



भारत सरकार
GOVERNMENT OF INDIA
केंद्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT
कार्यालय कार्यपालक अभियंता, गुवाहाटी मंडल
OFFICE OF THE EXECUTIVE ENGINEER,
GUWAHATI DIVISION,
गुवाहाटी - ७८१०२१
GUWAHATI – 781021



e-NIT
ई-निविदा आमंत्रण सूचना
e-NIT No. : 22/NIT/EE/GD/2026-27

Name of work : Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel)

Estimated Cost : Rs. 35,49,320/-

Sr. D/Man (Civil)
 Guwahati Division
 CPWD, Guwahati-21

Assistant Engineer (P)
 Guwahati Division
 CPWD, Guwahati-21

APPROVED

Executive Engineer
 Guwahati Division
 CPWD, Guwahati-21

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil

Sr' D/Man (C) AE (P)

NIT NO. :-22 /NIT/EE/GD/2026-27

Name of Work :- **Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel)**

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Certified that the Percentage bid document contains pages contains **1 to 57 pages**, in chronological order

This N.I.T. is approved for **Rs. 35,49,320.00 (Rupees Thirty-five Lakh Forty-nine Thousand Three Hundred Twenty) only.**

.....
This tender is uplodged on CPWD website [CPWD eTendering \(https://etender.cpwd.gov.in\)](https://etender.cpwd.gov.in) **NEW**
.....

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil Sr' D/Man (C) AE (P)

PART – “ A ”

CPWD-6 FOR e-TENDERING

Percentage rate bids are invited by **Executive Engineer, Guwahati Division, CPWD, Bamunimaidan, Guwahati - 781021** on behalf of President of India from approved and eligible contractors of CPWD for the Work of “**Construction of Girls’ Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls’ Hostel)**”. 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. 35,49,320.00 (Rupees Thirty-five Lakh Forty-nine Thousand Three Hundred Twenty) 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** 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 **60 (Sixty) days** 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 architectural and structural drawings shall be made available in phased manner, as per requirement of site and as per approved programme of completion submitted by the contractor after award of work. 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** at 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 amounting to **Rs. 70,986/-** in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee i/c e-bank guarantee (for balance amount as prescribed) from any of the Commercial Banks **(Drawn in favour of Executive Engineer, Guwahati Central Division, CPWD, Guwahati-21, payable at Guwahati)** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. 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/AE) 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 (i/c e-bank guarantee) also. In such case, minimum 50% of earnest money or Rs. 20 lakh whichever is less, shall have to be deposited in shape prescribed above, and balance may be accepted in shape of Bank guarantee (i/c e-bank guarantee) of any Commercial bank having validity for a period of 90 (ninety) days 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 tenders except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period of 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 the technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience 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.

The bid submitted shall be opened at **03:30 PM on 23.07.2026**

**** To be filled in by Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021).**

- 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 at specified percentage of the tendered amount as mentioned Schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance surety bonds, Account payee Demand Draft, Fix Deposit Receipt or Bank guarantee (i/c e-bank guarantee) from any of the Commercial bank 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:
- Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel).**
- 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 bidders 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 of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any 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 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 Construction Works with up-to-date corrections slips issued till last date of submission of bid.

20. 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 (Phone No. 9422263095, e-mail id : eegcdghy@gmail.com, Division : Guwahati Division, Guwahati or ERP help line no. 18001803286)** or e-mail id cpwd.support@techmahindra.com. The e-tendering bidder are also advised not to raise any issues till the last date of submission of bid in their own interest.

~~21~~ **For Composite Bids**

~~21.1.1 The Executive Engineer in charge of the civil component will call bids for the work. The cost of bid document and earnest Money will be fixed with respect to the estimate cost put to tender for the bid.~~

~~21.1.2 The bid document will include following three components:~~

~~**Part A:** CPWD-6, CPWD-7 including schedule A to F for the civil component of the work, Standard General Conditions of Contract for CPWD 2023 for construction works, as amended/ modified up to last date of submission of bid.~~

~~**Part B:** General / specific conditions, specifications and schedule of quantities applicable to civil component of the work.~~

~~**Part C:** Preferred Make list and Schedule of quantity for civil component of the work.~~

~~21.1.3 The bidders must associate himself, with agencies as per NIT conditions~~

