NIT NO. 45/NIT/EE/AAD/2026-27

Name of work:- Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.

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Certified that this N.I.T. amounting to Rs.17,23,687/- (Rupees Seventeen Lakhs Twenty Three Thousand Six Hundred & Eighty Seven) only contains1 to 51 pages only, in chronological order is hereby approved.

Executive Engineer
Assam Aviation Division
CPWD, Guwahati-15

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

AE(P)/AAD

PART – A

CPWD-6 FOR e-TENDERING

Percentage rate bids are invited by Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015 on behalf of President of India from approved and eligible contractors of CPWD for the work of:-

Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.

1 The enlistment of the contractors should be valid on the last date of submission of bids.
In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

1.1 The work is estimated to cost **Rs.17,23,687/- (Rupees Seventeen Lakhs Twenty Three Thousand Six Hundred & Eighty Seven) only.**This estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.
For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

2 Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in.**Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3 The time allowed for carrying out the work will be **03(Three) Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4 The site for the work is available.

5 The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website **https://etender.cpwd.gov.in or www.cpwd.gov.inat free of cost.**

6 After submission of the bid, the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

7 While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

8 When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.

9 Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks **(drawn in favour of Executive Engineer, Assam Aviation Works Division, CPWD, Guwahati, payable at Guwahati-15)** shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

9A The contractors registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.

The bid submitted shall be opened at **03:30 PM on 24.11.2026**

** To be filled in by **Executive Engineer, Assam Aviation Division**, **CPWD, Guwahati-781015.**

(.....*.... to be by EE)**

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

AE(P)/AAD

10 The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:

(i) The bidder is found ineligible.

(ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.

(iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (five percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee**.** The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

12. The description of the work is as follows:

Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.
Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of

conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13 The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

14 Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

15 The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

16 The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

17 No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission ofthe Government of India in writing. This contract is liable to be cancelled if either the contractor orany of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18 The bids for the work shall remain open for acceptance for a period of **Thirty (30) days** from the date of opening of bids

(i) If any tenderer withdraws his tender or makes any modifications in the terms & condition of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the government shall without prejudice to any other right or remedy, be at liberty to for forfeit 50 % of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
(ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not

(iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.

19 This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) GCC 2023 for Maintenance Works.

20. Water charges @1% Labour Welfare cess @1%, Income Tax, Surcharge and GST as per applicable Govt. rule shall be deducted from the gross amount of the bill.

21. The intending bidders are required to update their profile in CPWD e-tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/Assistant Engineer or ERP helpline no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

AE(P)/AAD

JURISDICTION OF COURTS

1) The Court of the place from where the letter of award of work has been issued shall have the jurisdiction to decide any dispute arising out of or in respect of the contract.

2) CPWD does not have funds of its own and it carries out the works of client departments from their funds (deposit, budgetary, authorization). The CPWD is making payments to the contractors after getting budget /authorization/deposit from various Ministries /Client Departments. The payment to the contractor can be done only on availability of funds for that work from client department and in case of delay in getting funds from Ministry / Client Department, CPWD will not be responsible for delay in payment and no any extra compensation on this account shall be granted apart from specified elsewhere in this document. The contractor has to quote his tender accordingly considering this aspect.

RECEIPT OF DEPOSITION OF ORIGINAL EMD

(Receipt No. …… Date ……..)

Name of work: - Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.

1. **NIT No.45/NIT/EE/AAD/2026-27**
2. **Estimated Cost: Rs.17,23,687/-**
3. **Amount of Earnest Money Deposit. Rs.34,474/-(EMD in favour of Executive Engineer, Assam Aviation Works Division, CPWD, Guwahati-15, payable at Guwahati).**
4. **Last date of submission of bid: 24.11.2026**

(To be filled by EE/Assam Aviation Division, at the time of issue of NIT and uploaded along with NIT)**

1. **Name of Contractor: …#…….**
2. **Form of EMD …#……..**
3. **Amount of Earnest Money deposit…#……..**
4. **Date of submission of EMD …#……..**

Signature, Name and Designation of EMD Receiving officer (EE/AAO) Along with office stamp

(# To be filled by EMD receiving EE)

NOTE: - EMD in favour of Executive Engineer, Assam Aviation Works Division, CPWD, Guwahati-15, payable at Guwahati).

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT

(Applicable for inviting open bids)

The Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015 on behalf of President of India invites online percentage rate bids from approved and eligible contractors of CPWD for the work of:-

S. No.	NIT No.	Name of work & Location	Estimated cost put to bid (Rs.)	Earnest Money	Stipulated Period of Completion of work (in months)	Last date of online submission of bid, copy of receipt of deposition of original EMD and other documents as specified in the bid document.	Date & time of opening of bids
1	2	3	4	5	6	7	8
1	**45/NIT/EE/AAD/2026-27**	**Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.**	**Rs.17,23,687/-**	**Rs.34,474/-**	**03(Three) Months**	Up to **03:00 PM** on **24.11.2026**	Date **24.11.2026** at **03:30 PM**

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website https://etender.cpwd.gov.in or www.cpwd.gov.in at free of cost.
4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Demand draft or Pay order or Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE),CPWD and other documents as specified.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

5. Those contractors not registered on the website mentioned above, are required to get registered before and. If needed they can be imparted training on online bidding process as per details available on the website.

6. The intending bidder must have valid class-III digital signature to submit the bid.

7. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.

8. Contractor can upload documents in the form of JPG format and PDF format.

9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

   In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as “0”. Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as “0” (ZERO).

   However, if a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

   List of Documents to be scanned and uploaded within the period of bid submission:

   I. Receipt of deposition of original EMD.

   II. Copy of EMD.

   III. Copy of Enlistment Order of the Contractor.

   IV. **GST registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder**. If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities, then in such a case the bidder shall scan and upload following undertaking along with other bid documents. “If work is awarded to me, I/we shall obtain GST registration Certificate **of the State, in which work is to be taken up** within one month from the date of receipt of award letter or before **release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by CPWD or GST department in this regard.**

   V. Certificate of ERP training for contractor issued by the competent authority of any RTI of CPWD all over India.

   If the above-mentioned documents are not scanned and uploaded within the period of bid submission, the bid shall be treated as invalid and cancelled.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

CPWD – 7

GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT
Percentage rate tender & contract for works

(A) Tender for the work of: -

Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.

(i) To be uploaded by **15:00** hours on **24.11.2026**

(ii) To be opened in presence of tenderers who may be present at **15:30**hours on **24.11.2026** in the office of Executive Engineer, Assam Aviation Division, CPWD, Guwahati - 781015.

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for 30days from the due date of its opening in case of single bid system and not to make any modification in its terms and conditions.

A sum of **Rs.34,474/-** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.
A copy of earnest money in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee and he will be suspended for one year and shall not be eligible bid for CPWD tenders from the date of issue suspension order.

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

Dated — Signature of Contractor

Witness: — Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs. …… ..... (Rupees .....)

The letters referred to below shall form part of this contract agreement:-

(a)

(b)

(c)

For & on behalf of the President of India.

Signatures .....

