and stacking the materials as directed by the department for all levels	sqm	14.40		
13	Providing, fitting and fixing hard board sheet ceiling with approved quality with necessary nails, wood screws including 1st class local wood 50mm x 12mm (hollock/ bonsum/ sundi) beading including paining two coats to timber beads complete as directed (ceiling joist to be measured and paid separately). (c). 6 mm thick	sqm	7.20		
14	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 1 st class local wood. (iii) 30mm thick	sqm	1.08		
15	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) (1). Area of glass panes not exceeding 0.15m ² . (a). 3.00mm thick.	sqm	0.98		
16	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. a) In cement mortar 1:3	sqm	15.00		
17	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC i) Normal range (Sizes 300 mm x 300mm and above) (a) Orient made: Galaxy Brown, Galaxy crema, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate	sqm	12.50		
18	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirting over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing	sqm	22.98		

	with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). a) Normal range Somany/ Orient/Nitco/Asian Make i) Of size 200mmx200mm and above				
19	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	30.00		
20	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	250.74		
21	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	103.69		
22	Extra over item no. 25 above for every subsequent coat of water proofing cement paint of approved brand and manufactured.	sqm	103.69		
23	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	151.13		
24	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg. of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.	sqm	20.00		
25	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 shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.	Rm	15.00		
26	Supplying fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining, fitting and fixing with clamps etc. as	Rm	3		

	necessary complete at all levels including below GL as directed and specified. a) In exposed surface or in trenches. (ii) 110 mm dia.				
27	Renewing vitreous water closet squatting pan (Indian type WC Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately) Indian type WC Orissa pattern of size 580 x 440 mm a) White i) Parryware make	each	1		
28	Renewing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. complete as directed and specified (pipes will be measured separately) i) Parryware make a) White	each	1		
	Total in figures				
	Total in words				

D. Repairing of quarter no. Type-IV/50 at NTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling all types of corrugated/ trapezoidal sheet roofing including ridges, hips, valleys and gutters etc. and stacking the materials as directed by the department for all levels	sqm	26.40		
2	Dismantling wood work in frames, trusses, purlins and rafters including stacking the materials as directed by the department for all levels.	cum	0.158		
3	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) (b) With Hollock/ Sundi/ Sam	cum	0.158		
4	Providing dressed wood work in post, walls, battens, post plate bressumers etc. including supplying and fixing with spikes, nails, bolt and nuts of 12mm dia(M.S) and required length etc. complete with kiricide oiling two coats to faces in contact with C.C or masonry (M.S flats, angle cleats and bolt and nuts required for flats, angle cleats wherever use shall be measured and paid separately) (d) With Bola timber	cum	0.034		
5	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	0.045		
6	Providing, fitting and fixing hard board sheet ceiling with approved quality with necessary nails, wood screws including 1st class local wood 50mm x 12mm (hollock/ bonsum/ sundi) beading including paining two coats to timber beads complete as directed (ceiling joist to be measured and paid separately). (c). 6 mm thick	sqm	11.52		
7	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc. to be measured and paid separately).	sqm	17.40		

	(c) 0.55 mm thick				
8	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. (a) 0.45 mm thick (i) 150 mm lapping	Rm	9.00		
9	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. (ii) Area of door/window above 3.00 m2	each	9		
10	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 embeded 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	0.125		
11	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 1 st class local wood. (iii) 30mm thick	sqm	1.05		
12	Providing and fixing clear sheet glass beded 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) (1). Area of glass panes not exceeding 0.15m2. (b). 4.00mm thick.	sqm	1.84		
13	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	15.00		
14	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	20.00		
15	Providing 0.63 mm thick (24 gauge) galvd plain sheet in valley, lining, flashing etc. and fitted with gavd. Iron J or L hook bolts and nuts, G.I. limpet and bitumen washer complete, bent to shape and fixed in a positions as directed.	sqm	2.88		

16	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. a) In cement mortar 1:3	sqm	27.30		
17	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC i) Normal range (Sizes 300 mm x 300mm and above) (a) Orient made: Galaxy Brown, Galaxy creama, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate	sqm	13.21		
18	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirting over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). a) Normal range Somany/ Orient/Nitco/Asian Make i) Of size 200mmx200mm and above	sqm	27.30		
19	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	20.00		
20	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	20.00		
21	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg. of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.	sqm	11.25		
22	Providing drain with brick work in cement mortar in proportion 1:5 with half brick thick side walls and	Rm	12.00		