~~21.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.~~

~~21.1.5 After acceptance of the bid by competent authority, the EE in charge of civil component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of civil component and has also to sign two or more copies of agreement depending upon number of EE's/DDH in charge of civil components. One such signed set of agreement shall be handed over to EE/DDH in charge of civil component(s). EE of civil component will operate **Part A, Part B and Part C** of the agreement.~~

~~21.1.6 Entire work under the scope of the bid shall be executed under one agreement.~~

~~21.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.~~

~~21.1.8 The main contractor has to associate agencies for specialized component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer in charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer in charge of relevant component(s).~~

~~21.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer in charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.~~

- ~~21.1.10 The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE in charge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.~~
- ~~21.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer in charge of the discipline of minor component directly to the main contractor.~~
- ~~21.1.12.A The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer in charge of major component after record of completion certificate of all other components. The EMB / CMB shall be maintained independently by Engineer in charge of major and minor components.~~
- ~~21.1.12.B Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.~~
22. 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 (Phone No. 9422263095, e-mail id : eegcdghy@gmail.com, Division : Guwahati Division, Guwahati or ERP help line no. 18001803286)** or e-mail id cpwd.support@techmahindra.com. The e-tendering bidder are also advised not to raise any issues till the last date of submission of bid in their own interest.
23. The agency has to follow COVID guidelines as issued by the State/ Central Govt. from time to time to contain the spread of COVID-19 outbreak.

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 : Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel).

1. NIT No. 22/NIT/EE/GD/2026-27
2. Estimated Cost : Rs. 35,49,320.00
3. Amount of Earnest Money Deposit : Rs. 70,986.00
4. Last date of submission of bid: 23.07.2026

(** To be filled by Executive Engineer, Guwahati Central Division, CPWD, Guwahati-21, payable at Guwahati 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)

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

(Applicable for inviting open bids)

The **Executive Engineer, Guwahati Division, CPWD, Guwahati – 781021** on behalf of President of India invites online percentage rate bids from approved and eligible contractors of CPWD for the following work(s):

Sl. 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	22/NIT/EE/GD/2026-27	Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel).	Rs. 35,49,320/-	Rs. 70,986/- In favor of EE, Guwahati Central Division, CPWD, Guwahati-21, payable at Guwahati	60 (sixty) days	Up to 03.00 PM on 23.07.2026	Date 23.07.2026 at 03:30 P.M.

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> 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 Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receipts or and Bank guarantee (i/c e-bank guarantee) (for balance amount as prescribed) from any of the commercial Banks 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.
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.

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil

Sr' D/Man (C) AE (P)

6. The intending bidder must have valid class-III digital signature certificate with encryption key (combo type) to perform any operations/transactions on the e-tendering portal/website and the bidder should download and install the eMSigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
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. Account Payee Demand Draft/ Banker's Cheque / FDR/ Bank Guarantee (for balance amount as prescribed) of any Commercial Banker Insurance Surety Bonds against EMD.
- II. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer (i/c NIT issuing EE/AE CPWD).
- III. Copy of Valid Enlistment order in CPWD.
- IV. **GST Registration Certificate if already obtained by the bidder.**
If the bidder has not obtained GST registration as applicable, then he shall scan and upload following under taking along with bid documents.
"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, 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 account of the work executed and/or for any action taken by CPWD or GST department in this regard"..
- V. Copy of PAN card.
- VI. The agency must upload the ERP training Certificate regarding successful completion of ERP training from ERP portal.
- VII. Undertaking for site inspection (Intending bidders must upload undertaking that they have inspected and examined the site and it's surrounding before submitting their bids, duly submitted as per **Annexure-A**.

CPWD – 7

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

(A) Tender for the work of :-

“Construction of Girls’ Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls’ Hostel)”.

- (i) To be uploaded by **15:00 hours on 23.07.2026** in the office of Executive Engineer, Guwahati Division, CPWD, Bamunimaidan, Guwahati - 781021.
- (ii) To be opened in presence of tenderers who may be present at **15:30 hours on 23.07.2026** in the office of Executive Engineer, Guwahati Division, CPWD, Bamunimaidan, Guwahati - 781021.