Dated: — Designation .....

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

On non-judicial stamp paper of minimum Rs. 100

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

Form of Bank Guarantee for Earnest Money Deposit /performance Guarantee/Security Deposit/Mobilization Advance

1. Whereas the Executive Engineer ……..(name of division)……. CPWD on behalf of the President of India (hereinafter called "The Government")has invited bids under .....(NIT number)..... dated for..... (name of work)……. The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ..... (Rupees…….. only) valid upto ..... (date)*..... as **Earnest Money Deposit** from ..... (name and address of contractor) ……(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

   OR**

   Whereas the Executive Engineer…….. (name of division)……. CPWD on behalf of the President of India (hereinafter called "The Government,,) has entered into an agreement bearing number…… with .....(name and address of the contractor). (hereinafter called "the Contractor,") for execution of work..... ... (name of work)……..... The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. ..... (Rupees ..... only) valid upto ..... (date)..... as **Performance Guarantee/security Deposit/Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We, ... (indicate the name of the bank)…… (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs,...,.....,..... (Rupees …… only) on demand by the Government within 10 days of the demand.
3. We, ... (indicate the name of the Bank) ……,do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ..... (Rupees .....only).
4. We, ... (indicate the name of the Bank) ..... , further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.
5. We, ... (indicate the name of the Bank)……., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by

the Government against the said contractor andto forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, ... (indicate the name of the Bank)……, further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, ...(indicate the name of the Bank)……,undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to…….unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs……..(Rupees……. only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date……..

Witnesses:

1. Signature…….
2. Name and Address

Authorized Signatory
Name
Designation
Staff code no.
Bank seal

1. Signature……..
   Name and Address

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be

SCHEDULES		

SCHEDULE 'A'

Schedule of quantities (as per PWD-3)	:	**from Page No.38-51**

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any	:	General Conditions, Additional Specifications

SCHEDULE 'E'

Reference to General Condition of contract	:	General Conditions of Contract 2023**(Maintenance works)CPWD-7**with up-to-date corrections slip issued till last date of submission of bid.
Name of work	:	**Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.**
Estimated cost of work	:	**Rs.17,23,687/-**
1) Earnest money	:	**Rs.34,474/-**
2) Performance Guarantee	:	(a) **PG:**5% of tendered value or Estimated Cost Put To Tender (ECPT) (whichever is heigher). (b) **APG:**Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put To Tender (ECPT) the Performnce Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount. (c) Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC. The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
3) Security Deposit	:	2.5 % of tendered value.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

SCHEDULE 'F'
GENERAL RULES & DIRECTIONS:

Officer Inviting Tender	:	Executive Engineer, Assam Aviation Division, CPWD,Guwahati-781015
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:	See below under clause 12 of Schedule 'F'

Definitions:

2(v)	Engineer-in-Charge	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015
2(viii)	Accepting Authority	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015.
2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	:	15%
2(xi)	Standard Schedule of Rates	:	**Based on DSR-23 & Market Rates**
2(xii)	Department	:	Central Public Works Department
8(ii)	Standard CPWD contract Form **GCC 2023(Maintenance works)**, C.P.W.D Form **7 as** modified and corrected up to last date of submission of bid.	:	Form 7

Clause 1

(i)	Time allowed for submission of Performance Guarantee Programme Chart (Time and Progress) and applicable Labour Licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue letter of acceptance.	:	7 Days
(ii)	Maximum allowable extension with late fee @ 0.10% Per day of Performance Guarantee amount beyond the period provided in (i) above	:	3 Days

Clause 2

Authority for fixing compensation under clause 2	:	Chief Engineer, Guwahati CPWD, Guwahati- 781035.

Clause 5

Number of days from the date of issue of letter of acceptance of work for reckoning date of start	:	**10 Days**

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

Mile stone(s) as per table given below: -

Sl. No.	Description of Mile stone(s) (Physical)	Time allowed in days (From date of start).	Amount to be withheld in case of non-achievement of mile stone(s).
1.	Complete work -50%	1.5 Months	2.5 % of tendered amount
2.	Complete work -100%	03 Months	2.5 % of tendered amount
Time allowed for execution of work.	**:**	**03(Three) Months**	

Authority to decide:

(i)	Authority to convey the decision of shifting of milestone and extension of time.	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015
(ii)	Authority to decide rescheduling of milestone and extension of time.	:	Chief Engineer (Guwahati), CPWD, Garchuk, Guwahati-35.
(iii)	Shifting of date of start in case of delay in handing over of site.	:	Chief Engineer (Guwahati), CPWD, Garchuk, Guwahati-35.

Clause 5.1 b(iii)

The Contractor shall submit Progress Chart every month using the mutually agreed software or in other format decided by Engineer-in-Charge for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery specific rate @.	**:**	N/A

Clause 5.1 (a)-
Proforma of schedule clause 5 schedule of handing over of site.

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent
Part A	Portion without any hindrance	**Full**	As per CPWD 6 (Sl. No. 3)
Part B	Portion with encumbrances	**Nil**	**NA**
Part C	Portions dependent on work of other agencies	**NA**	**NA**

Clause 6

Whether applicable or not applicable	**:**	**Yes/EMB**

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such Payment for being eligible for interim payment.	:	**Rs. 05.74 Lakhs or as mutually agreed**

Clause 7A

Whether applicable or not applicable	:	**Yes**

Clause 8A

Authority to decide compensation on account If contractor fails to submit completion plans	:	Executive Engineer, AAD, Guwahati.

Clause 10A

List of testing equipment's to be provided by the contractor at site labas per requirement.

- **As per site requirement and as per direction of Engineer-in-charge.**

Clause 10-B (ii)

Whether clause 10-B (ii) shall be applicable	:	NA

Clause 10 C :

Component of labour expressed as percentage of value of work	:	**N.A.**

Clause 10 CA	:	**N.A.**

Authority to issue base price of materials	:	**CE, Guwahati**

Clause 10 CA materials Covered under this clause	Nearest material (other than cement, reinforcement bars, the structural steel and POL) for which All India Wholesale Price Index is to be followed	Base Price excluding GST (Rs.)
1. Cement * (OPC)	Nil	**N.A.**
2. Reinforcement bars (FE 500 D or more) Primary producers	Nil	**N.A.**

* Includes cement component used in RMC brought at site from outside approved RMC plants, if any.

Clause 10 CC	**:**	
Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column		**N.A.**

Schedule of component of other materials, labour etc. for price escalation. Component of Civil (except materials covered under clause 10 CA) construction value of work	:	**N.A.**
Component of labour Expressed as percent of total value of work.	:	**N.A.**

Clause 11

Specifications to be followed for execution of work	:	CPWD specifications 2019 Volume I and II, modified / corrected up to last date of submission of bid.