	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 shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.				
23	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	40.00		
24	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	40.00		
25	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	155.46		
26	Painting one coats on old G.C.I sheets with ready mixed anticorrosive paint of approved brand and shade suitable for painting over G.C.I sheets to give an even shade including the cleaning the rust patches with emery paper, dust ,dirt, grease and other foreign matter with water complete.	sqm	101.69		
27	Extra over item no. 26 for every subsequent coat of paint.	sqm	101.69		
28	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	250.74		
29	Extra over item no. 27 for distempering every subsequent coat of distempering with dry distemper of approved brand and manufacture.	sqm	250.74		
30	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	103.69		
31	Extra over item no. 25 above for every subsequent coat of water proofing cement paint of approved brand and manufactured.	sqm	103.69		

32	Supplying fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below GL as directed and specified. a) In exposed surface or in trenches.				
32.01	(ii) 110 mm dia.	Rm	2		
32.02	(iii) 90 mm dia.	Rm	1		
33	Supplying fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as complete at all levels including below G.L. as directed and specified. a) In exposed surfaces or in trenches (ii) 110mm dia	each	2		
34	Renewing vitreous water closet squatting pan (Indian type WC Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately) Indian type WC Orissa pattern of size 580 x 440 mm a) White i) Parryware make	each	1		
35	Renewing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc, complete as directed and specified (pipes will be measured separately) i) Parryware make a) White (i)Economy Single Flush (Cat No. C8090/C8055)	each	1		
	Total in figures				
	Total in words				

E. Repairing of quarter no. Type-IV/55 at NTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling all types of corrugated/ trapezoidal sheet roofing including ridges, hips, valleys and gutters etc. and stacking the materials as directed by the department for all levels	sqm	26.40		
2	Dismantling wood work in frames, trusses, purlins and rafters including stacking the materials as directed by the department for all levels.	cum	0.144		
3	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) (b) With Hollock/ Sundi/ Sam	cum	0.144		
4	Providing dressed wood work in post, walls, battens, post plate bressumers etc. including supplying and fixing with spikes, nails, bolt and nuts of 12mm dia(M.S) and required length etc. complete with kiricide oiling two coats to faces in contact with C.C or masonry (M.S flats, angle cleats and bolt and nuts required for flats, angle cleats wherever use shall be measured and paid separately) (d) With Bola timber	cum	0.045		
5	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	0.045		
6	Providing, fitting and fixing hard board sheet ceiling with approved quality with necessary nails, wood screws including 1st class local wood 50mm x 12mm (hollock/ bonsum/ sundi) beading including paining two coats to timber beads complete as directed (ceiling joist to be measured and paid separately). (c). 6 mm thick	sqm	7.20		
7	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc. to be measured and paid separately).	sqm	17.40		

	(c) 0.55 mm thick				
8	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. (a) 0.45 mm thick (i) 150 mm lapping	Rm	9.00		
9	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. (ii) Area of door/window above 3.00 m2	each	9		
10	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 embeded 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	0.125		
11	Providing, fitting and fixing fully glazed window with sash bars including oxidised M.S butt hinges (75mmx 60mmx3.15mm) 2 nos.on each leaf and 3 nos. on single leaf (glass panes to be measured and paid separately) B) With 1 st class local wood. (iii) 30mm thick	sqm	1.05		
12	Providing and fixing clear sheet glass beded 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) (1). Area of glass panes not exceeding 0.15m2. (a). 4.00mm thick.	sqm	0.98		
13	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	15.00		
14	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	20.00		
15	Providing 0.63 mm thick (24 gauge) galvd plain sheet in valley, lining, flashing etc. and fitted with gavd. Iron J or L hook bolts and nuts, G.I. limpet and bitumen washer complete, bent to shape and fixed in a positions as directed.	sqm	2.88		

16	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. a) In cement mortar 1:3	sqm	27.30		
17	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC i) Normal range (Sizes 300 mm x 300mm and above) (a) Orient made: Galaxy Brown, Galaxy crema, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate	sqm	13.21		
18	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirting over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). a) Normal range Somany/ Orient/Nitco/Asian Make i) Of size 200mmx200mm and above	sqm	27.30		
19	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	20.00		
20	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg. of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.	sqm	11.25		
21	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 shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.	Rm	12.00		