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 30 days from the due date of its opening in case of single bid system and not to make any modification in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

In respect of portion of EMD prescribed in the shape of BG, the scanned copy of original Bank Guarantee including e-Bank Guarantee (as applicable) of any commercial bank having validity for a period of 90 days ~~for single bid and 180 days for two bid systems~~ or more from the last date of receipt of bids ~~(Strike out as the case may be)~~, is to be uploaded. 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.

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil Sr’ D/Man (C) AE (P)

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/Earnest Money.

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

Designation

Dated:

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 (i/c e-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 (i/c e-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 (i/c e-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. (Rupeesonly).
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 (i/c e-bank guarantee) being absolute and unequivocal. The payment so made by us under this Bank guarantee (i/c e-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

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil

Sr' D/Man (C) AE (P)

any time or from time to time any of the powers exercisable by the Government against the said contractor and to for bear 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 (i/c e-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:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Signature..... 2. Name and Address Designation Staff code no. Bank seal | <p>Authorized Signatory</p> <p>Name</p> |
| <ol style="list-style-type: none"> 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 (i/c e-bank guarantee) will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be

FORMAT FOR UNDERTAKING FOR SITE INSPECTION**To,**

**The Executive Engineer
Guwahati Division,
CPWD, Guwahati-781021**

I/we hereby give an undertaking for the given work as follows :-

NIT No. :- 22 /NIT/EE/GD/2026-27

Name of Work : Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel).

I/we have inspected and examined the site and its surroundings is / are satisfied before submitting our bid 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 I/we may require and in general shall myself / ourselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid. I/we shall be deemed to have full knowledge of the site whether I/we inspect it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. I/we shall be responsible for arranging and maintaining at our 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 I/we implice(s) that I/we have read this notice and all other contract documents and has made myself / ourself 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 us by the Government and local conditions and other factors having a bearing on the execution of the work.

Place:

Date:

Yours faithfully

[Signature of Bidder(s)]

PERFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (As per PWD-3)	:	From Page No 51 to 57
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SCHEDULE 'D'

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

Reference to General Condition of contract	:	General Conditions of Contract 2023 (Construction work) CPWD – 7 with upto date corrections slip issued till last date of submission of bid.
Name of work	:	“Construction of Girls’ Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls’ Hostel).”
Estimated cost of work	:	Rs. 35,49,320/-
1) Earnest money	:	Rs. 70,986/-
2) Performance Guarantee	:	(a) PG: 5% of tendered value or Estimated Cost Put To Tender (ECPT) (whichever is higher). (b) APG: Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put To Tender (ECPT) the Performance 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 amount.

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer Inviting Tender	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021
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(vi)	Engineer-in-Charge	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021
2(viii)	Accepting Authority	:	Chief Engineer Guwahati, CPWD, Guwahati – 781035 or as per delegation of Financial Power
2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	:	Contractor Profits: 7.5% for all work & Over head : 7.5% for construction works only.
	Standard Schedule of Rates	:	Based on DSR' 23 Market Rate
2(xi)	Department	:	Central Public Works Department
9(ii)	Standard CPWD contract Form GCC 2023 (Construction work), C.P.W.D Form 7/8 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.	:	07 (seven) Days
(ii)	Maximum allowable extension with late fee @ 0.1% Per day of Performance Guarantee amount beyond the period provided in (i) above	:	03 (three) Days with late fee @ 0.1% Per day of PG amount.

Clause 2

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

Applicable Clause 2 / Clause 2A	:	Yes, Clause 2
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Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil Sr' D/Man (C) AE (P)

Clause 5

Number of days from the date of issue of letter of acceptance of work for reckoning date of start	:	10 (ten) Days
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Mile stone(s) as per table given below:-

Mile Stone Break up			
S. No.	Description of Milestone (Physical & Financial)	Time allowed in days(from date of start)	Amount to be withheld in case of non-achievement of milestone
1	Providing view cutter and other Civil construction works	20 days	1 % of tender amount
2	Submission and approval of completion plan of all Furniture as per requirement.	30 days	1 % of tender amount
3	Approval of samples of Furniture. Supply of furniture for 20% value of tendered amount.	40 days	1 % of tender amount
4	Supply of Furniture, 60% value of tendered amount.	50 days	1 % of tender amount
5	100% work completion and handing over to client.	60 days	1 % of tender amount

Time allowed for execution of work.	:	60(sixty) days.
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Authority to decide:

(i)	Authority to convey the decision of shifting of milestone and Extension of time	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021
(ii)	Authority to decide rescheduling of milestone and extension of time	:	Chief Engineer, Guwahati CPWD, Guwahati - 781035.
(iii)	Shifting of date of start in case of delay in handing over of site.	:	Chief Engineer, Guwahati, CPWD, Guwahati - 781035.