:

Clause 12
Nature of work **Maintenance Works.**
The completion cost for work shall in no case exceed 1.50 times of the contract amount.
(Note: Prior approval from competent authority i.e., CE (Ghy) is required when completion cost is likely to go beyond 1.25 times of the contract amount)

Authority to decide deviation upto 1.25 times of tendered amount.	:	Engineer-in-charge
Authority to decide deviation beyond 1.25 times & up to 1.50 times of tendered amount.		Chief Engineer, Guwahati

Clause 12.2 and 12.3

Deviation limit beyond which clause 12.2 &12.3 shall apply for building work.	:	As per CPWD GCC Maintenance Works - 2023 with upto date correction/ corrected up to last date of submission of bid.

Clause 12.5

(i)	Deviation limit beyond which clause 12.2 &12.3 shall apply for foundation work (except items mentioned in earth work sub head in DSR).	:	-----DO----
(ii)	Deviation limit for items mentioned in earthwork subhead of DSR		-----DO----

Clause 16

Competent Authority for deciding reduced rates	:	Chief Engineer, Guwahati CPWD, Guwahati-35.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site: -

i.	Steel shuttering		
a)	For foundation & footing	-	As per requirement
b)	For Beams	-	
c)	For Columns	-	
d)	For slab	-	
e)	Steel Scaffolding with adjustable flexi jack on top	-	As directed by Engineer-in-charge keeping in view the program submitted by the contractor for completion of the work in time.
ii.	Concrete hopper type mixer machine of full bag cement capacity	-	1 No.
iii.	Needle type (40mm)	-	1 No.
iv.	Plate type vibrator	-	1 No.
v.	Water pump set for curing	-	1 No.
vi.	½ TonneRoller.	-	As per requirement
vii.	Wooden or Steel Rammer.	-	As per requirement
viii.	Theodolite /dumpy level/total station.	-	As per requirement
ix.	Any addition to the above quantities or other equipment shall be arranged by contractor as directed by Engineer-in-charge, to complete the work in time.		

Clause 19: Labour Laws to be complied by the Contractor.

The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971.

The Contractor shall also obtain a valid license under the said Act before the commencement of the work, and continue to have a valid license until its completion.

Clause 19 C	Authority to decide penalty for each default	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015
Clause 19 D	Authority to decide penalty for each default	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015
Clause 19 G	Authority to decide penalty for each default	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015
Clause 19 K	Authority to decide penalty for each default	:	Executive Engineer, Assam Aviation Division, CPWD, Guwahati-781015

Clause 25

Conciliator	**ADG(RG)**
Arbitrator Appointing Authority	**Chief Engineer, Guwahati**
Place of Arbitrator	**Guwahati**

Clause 32
Requirement of Technical Representative (s) & recovery Rate

Sl. No	Minimum Qualification of Technical representative	Number	Designation (Principal Technical / Technical representative	Minimum experience	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
					Figures	Words
1	Graduate Engineer Or Diploma Engineer	1	Principal technical representative	2 or 5 years respectively	Rs 15000/- per month per person	Rs. Fifteen thousand only per month. per person

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma Engineer with minimum 10 years relevant experience with a reputed construction co. can be treated at par with graduate engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 38

(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2018 modified / corrected up to date printed by CPWD.

19 Variations permissible on theoretical quantities.

(a)	Cement		
	For works with estimated cost put to tender not more than Rs. 25 lakhs.	:	3% plus / minus
	For works with estimated cost put to tender more than Rs. 25 lakhs.	:	2% plus / minus
(b)	Bitumen All Works	:	2.5% on plus side Nil on minus side
I	Steel reinforcement and structural steel sections for each diameter, section and category.	:	+ 3% wastage
(d)	All other materials.		Nil

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

PART – B

ADDITIONALCONDITIONS

1. Some restrictions may be imposed by the client department on the working and for movement of labour, materials etc. the contractor shall be bound to follow all such restriction/ instructions and nothing extra shall be payable on this account.

2. The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.

3. **Testing of materials: Samples of various materials required for testing from approved labs shall be provided free of charge by the contractor. All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.**

4. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department or procured by the contractor and nothing extra shall be payable to the contractor on their accounts.

5. The full nomenclature of items shall be adopted in preparing abstract of final bill in the measurement book and also in the bill form for final bill.

6. The bidder shall abide by the rules and regulations under relevant GST, as amended from time to time and deductions shall be made from the gross value of the work done from all bills as per the provisions of above stated Acts. Nothing extra on account of this deduction shall be paid.

7. The contractor shall take instructions from the Engineer-in-Charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services of compound walls are to be constructed.

8. The contractor shall be fully responsible for the safe custody of the materials even if the materials are under double lock system.

9. Contractor shall bear all incidental charges for cartage, storage and safe custody of materials and shall construct suitable godowns, yards at the site of work for storing all other materials so as to be safe against damage by sun, rain, damages, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose at his cost.

10. All materials shall be got checked by the Engineer-in-Charge or his representative of the works on receipt of the same at site before use.

11. Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle, sand and bajri etc. collected by him for the execution of the work, direct to the Revenue Authority or authorized agent of the State Government concerned or Central Government. **Royalty will be deducted as per the Gazzetted Notification issued by the Assam Government as per the applicable rates mentioned in order**.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

12. TESTING OF MATERIAL

(a) The contractor shall procure all the materials in advance so that there is sufficient time for testing, approving of the material and clearance of the same before use in work.

13. Special conditions for Q.A. Plan.

Maintenance of Register of Tests:-

(i) All the registers/records maintenance are to be maintained by the contractor and get checked time to time by Engineer-in-charge.

(ii) All samples of materials to be got approved before use at site. The contractor have to stock sufficient quantity of disinfectant and cleaning agents at site and to make storing provision at his own cost.

(iii) Technical Assistant/Supervisor should be present at all working time at site and record data.

14. Submission of authenticated copies of itemized bills of materials.

Contractor will submit authenticated copies of itemized bill of mines materials along with each running bill.

Contractor will also submit authenticated copies of all major items along with each running bill. Contractor to also submit authenticated copies of any other materials demanded by Engineer-in-charge.

15. Hindrance such as rain, festival bandh etc. will not be considered for granting extension of time. Contractor may study rain pattern and festivals of this area and deploy resources accordingly including working in two shifts to compensate loss of time due to these reasons.

16. Quantity of Media required as per manufacturers specifications.

ADDITIONAL SPECIFICATIONS

1.1 GENERAL

1.2 The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F.P.S. units wherever indicated are for guidance only).

1.3 The following modifications in the above specifications and some additional specifications shall however apply:

i) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries or any other source to be got approved by the Engineer-in-Charge.

ii) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality. Sand shall be obtained from approved source or any other source to be got approved from the Engineer-in-Charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.

1.4 Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to revision thereof if, any, up to the date.

2.0 **Unless otherwise specified in the schedule of quantities the rates for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, and sub-soil water level being high due to any other cause whatsoever.**

3.0 OUTSIDE/INDEPENDENT TESTING FACILITIES

a) These laboratories shall be in the Government sector, Semi Government or private sector. **All govt. Institutes, Central and State research Centers, Central and State funded laboratories stands approved. No approval is required for testing in these laboratories/institutes.**

b) However, the outside private laboratories shall be approved by Chief Engineer, Guwahati.