22	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	40.00		
23	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	40.00		
24	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	155.46		
25	Painting one coats on old G.C.I sheets with ready mixed anticorrosive paint of approved brand and shade suitable for painting over G.C.I sheets to give an even shade including the cleaning the rust patches with emery paper, dust ,dirt, grease and other foreign matter with water complete.	sqm	101.69		
26	Extra over item no. 25 for every subsequent coat of paint.	sqm	101.69		
27	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	250.74		
28	Extra over item no. 27 for distempering every subsequent coat of distempering with dry distemper of approved brand and manufacture.	sqm	250.74		
29	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	103.69		
30	Extra over item no. 25 above for every subsequent coat of water proofing cement paint of approved brand and manufactured.	sqm	103.69		
31	Supplying fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below GL as directed and specified. a) In exposed surface or in trenches.				
31.01	(ii) 110 mm dia.	Rm	2		
31.02	(iii) 90 mm dia.	Rm	1		

32	Supplying fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as complete at all levels including below G.L. as directed and specified. a) In exposed surfaces or in trenches (ii) 110mm dia	each	2		
33	Renewing vitreous water closet squatting pan (Indian type WC Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately) Indian type WC Orissa pattern of size 580 x 440 mm a) White i) Parryware make	each	1		
34	Renewing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc, complete as directed and specified (pipes will be measured separately) i) Parryware make a) White (i)Economy Single Flush (Cat No. C8090/C8055)	each	1		
	Total in figures				
	Total in words				

F. Repairing of quarter no. Type-IV/57 at NTPS

Sl. No.	Description of Item	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling wood work in frames, trusses, purlins and rafters including stacking the materials as directed by the department for all levels.	cum	0.159		
2	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) (b) With Hollock/ Sundi/ Sam	cum	0.159		
3	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	0.111		
4	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 relevent 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	3.60		
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) B) With 1 st class local wood. (iii) 30mm thick	sqm	2.42		
6	Dismantling all types of corrugated/ trapezoidal sheet roofing including ridges, hips, valleys and gutters etc. and stacking the materials as directed by the department for all levels	sqm	33.78		
7	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc. to be measured and paid separately). (c) 0.55 mm thick	sqm	21.78		

8	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. (a) 0.45 mm thick (i) 150 mm lapping	Rm	12.00		
9	Painting one coats on old G.C.I sheets with ready mixed anticorrosive paint of approved brand and shade suitable for painting over G.C.I sheets to give an even shade including the cleaning the rust patches with emery paper, dust ,dirt, grease and other foreign matter with water complete.	sqm	101.69		
10	Extra over item no. 9 for every subsequent coat of paint.	sqm	101.69		
11	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	12.00		
12	Dismantling all types of ceiling, partition and wall lining and stacking the materials as directed by the department for all levels	sqm	23.04		
13	Providing, fitting and fixing hard board sheet ceiling with approved quality with necessary nails, wood screws including 1st class local wood 50mm x 12mm (hollock/ bonsum/ sundi) beading including paining two coats to timber beads complete as directed (ceiling joist to be measured and paid separately). (c). 6 mm thick	sqm	21.60		
14	Providing and fixing clear sheet glass beded 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) (1). Area of glass panes not exceeding 0.15m2. (a). 4.00mm thick.	sqm	0.98		
15	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC i) Normal range (Sizes 300 mm x 300mm and above) (a) Orient made: Galaxy Brown, Galaxy crema, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate	sqm	13.21		
16	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. a) In cement mortar 1:3	sqm	27.30		
17	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirting over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including	sqm	27.30		

	cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). a) Normal range Somany/ Orient/Nitco/Asian Make i) Of size 200mmx200mm and above				
18	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	25.00		
19	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	250.74		
20	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	103.69		
21	Extra over item no. 25 above for every subsequent coat of water proofing cement paint of approved brand and manufactured.	sqm	103.69		
22	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	155.46		
23	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg. of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.	sqm	20.00		
24	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 shuttering for sides and earth	Rm	10.00		

	work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.				
25	Supplying fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below GL as directed and specified. a) In exposed surface or in trenches. (ii) 110 mm dia.	Rm	1		
26	Renewing vitreous water closet squatting pan (Indian type WC Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately) Indian type WC Orissa pattern of size 580 x 440 mm a) White i) Parryware make	each	1		
27	Renewing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc, complete as directed and specified (pipes will be measured separately) i) Parryware make a) White (i)Economy Single Flush (Cat No. C8090/C8055)	each	1		
	Total in figures				
	Total in words				

Enclose:

1. Demand Draft No.

2. Date of issue

3. Name of Bank

Yours faithfully,

Signature of contractor

Full Name

Address:-

Mobile No:-

BIDDER'S CREDENTIALS		
Particulars	Validity period	Supporting documents
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.		