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

Mode of Measurement Book (CMB) / Electronic Measurement Book (EMB)	:	CMB
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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. 15.00 Lakh [Except Final Bill]
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Clause 7A

Whether Clause 7A shall be applicable	:	Yes Applicable
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Clause 8A

Authority to decide compensation on account if contractor fails to submit completion plans	:	Chief Engineer, Guwahati CPWD, Guwahati-35.
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Clause 10A**List of testing equipment to be provided by the contractor at site lab:**

Equipment's for conducting necessary tests (as per CPWD Specifications 2019 Volume-I&II) shall be provided and installed at site campus in the well-furnished site laboratory by the contractor at his own cost. The following laboratory equipment should be in general or as and when required be setup at site laboratory:-

Sl. No.	Equipment	Numbers
As per instructions of Engineer-in-charge and requirement of work.		

Clause 10-B (ii)

Whether clause 10-B (ii) shall be applicable	:	Not Applicable
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Clause 10 C

Component of labour expressed as percentage of value of work	:	Not Applicable
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Clause 10 CC

Not Applicable

A. For Construction Period :

S. No.	Relevant component of Material / Labour for price escalation	Percentage of total value of work
1	Cement component	N/A
2	Labour component	
3	Civil component of other Construction Materials	
4	E&M (Electrical and Mechanical) component of Construction Materials	
5	POL (Diesel) component	
6	Reinforcement steel bars / TMT bars / structural steels (including strands and cables) component	
7	Bitumen component	
	Total	

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil

Sr' D/Man (C) AE (P)

B. For maintenance period

S. No.	Relevant component of Material / Labour for price escalation	Percentage of total value of work
1	Labour component	N/A
2	Civil component of other Construction Materials	
3	E&M (Electrical and Mechanical) component of Construction Materials	
4	Bitumen component (For Road Work component)	
	Total	

Clause 11

Specifications to be followed for execution of work	:	C.P.W.D. Specifications 2019 Vol. I & II with corrections slips up to last date of submission of bid and as per manufacture specification i/c special conditions & particular specifications.
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Clause 12

Nature of work		Construction Work
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Clause 12.2 (c)

Deviation limit beyond which clause 12.2 (c) shall apply for building work.	:	100%
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Clause 12.4

(i) Deviation limit beyond which clauses 12.2 (c) shall apply for foundation work (except items mentioned in earth works subhead in DSR and related items).	:	100%
(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items.	:	100%

Clause 16

Competent Authority for deciding reduced rates	:	Chief Engineer, Guwahati CPWD, Guwahati-35.
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Clause 18

1.	Machinery & equipment required for completion of the work as per decision of Engineer-in-charge.	As per requirement
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Note: The T&P are to be deployed as and when required or as directed by Engineer-in Charge.

Clause 19 C	Authority to decide penalty for each default	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021
Clause 19 D	Authority to decide penalty for each default	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021
Clause 19 G	Authority to decide penalty for each default	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021
Clause 19 K	Authority to decide penalty for each default	:	Executive Engineer, Guwahati Division, CPWD, Guwahati - 781021

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil Sr' D/Man (C) AE (P)

Clause 25

Conciliator	Additional Director General, Guwahati, CPWD
Arbitrator Appointing Authority	Chief Engineer, Guwahati

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

Sl. No	Minimum Qualification of Technical representative	Number (of Major + Minor component)	Minimum Experience (years)	Designation (Principal Technical / Technical representative)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
					Figures	Words
1.	----- N.A. -----					

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.