4.0 WOOD WORK

The samples of species of timber to be used shall be deposited by the contractor with the Executive Engineer before commencement of the work. The contractor shall produce cash vouchers and certificate from standard kiln seasoning chemically pressure treatment plant operators about the timber section to be used on the work having been kiln seasoned chemically pressure treated by them, failing which it would not be to accept as kiln seasoned & chemically pressure treated.

5.0 STEEL WORK:

5.1 The steel doors, windows, ventilators and composite units shall be got fabricated in Work shop approved by the Chief Engineer concerned.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

6.0 WATER SUPPLY SANITARY INSTALLATION

6.1 SCI/PVC pipe and G.I/UPVC pipe wherever necessary shall be fixed to RCC columns, beams etc. with raw plugs and nothing extra shall be paid for this.

6.2 The contractor shall be responsible of the protection of the sanitary and water supply fittings and other fittings and fixtures against pilferages and breakage during the period of installation and thereafter until the building is handed over.

6.3 Sunken Flooring: The rate of items of flooring is inclusive of providing sunk flooring in W.C, bathrooms, kitchen etc. and nothing extra on this account is admissible.

7.0 VARIATION IN CONSUMPTION OF MATERIALS

The variation in consumption of material shall be governed as per CPWD specification 2019 Vol. I & II with correction slips up to date and clauses of the contract to the extent applicable. The following specific clauses shall govern the variation in consumption of pig lead.

8.0 INTEGRAL WATER PROOF FINISHING:

The contractor must associate himself with the specialized firm to be approved by the Engineer-in-Charge in writing, for integral cement-based water proofing treatment for sunken floors, roofs etc. **Five years Guarantee Bond to be given by the agency from the date of completion in prescribed proforma.** In addition to normal security deposit, 10% (ten percent) of the cost of these items shall be retained as guarantee money to watch the performance of the work done. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days and if not attended, the same will be got done by the Engineer-In-Charge through another agency at the risk and cost of the contractor.

Before execution of the items of integral water proofing treatment, the contractor must submit the following details and get the same approved by the Engineer-in-Charge.

a) The name of the specialized firm
b) The trade names of the product which could be used;
c) List of works where this treatment has been used.
d) Quantity of chlorides and sulphides used in the product.

9.0 MARBLE/GRANITE STONE SLABWORK

9.1 In the event of non-availability of 18mm thick marble stone for flooring, 16mm thick marble stone can be permitted. In that event, 22mm thick base cement mortar shall

have to be provided in place of 20mm thick base cement mortar for which nothing extra shall be paid. However, deduction for the less thickness of marble stone slab shall be made.

9.2 Flooring work is to be executed as per flooring pattern shown in Arch. Drawings and as per direction of Engineer-in-Charge for which nothing extra will be paid.

9.3 The size of tiles/marble stone/Granite stone in dado/skirting is to be provided as shown in Architectural drawings.

9.4 For providing granite stone in counters, window sills, kitchen platforms and other similar locations, the rate shall deem to include mirror polished of the free/ exposed edges which shall have to be done and nothing extra shall be paid on this account. Further for granite stone up to 2 meter, for treads of steps and risers, kitchen counters, window sills and any other locations wherever decided by the Engineer-in-Charge, single stone shall be used for which nothing extra shall be paid.

9.5 The color and shade of the granite and granite tiles shall be decided by the Engineer-in-Charge.

10.0 CONDITIONS FOR CEMENT

10.1 Supply of cement (**OPC/PPC-43 Grade**) shall be taken in 50 Kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS Codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.

10.2 The cement shall be brought at site to bulk supply of approximately 20 tonnes or as decided by the Engineer-in-Charge.

10.3 The actual issue and consumption of cement on work shall be required and proper accounts maintained as provided in clause 38 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in the contract or as per other condition/ specification of the bid documents if otherwise applicable.

10.4 The cement brought to the site and cement remaining unused after completion of the work shall not be removed from site without written permission of the Engineer-in-Charge.

10.5 The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.

11.0 CONDITIONS FOR STEEL

11.1 The contractor shall procure TMT bars of Fe 500 D or more of Primary producers.

11.2 The contractor shall obtain & furnish test certificate to the Engineer-in-Charge in respect of all supplies of steel brought by him to the site of work.

11.3 Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as defined under Para 14.1 above, the same shall be rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer-in-Charge to do so.

11.4 Steel reinforcement (TMT bars) shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bar of different sizes and length shall be store separately to facilitate easy counting and checking.

11.5 The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories.

11.6 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 38 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 38 of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption, no adjustment needs to be made.

11.7 The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.

GUARANTEE BOND TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTSAFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS

The Agreement made this ..... day of ..... two thousand and .....between..... sonof .....of..... (hereinafter called the Guarantor of the one part)and the PRESIDENT OF INDIA (hereinafter called Government of the other part).

WHEREAS this agreement is supplementary to a contract (hereinafter called the Contract) dated..... and made between the GUARANTOR of the one part and the Government of the other part, whereby the Contractor, inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak-proof.
AND WHEREAS GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for five years from the date of giving of water proofing treatment.
NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such water proofing treatment shall be five years to be reckoned from the date after the maintenance period prescribed in the contract.

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

(a) Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof;
(b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts;
I The decision of the Engineer-in-Charge with regard to cause of leakage shall be final.

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found, render the building water-proof to the satisfaction of the Engineer-in-Charge at his cost, and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-Charge calling upon him to rectify the defects, failing which the work shall be got done by the Department by some other contractor at the GUARANTOR'S cost and risk. The decision of the Engineer- in-Charge as to the cost, payable by the Guarantor shall be final and binding.

That if GUARANTOR fails to execute the water proofing or commits breach there under then the GUARANTOR will indemnify the principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-Charge will be final and binding on the parties.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

IN WITNESS WHEREOF these presents have been executed by the Obligor .....and by ..... and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

Signed, sealed and delivered by OBLIGOR in the presence of-

1.

2.

Signed for and on behalf of THE PRESIDENT OF INDIA by ..... in the presence of

1

GUARANTEE BOND TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF FILTRATION PLANT

The Agreement made this ..... day of ..... two thousand and .....between..... son of .....of..... (hereinafter called the Guarantor of the one part)and the PRESIDENT OF INDIA (hereinafter called Government of the other part).

WHEREAS this agreement is supplementary to a contract (hereinafter called the Contract) dated..... and made between the GUARANTOR of the one part and the Government of the other part, whereby the Contractor, inter alia, undertook to filtration plant in the said contract recited completely functional in filtration.

NOW THE GUARANTOR hereby guarantees that water quality given by his filtration plant completely potable drinking water and the minimum life of such plant shall be five years to be reckoned from the date of completion of the work.

Provided that the guarantor will not be responsible for failure caused by earthquake or natural calamities. The decision of the Engineer –in –charge with regard to cause of potable water quality shall be final.

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found, render the repair of plant to the satisfaction of the Engineer-in-Charge at his cost, and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-Charge calling upon him to rectify the defects, failing which the work shall be got done by the Department by some other contractor at the GUARANTOR'S cost and risk. The decision of the Engineer- in-Charge as to the cost, payable by the Guarantor shall be final and binding and a penalty of Rs 1000/- per day from the 8th day of information of failure of the plant.

That if GUARANTOR fails to execute the supply of potable water from this plant or commits breach there under then the GUARANTOR will indemnify the principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-Charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor .....and by ..... and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

Signed, sealed and delivered by OBLIGOR in the presence of-

1.

2.

Signed for and on behalf of THE PRESIDENT OF INDIA by ..... in the presence of

LIST OF MATERIALS OF PREFERRED MAKE [CIVIL WORK]

The materials of first/standard quality from the following preferred makes are to be used. In case it is established that the brands specified below ate not available in the market, contractor shall submit alternative proposal to Engineer-in-Charge for the approval of NIT approving authority.

Sl No.	Materials	Brand / Manufacturer Name
	CEMENT	
1	(i) Ordinary Portland Cement – 43 Grade	ACC, Ambuja Cement, TopcemCement, Star Cement, Amritcem, Ultratech, Bangur, Dalmia Cement, NUVOCO.
	(ii)Portland Pozzolona Cement	
	(iii) White Cement	Birla White, J.K. White, Ultra Tech.
2	RMC plant	Ultratech, Prism Johnson, ACC, NUVOCO, Godrej.
3	Admixtures, Plasticizer, Super Plasticizer,	Fosroc, CICO, Penetron, Sika, STP Ltd., BASF , ROFF.
	STEEL	
4	Reinforcement Steel	SAIL, TATA, RINL, JSW Neo, Jindal Steel Power Ltd (Panther).
5	Structural Steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd. (RINL) and JSW Steel Ltd (Neo Steel), Jindal Steel & Power Ltd (Panther), APL Apollo.
6	Steel door frames as per design	JSW, Tata, APL Apollo.
8	Stainless Steel Railing, Accessories etc.	TATA, JINDAL, Dorma, Hardwyn.
	WATERPROOFING	
9	Water Proofing Compounds	Fosroc, Pidilite Industries, Penetron, Sika, ROFF.
10	Curing Compounds	Fosroc, Pidilite Industries, BASF, MYK.
11	Integral Water Proofing compound with cement (For Plaster & Mortar)	Fosroc, Dr. Fixit, Sika, ROFF.
12	Water proofing for roof/bathroom/toilet/ balcony, tanks & other wet areas	Fosroc, Dr. Fixit, Sika, ROFF.
13	Waterproofing HDPE Membrane for raft and retaining wall	Pidilite, Fosroc, Sika, BASF, MYK Arment, ROFF.
14	Waterproofing for self-adhesive membrane (retaining wall)	Pidilite, Fosroc, Sika, BASF, MYK Arment, ROFF.
15	Waterproofing of roof and podiums with PU/Polyisoprene	Pidilite, Fosroc, Sika, BASF, MYK Arment, ROFF.
16	Food Grade epoxy for tanks	Pidilite, Fosroc, Sika, ROFF.
17	Coal Tar Epoxy	Pidilite, Fosroc, Sika, ROFF.
18	EPDM & Silicon Gasket	Amee Rubber, Osaka, Eltech, Avigiri.
19	Modular expansion joint	Herculus, Sanfield India Ltd. Vexcolt, VSIL, DECG International.
	TILES / FLOORING	
20	Vitrified Tiles (Antiskid / Matt / Glazed)	Kajaria, Somany, Johnson, RAK, Varmora, Orientbell.
21	Ceramic Tiles	Kajaria, Somany, Johnson, RAK, Varmora, Orientbell.
22	Mosaic tiles/Chequered Tiles	Ultra Tiles, Kajaria, Johnson, Unistone, NITCO.
23	Heat Resistant Tiles	Kajaria, Somany, Johnson, RAK.
24	Grouts, Tile Adhesive	Roff, Pidilite, Ferrous crete, JK Cement, Ardexendura.
	WOOD WORK	

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

AE(P)/AAD

25	Ply Board	Action TESA, Greenlam, Century, Kitply, Archidply, Merino.
26	WPC (Wood Polymer Composite)	Rajshri, Greenply, Gattani, Century, Alstone
27	Laminated Particle Board/Laminates	Action TESA, Century, Merino, Archidply, Greenply, Greenlam.
28	Plywood/Veneer	Century, Merino,Gattani, Archidply, Greenply, Kitply.
29	Flush door shutters	Merino, Duro, Century,Gattani, Durian, Archidply, Greenply, Kitply.
30	uPVC doors & Windows	Duroplast, Rajshri, Astrix, PlastOne, Venster/OkotechFenesta, Rehau, Kommerling
31	uPVC doors and window hardwares	Oben, Kinlong, Cotswold, GU, Rotto.
32	Extruded Polystrene Insulation Board/Sheet	Dowcorning, Supreme, Taxas, Analco, Aerolam.
33	Glass Wool	Dow Corning, U.P. Twiga, Isover.
34	RIGID cellular GEOFOAM	Modi Foam, Vishalfoam, Foamex.
35	FRP Door	Jaina, Fiberways, Rajshri.
36	Laminate / HPL	Century, Greenlam, Marino.
37	ACP (Aluminium Composite Panel, AHP (Aluminium Honeywell Panel), ZCP (Zinc Composite Panel)	Alstrong, Alstone, Reynobond, Virgo, Aludecor, Eurobond, Viva ACP.
	ROOFING	
38	Polycarbonate sheet	GE Plastic, LEXAN, DPI Daylighting, Gallina
39	Profile Sheet	Dynaroof, Kamdhenu Color Max, Mega Roof Solutions, Power Roof, Smart Roof, Shiv Shakti Fibre Udyog.
40	Profile steel sheet (Precoated)	Ezydeck of TATA, Essar Steel, SAIL, Tata Bluescope
	FIRE DOOR	
41	Fire Rated Metal Doors	Signum Fire Protection, Amvor, Navair, Pacific Fire Control, Shakti Horman, , Sukriti, Bhawani.
42	Fire Rated Glass	Saint Gobain, Modiguard, Asahi, Scott Pyroguard.
43	Fire Door Hardware	Signum Fire Protection, Amvor, Navair, Pacific Fire Control, Shakti Horman, Sukriti, Bhawani ,Dormakaba, GEZE, Haffelle
	FALSE CEILING	
44	Metal False Ceiling	Hunter Douglas, Armstrong,Bollard, Knauf, Saint Gobain.
45	Gypsum Board False Ceiling	Saint Gobain (Gyproc), USG Knauf, Armstrong, India Gypsum..
46	Calcium Silicate False Ceiling	Aerolite, Everest, Armstrong (mylar), RAMCO (Hilux)
47	GRG False Ceiling	Diamond, Knauf, Armstrong, Gypsonic, Saint Gobain (Gyproc).
48	Mineral Fiber False Ceiling	Aerolite, Everest, Armstrong, Bollard , Saint Gobain (Gyproc).
49	Baffle ceiling system	Armstrong, Saint Gobain, Bollard, Hunter Douglas
	ALUMINIUM	
50	Aluminium Section	Hindalco, Jindal, Bhagwati Sai, HALCO.
51	AnodisedAluminium Hardware (Heavy Duty)	Kinlong, Classic, Ebco, Ozone, Jindal, Hettich.
52	Clear/Float/Frosted/Reflective/ Coated Glass / Toughened / Lacquered glass	Saint Gobain, Modiguard, Guardian, AIS.
	DOOR & WINDOW FITTINGS	