PART – “ B ”

ADDITIONAL CONDITIONS

1. Unless otherwise provided in the Schedule of quantities the rates quoted by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building, working in or under water and/ or foul conditions and nothing extra shall be payable to him on this account. Payment for centring, shuttering, however if required to be done for floor to floor heights greater than 3.5 m shall be admissible at rates arrived at in accordance with clause-12 of the agreement if not already specified.
2. The contractor shall make his own arrangements for obtaining electrical service connection if required and make necessary payments directly to the department concerned.
3. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
4. 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.
5. (a) The building work will be carried out in the manner complying in all respects with the requirements of relevant by laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra will be paid on this account.
 (b) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bye-laws and specifications of the Municipal Body/ Corporation where C.P.W.D. specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body/ Corporation Authorities wherever required at his own cost.
 (c) The contractor shall comply with legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.
6. 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.
7. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items and nothing extra shall be payable (or) extra cement considered in consumption on this account.
8. **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.**
9. The structural and architectural drawings shall at all times be properly co-related before executing any work. However, in case of any discrepancy, the same may be got rectified before execution.
10. 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.
11. 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.
12. 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.

13. The contractor will have to work according to the program of the work given by the contractor and/ or decided by the Engineer-in-Charge. The contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-Charge and this sample unit shall be got approved from the Engineer-in-charge before mass construction is taken up. No extra claim what so ever beyond the payments due at agreement rates will be entertained from the Contractor on this account.
14. 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.
15. If as per municipal rules or client requirement, the huts for labour are not to be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and client and nothing extra shall be paid on this account.
16. Cement bags shall be stored in separate godowns to be constructed by contractor at his own cost as per sketch which is only indicative and actual size will depend on the site requirements as per CPWD Specification 2019 (Vol. I) with correction slips up to last date of submission of bid and R.C.C. work in pursuance (IS: 456-2000) with weather proof roof and walls. Each godown shall be provided with a single door with two locks.
17. The contractor shall be fully responsible for the safe custody of the materials even if the materials are under double lock system.
18. 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.
19. 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.
20. 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.
21. Drilling holes to secure fastener/ screws in walls and chase cutting in the walls wherever necessary shall be done by mechanical means i.e. by hammer drill machine & the chase cutting machine respectively for which nothing extra will be paid to the contractor.
22. The Contractor shall prepare and supply three sets of the completion drawings of all the external and internal plumbing, water supply, sanitary, drainage, electrical and other specialized works including all other services and completion plan of the building on completion of the services, to the Engineer-in-charge. One soft copy or hard copy of the relevant Architectural drawing for enabling the contractor to prepare the completion drawings shall be made available by the Engineer-in-Charge.
23. Brand and trade name of the paint to be used in the work shall be got approved in writing from the Engineer-in-Charge before application of the samples of different shades. After the written approval of the Engineer-in-Charge about brand, trade name, sample and shades of the paints the contractor shall make bulk procurement of the paint. Before start of the item of painting, the original purchase vouchers, delivery challan of purchase of full quantity of paint materials shall have to be produced by the contractor to the Engineer-in-Charge. The contractor shall bring full quantity of required painting material at site and get it inspected from the Engineer-in-Charge before start of the item of painting.
24. Cutting of centrifugal cast (spun) iron pipes wherever required shall be done by electric machine. Pipes of different lengths as required will be brought to site.
25. Element of reinforcement as per standard design is included in the item of brick masonry manholes. Therefore, the reinforcement used in the manholes shall not be separately measured for payment under the item of reinforcement.

26. Online Delay Control System in CPWD Works Manual 2019, Para 5.15.3

- (i) The contractor has to first register himself through a registration form available on CPWD website under 'Contractor Login' tab. After registration, User ID and Password will be automatically generated and sent on his registered mobile and email ID. Using this User ID and Password he can access the module and view all the works which are being carried out by him in CPWD and he can register the hindrance against any particular work. After recording the hindrance by the contractor, it will be visible to all concerned officers (JE and above) of that work. An alert through text message and email will be sent to EE.
- (ii) Executive Engineer will first assign the work to the JEs / AEs will give their comments on the hindrance within 2 days. After that, Executive Engineer of the work will have to take appropriate action on the hindrance within next 2 days. The comments of JEs/AEs will not be visible to contractor, only the decision of Executive Engineer on the hindrance will be visible to contractor under 'Decision of the Engineer-in-charge'.

27. 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.
 - (b) In case of concrete and reinforced concrete work, the contractor shall be required to make arrangement for carrying out compression strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same proper curing and carriage up to the laboratory where the test is to be performed. The cube tests can be performed at any laboratory approved by the Engineer-in-Charge.
- 28.** Time allowed for execution of the work provided in clause 5 of Schedule 'F' is inclusive of the time required for any kind of testing of materials and preparation of Design mix of cement concrete for all R.C.C. work, time required for initial load testing / routine load testing of piles and time required for testing of weld etc.