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

53	Floor Spring & Door Closure	Godrej, Dorma, Hafele, Geze, Kich, Ozone, Hardwyn, Dorset.
54	S.S. Door & Window Fittings, Door Handle (Brass, Zinc & SS) Locking System (Mortice lock, Night latches, Cylindrical lock, Euro profile cylinders), Door Hardware (Door closure, Floor spring, Tower bolt & Hinges), Modular Kitchen cupboard, wardrobes fitting	Dorma, Hafele, Hettich, Ozone, Godrej, Kich, Dorset.
55	Spider Fittings	Dorma, Godrej, Hettich, Ozone
56	Aluminum Door & Window Fittings/ Hardware	Jindal, Dorma, Ebco.
57	Dash/Anchoring Fasteners	HILTI, Fischer, Bosch, Wurth.
	FINISHING WORK	
58	Cement Based Wall Putty	Birla wall care, JK White, Sakarni, Asian paint.
59	Oil Bound Washable Distemper/Dry Distemper	Asian Paints (Professional Acrylic Distemper), Nerolac : Beauty Acrylic Distemper Berger : Bison Acrylic Distemper Dulux ICI :Maxilite
60	1st Quality Acrylic Distemper (washable / Ready Mix / Low VOC)	Asian Paints (Tractor Aqua Lock Paint) Berger : Commando, Dulux :Superclean, Nerolac: Beauty,
61	Premium Acrylic Emulsion Paints (Interior)	Asian Paints : (Royale Luxury Emulsion, Apcolite All Protek Nerolac : Impression Berger : Silk Dulux : Velvet touch
62	Textured Exterior Paint	Asianpaints, Nerolac, Berger Paints
63	Premium Acrylic Smooth Exterior Paint with silicon additive	Asian Paints : (Apex) Nerolac : Excel Berger : Weather Coat (WC 500)
64	Synthetic Enamel Paint	Asian (Apcolite Premium gloss enamel), Nerolac : Synthetic Hi gloss Berger :Luxol Hi gloss Dulux : Gloss Synthetic enamel
65	Cement Primer	Nerolac, Berger, BP White (Berger), Decoprime WT (Asian), White Primer, Dulux.
66	Wood Primer	Asian Paints, Berger,Dulux, Nerolac.
67	Epoxy Paint	Asian, Dulux, Wintech, Nova.
68	Fire Paint	Asian Paint, Dulux. Promat, Jotun.
69	Gypsum Plaster	Ferrous Crete, Gyproc, Ultratech.
70	External plaster (Polymer modified white cement based matt finish putty)	Birla white level plast, J.K. Coarse Putty.
71	Floor hardener	Ironite, Ferrok, Hardonate.
72	Silicon based water repellant / Weather sealant	G.E. Plastics, Dow Corning, (Wacker), BASF, Pidilite Dr. Fixit, ROFF.
73	Poly-Sulphide Sealant	Fosroc, Pidilite, Berger.
74	Melamine Polish	Asian Paints Melamine Gold, Wudfin of Pidilite, Timbertoneof ICI Dulux, Sirca.
75	Textured Paint	Asian Paint, Berger, Ultratech.

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

	PLUMBING WORKS	
76	G.I./M.S. Pipe	Tata, Jindal (Hisar), Nezone.
77	G.I. Fittings	Unik, Zoloto, Jindal (Hisar).
78	HDPE Pipes	Oriplast, Supreme, Dulet, Prince.
79	DI Pipes	Electosteel, Jindal, Tata Ductura, Kesoram, Kapliash.
80	DI Fittings	Electosteel, Jindal, Tata Ductura, Kesoram, Kapliash.
81	UPVC pipe and fittings	Astral, Ashirwad,Fusion, Prince, Supreme.
82	CPVC pipe & Fitting	Astral, Ashirwad, Fusion ,Prince, Supreme.
83	Centrifugally Cast (spun) Iron / Hubless pipes & fittings	NECO, Electrosteel, Nezone, Kapliash.
84	C.I. Manhole covers, frames & GI gratings	NECO, SKF, RIF.
85	SFRC Manhole covers & gratings	KK, JAIN, PARGATI.
86	CP Brass fittings	Grohe, Kohler, Roca, Jaquar (Florentine / Pressmatic), Toto.
87	Sanitary ware, Fittings & accessories	Hindware, Jaquar, Parryware (Eternal collection), Kohler, Roca.
88	Mirror Glass	Atul, Modi Guard, Golden Fish, Saint-Gobain.
89	Modular toilet Cubical	Merino, Greenlam, Dormakaba.
90	Glass Shower enclosure	Jaquar, Ozone, Dorma .
91	PVC water storage tank	Sintex, Supreme, Polycon.
92	PTMT bath accessories	Prayag, Vectus, Polytuf.
93	Valves	KBS, Zoloto, Sant.
94	Stainless Steel Sink	Neelkanth, Jindal, Cera, Nirali.
	MISCELLANEOUS	
95	Metal Louvers	Alstone, Bollard, Hunter Douglas.
96	AAC Block Adhesive	Ultratech, Ardex Endura, Ferrous Crete,
97	AAC Block	Superlite, Austin, Taj AAC Block, Brikolite, Power Lite, Green AAC Block, Ultratech.
98	Fiber Cement Board	Bison (NCL), Everest, Lafarge.
99	Paver Blocks	Mawroh concrete & pavers, Hero pavers, Maheshwari Industries.
100	Modular kitchen	Godrej interio/ SLEEK / IKEA / Brown crust, Durian Neelkanth.
101	GRG Jali, Dome, Cornice	Nav Nirman, Samudyam, Eco Vision Industries.

Note :

1. When two or more alternative brands have been mentioned, the brand to be finally used shall be as decided by the Engineer-In-Charge. Nothing extra on this account is payable.
2. Article / Material / Brand which are not mentioned in the above list may be approved by the Chief Engineer on the request of Contractor / Agency provided that the Material / Article / Brand proposed by the contractor should have equivalent or better specifications and rates which are already mentioned in the list.
3. All other items shall be of ISI marked / as per approved sample kept at site of work.
4. The waterproofing / Paint work shall be executed through authorized applicator of the manufacturer only.

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SCHEDULE OF QUANTITY

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

AE(P)/AAD

Name of work:- Miscellaneous Renovation Work for CPWD Office at Garchuk, Guwahati-35.

Sl. No.	Description of Items	Quantity	Unit	Rate	Amount
1	**CONCRETE WORK**				
1.1	1:5:10 (1 cement : 5 coarse sand (zone-lIII) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	3.00	Cum	6518.60	19556.00
2	**REINFORCED CEMENT CONCRETE**				
2.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering. finishing and reinforcement - All work up to plinth level :				
2.1.1	1:1.5:3 (1 cement: 1.5 coarse sand (zone-II) derived from natural sources :3 graded stone aggregate 20 mm nominal size derived from natural sources)	1.00	Cum	9045.75	9046.00
2.2	Centering and shuttering including strutting, propping etc. and removal of form for				
2.2.1	Suspended floors, roofs, landings, balconies and access platform	6.00	Sqm	927.25	5564.00
2.3	Steel reinforcement for R.C.C. work including straightening, cutting. bending, placing in position and binding all complete upto plinth level				
2.3.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	100.00	Kg	107.85	10785.00
3	**MASONRY WORK**				
3.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
3.1.1	Cement mortar 1:4 (1 cement: 4 coarse sand)	0.40	Cum	7370.65	2948.00
4	**CLADDING WORK**				
4.1	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing				

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

	to edges to give high gloss finish etc. complete at all levels.				
4.1.1	Granite of any colour and shade				
4.1.1.1	Area of slab upto 0.50 sqm	0.25	Sqm	5413.50	1353.00
4.1.1.2	Area of slab over 0.50 sqm	5.10	Sqm	5136.30	26195.00
4.2	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer - in - Charge , in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	50.00	Sqm	1267.95	63398.00
5	**WOOD AND P.V.C. WORK**				
5.1	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete				
5.1.1	100x60x2.50 mm	24.00	Each	106.35	2552.00
5.2	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISi, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	1.00	Each	983.15	983.00
5.3	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
5.3.1	250x16 mm	5.00	Each	260.60	1303.00

5.4	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :				
5.4.1	200x10 mm	5.00	Each	99.70	499.00
5.5	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
5.5.1	Twin rubber stopper	1.00	Each	72.35	72.00
5.4	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing				

	conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately. Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for : (i) Sites with basic wind speed > 45 m/sec as per IS 875 – Part 3 (ii) Sites with structure height more than 20m for all wind speeds				
5.4.1	Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zinc alloy (zamak) powder coated handles.				
5.4.1.1	Using R1 series with frame (33mm & above) x (35mm & above) & sash /mullion (33mm & above) x (50 mm & above). (Height upto 0.90 metre).	1.50	sqm	13201.20	19802.00
5.5	Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc.complete as per direction of Engineer-in-charge.				
5.5.1	200 mm	2.00	Each	186.65	373.00
6	**Steel Work**				
6.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cuting, hoisting, fixing in position and applying a priming coat of approved steel primer, induding welding and bolted with special shaped washers etc. complete.				
6.1.1	Hot finished seamless type tubes	350.00	kg	206.35	72223.00
7	**FLOORING**				
7.1	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), including grouting the joints with white cement and matching pigments etc., complete.	12.00	Sqm	1330.00	15960.00
8	**ROOFING**				

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

8.1	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns, Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling iself tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ verticalor curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever reguired.	26.00	Sqm	738.65	19205.00
9	**FINISHING**				
9.1	12 mm cement plaster of mix :				
9.1.1	1:4 (1 cement: 4 coarse sand)	2.50	Sqm	357.35	893.00
9.2	15 mm cement plaster on rough side of single or half brick wall of mix:				
9.2.1	1:4 (1 cement: 4 coarse sand)	1.60	Sqm	411.75	659.00
9.3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	100.00	Sqm	156.05	15605.00
9.4	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
9.4.1	Two coats	100.00	Sqm	142.80	14280.00
9.5	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
9.5.1	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	100.00	Sqm	73.95	7395.00

9.6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	100.00	Sqm	25.15	2515.00
10	**REPAIRS TO BUILDING**				
10.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
10.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	36.00	Sqm	547.40	19706.00
11	**DISMANTLING AND DEMOLISHING**				
11.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead				
11.1.1	Of area 3 sq. metres and below	5.00	Each	367.20	1836.00
11.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
11.2.1	For thickness of tiles 10 mm to 25 mm	12.00	Sqm	73.40	881.00
11.3	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	2.00	Each	112.05	224.00
11.4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	50.00	Sqm	54.65	2733.00
11.5	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	2.00	Cum	263.95	528.00
12	**ROAD WORK**				

12.1	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.	20.00	Sqm	1455.65	29113.00
13	**SANITARY INSTALLATIONS**				
13.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan), with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
13.1.1	W.C. pan with ISI marked white solid plastic seat and lid	2.00	Each	6515.55	13031.00
13.2	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
13.3	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	2.00	Each	1034.80	2070.00
13.4	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	3.00	Each	1607.95	4824.00
13.5	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	2.00	Each	1083.50	2167.00
13.6	Providing and fixing toilet paper holder				

13.6.1	C.P. brass	2.00	Each	803.70	1607.00
14	**WATER SUPPLY**				
14.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
14.1.1	20 mm nominal outer dia Pipes	10.00	Metre	537.60	5376.00
14.2	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
14.2.1	15mm nominal bore	3.00	Each	820.70	2462.00
14.3	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
14.3.1	15mm nominal bore	5.00	Each	574.30	2872.00
14.4	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.				
14.4.1	15 mm nominal bore with 45 cm length	5.00	Each	121.90	610.00
15	**ALUMINIUM WORK**				
15.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer - in - charge. (Cost of aluminium snap beading shall be paid in basic item.)				
15.1.1	With float glass panes of 5.0 mm thickness	1.50	Sqm	1505.25	2258.00
16	**NEW TECHNOLOGIES AND MATERIALS**				

16.1	Providing & fixing false ceiling at all heights with GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC0.50 to 0.75 as per IS 8225:1987, Non combustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanised iron section of 0.33 mm thick (galvanized @ 120 gram per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600 mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm. Galvanised iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall wood screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge				
16.1.1	With semi perforated 12 mm thick micro tegular edged GRG false ceiling tiles.	85.00	Sqm	1852.05	157424.00

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

16.2	Providing and fixing factory made single extruded WPC (Wood Polymer Composite)oliddoor/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class Acategory with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately).Note: For WPC solid door/window frames, minus 5 mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made.				
16.2.1	Frame size 45 x 85 mm	31.00	Mtr	926.35	28717.00

16.3	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesive on both faces of shutter and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In-Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)				0.00
16.3.1	30 mm thick	10.00	Sqm	4764.20	47642.00
	TOTAL				**639245.00**
	Modified Estimated Cost after using Correction factor of 0.973 on DSR'2023 items issued vide e file No : 9158977 dated 08-08-2024				621985.00
				TOTAL DSR-23 ITEMS =	**621985.00**
	Add Cost index @22.57% on DSR-23				140382.00
				TOTAL (A)=	**₹ 7,62,367.00**
17	**NON-SCHEDULE ITEMS**				
17.1	Providing and fixing single towel rail 600 mm long of Jaquar make Cat No. ACN-1111SM/Hindware/Parryware or equivalent make complete with CP brass screws etc all fitting arrangement of approved quality and colour or equivalent range as appropved by engineer in charge.	2.00	Each	1,588.35	3,177.00
17.2	Providing and fixing C.P. brass two way bib cock with flange of Jaguar make (Cat No. CON-041KN of Continental series)/Hindware/Parryware or equivalent make as appropved by engineer in charge.	2.00	Each	1,312.70	2,625.00

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

17.3	Providing and fixing Hand shower (health faucet) with 8mm dia, 1.2 metre long flexible tube & wall hook of Jaquar make (Code No. ALD-573 of Allied series of Continental series)/Hindware/Parryware or equivalent make as per direction of Engineer-in-charge.	2.00	Each	1,546.60	3,093.00
17.4	Providing and fixing C.P. Brass towel ring round flange of Jaquar make (Catalogue No. CAN-1121BN) or equivalent as per direction of Engineer-in-charge.	2.00	Each	1,024.45	2,049.00
17.5	Providing and fixing Under Counter Basin with Fixing Accessories, Size: 595x400x195mm, Shape: Rectangular, Jaquar make (Catalogue No. FNS-WHT-40701) or equivanent as per direction of Engineer-in-charge.	3.00	Each	3,016.05	9,048.00
17.6	Providing and fixing Soap Dispenser With Glass Bottle , Jaquar make (Catalogue No.ACN-1135N) or equivanent as per direction of Engineer-in-charge.	3.00	Each	1,397.30	4,192.00
17.7	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150mm of approved make	10.00	Each	335.20	3,352.00
17.8	Deduction for the credit of old dismantled unserviceable material including removal / disposal of the material from site and cleaning the site all complete as per direction of Engineer-in-charge.				
17.8.1	Credit for Old dismantled PVC / Flush door shutters with old fittings received from dismantling works	6.00	Each	-250.00	-1500.00
17.9	Supply of Aluminium Louvers of wooden colours with 12 years warranty of Series: 5500/3200 series of Alstone or equivalent make and Fixing using Jindal Aluminium sections of 2*1 size for providing including all kind of man & machine as per direction of Engineer in charge	26.00	Sqm	8,221.95	2,13,771.00
17.10	Providing and fixing SS sliding door bolts, Size (mm) 16 x 250,Product Code 2282 UNSPSC Code 31161606SD00183, with nuts and screws etc. complete :	1.00	Each	676.00	676.00

17.11	Providing and fixing S.S tower bolts, Size (mm) 200,Product Code 3262 UNSPSC Code 31161606SD00141, with nuts and screws etc. complete :	1.00	Each	234.30	234.00
17.12	Providing and fixing Urinal (Top Inlet) With Fixing Accessories Size: 345x320x610 mm.- (URS-WHT-13257) complete. or equivanent as per direction of Engineer-in-charge	2.00	Each	12,697.50	25,395.00
17.13	Providing and fixing Curved shaped urinal partition with frosted glass, Glass: 10mm H: 900 W: 450 Finish: Chrome,Product Code JSE-CHR-110UC450X or equivanent as per direction of Engineer-in-charge. .with nuts and screws etc. complete :	2.00	Each	5,959.40	11,919.00
17.14	Providing and fixing Urinal Valve Auto Closing System with Built-in Control Cock & Wall Flange, Jaquar make (Catalogue No.PRS-077) or equivanent as per direction of Engineer-in-charge.	2.00	Each	2,413.90	4,828.00
17.15	Supplying and installation of Godrej Marvel High Back Chair, The high-back executive seating solution should feature a seat assembly constructed from an injection-moulded plastic inner and outer, upholstered in leatherette with moulded High Resilience (HR) polyurethane foam of 45±2kg/m³ density. The cushioned back should be made of polyurethane foam with an insitu-moulded MS E.R.W. round tube structure (1.89 ± 0.03 cm diameter) and upholstered in leatherette, with high-back dimensions of 47.7 cm width by 76.4 cm depth. the unit should be equipped with an active bio-synchro mechanism featuring a 360° revolving type, front-pivot for tilt. tilt tension adjustment, and a 5-position tilt limiter with a seat-to-back tilting ratioof 1:2 For personalized ergonomics, the chair should include a seat depth adjustment range of 6.0± 0.5 cm and an adjustable back support with a range of 7.42± 0.5 cm housed in a plastic . T-spine. the armrests should feature polyurethane (PU) tops mounted on drop-lift adjustable tubular supports made of Ø3.81 cm MS E.R.W. tubes with a chrome-plated finish, adjustable up to 6.5 ± 0.5 cm steps. the pedestal should be high-pressure die-cast plished alumium with apitch center diameter of 65.0±0.5 cm fitted with five twin-wheel castors (6.0 ± 0.1 cm diameter), and height adjustable via a pneumatic system with a 10. ± 0.3 cm stroke.	2.00	Each	28,845.56	57,691.00

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

17.14	Supplying and installation of Godrej Interio Elite Chair. The seat should be made up of 1.2 ± 0.1 cm thk. Hot pressed plywood. The Back is made up of injection moulded glass filled nylon & upholstered using Quilted Leatherette fabric. SEAT SIZE (Larger Seat Depth): 47.0 cm (W) x 51.5 cm(D) SEAT SIZE(Standard Seat Depth) 47.0 cm (W) x 49.5 cm(D) BACK SIZE:45.0 cm. (W) x 65.3 cm (H). the HR polyurethane seat foam should be moulded with density 45+/- 2kg/m³ and hardness 16 ± 2 kg as per IS: 7888 for 25% compression. The adjustble armrest should be designed with following features:up-down adjustment-8 steps (8.0 ± 0.5 cm range) Height adjustable armrest structure which should be chrome plated & fitted with an armrest top. Fixed Armrest Top is PU moulded over metal insert. The Lumbar support should consistss of polypropylene pad with moulded polyurethane foam & covered with polyester fabric. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pad. Lumbar pad should have anadjustment of 8.0 ± 0.5 cm in height. the adjustable tilting mechanism is designed with the following feature:360° revolving type. Single point control. Front pivot for tilt with feet resting on ground ensuring more comfort. Tilt Neckrest assembly consist of polypropylene pad with moulded polyurethane foam & covered with Leatherette fabric. The pneumatic height adjustment has an adjustment stroke of 10.0 ± 0.3 cm. The pedestal is fabricated from 0.2 ± 0.02 cm thick HR sheet, chrome plated and assembled with injection moulded black polypropylene hub cap abnd 5 nos. twin wheel castors. the pedestal is 66.0 ± 0.5 cm . Pitch center dia (76.0 ± 1.0 cm with castors). the coat Hanger is made up of injecation moulded glass filled nylon. the coat hanger is retro fit and is fixed to the back assembly. 10. The twin wheel castors are injection moulded in black Nylon.	32.00	Each	19,399.05	6,20,770.00
	TOTAL NON-SCHEDULE ITEMS(B)=				**9,61,320.00**
	GRAND TOTAL (A + B)=				**17,23,687.00**

Executive Engineer
Assam Aviation Division
CPWD, Guwahati-15

Correction..Nil
Deletion.. Nil
Insertion..Nil
Overwriting.. Nil

AE(P)/AAD