29. Third Party Quality Assurance

The department may decide to engage third party quality assurance system and the contractor shall render all the necessary assistance and render arrangement for the inspection of work similar to clause 16 of agreement. Contractor shall be responsible to attend defect pointed out by CPWD/Third Party Inspection/Client through CPWD even after declaring the building completed. Contractor is responsible to attend the defects pointed out by CPWD or client during defect liability period/guarantee period.

30. Special conditions for Q.A. Plan.Maintenance of Register of Tests:-

- (i) All the registers of tests carried out at Construction site or in outside laboratories is to be maintained by the contractor which will be issued to the contractor by Engineer-in-charge.
- (ii) All Samples of materials including cement concrete cubes shall be taken jointly with contractor by JE. Out of this at least 50% samples shall be taken in presence of JE/AE in charge. If there is no JE, all Samples of materials including cement concrete cubes shall be taken by AE jointly with contractor. All the necessary assistance shall be provided by the contractor. Cost of sample materials is to be borne by the contractor and he/she shall be responsible for safe custody of samples to be tested at site.
- (iii) All the test in field lab setup at construction site shall be carried out by the Engineering Staff deployed by the contractor which shall be 50% witnessed by JE/AE/EE.
- (iv) All the entries in the registers will be made by the designated Engineering Staff of the contractor and same will be regularly reviewed by JE/AE/EE. Contractor shall be responsible for safe custody of all the test registers.

31. 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.

- 32. Earth cutting permission for execution of work from the local administration will be the responsibility of the contractor.**
- 33. Forest clearance permission for execution of work from the local administration will be the responsibility of the contractor.**
- 34. If any supply of earth is involved in execution of work the necessary permission for royalty and cutting etc. at source will be the responsibility of the contractor.**
- 35. 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.**
- 36. The contractor shall procure & submit the samples of all Civil & Electrical items i/c granite stone for the approval of Engineer-in-charge prior to the execution of items.**
- 37. The contractor shall submit final as built drawings for Civil & Electrical work.**
- 38. Royalty shall be deducted / directed as per the Gazette notification issued by the Assam Govt. as per the applicable rates mentioned in order (Gazette notification No. PEM.130/2021/40 dated 07.10.2021) with latest amendments issued time to time**

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 Mix design.

- A. The contractor shall carry out design mixes for each class of concrete meeting the requirements as per specification.
- B. The contractor shall submit proposal of mix designs, one month in advance to commencement of concreting work and charges for design mix shall be borne by the contractor.
- C. The R.C.C. work shall be done with Design Mix Concrete unless specified. In the nomenclature of items, wherever letter M has been indicated, the same shall imply for the Design Mix Concrete. For the nominal mix in RCC, CPWD specifications shall be followed. The Design Mix Concrete will be designated based on the principles given in relevant IS: code. The contractor shall design mixes for each class of concrete indicating the concrete ingredients and proportions that will result in concrete mix meeting requirements specified. In case of use of admixture and or white cement, the mix shall be designed with these ingredients as well. The admixtures shall conform to relevant IS code. The contractor shall not be paid anything extra for admixture required for achieving desired workability.
- D. Cement shall be of PPC grade and shall conform to relevant IS code.

4.0 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.

4.1 In case of rejection of concrete on account of unacceptable compressive strength, governed by the Para "Standard of Acceptance" as above, the work for which samples have failed shall be redone at the cost of contractors. However, the Engineer- in- Charge may order for additional tests (like cutting cores, ultrasonic pulse velocity test, load test on structure, or on part of structure, etc.) to be carried out at the cost of contractor to ascertain if the portion of the structure wherein concrete represented by the sample has been used, can be retained on the basis of results of individual or combination of these tests. The contractor shall take remedial measures necessary to retain the structure as approved by the Engineer-in-Charge without any extra cost. However, for payment, the basis of rate

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payable to the contractor shall be governed by the 28 days cube test results and reduced rates shall be regulated in accordance as per provision in CPWD specifications and conditions cited in this bid document.

5.0 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.

- 5.1** Factory made shutter, as specified shall be obtained from factories approved by the Chief Engineer and shall conform to IS: 2202 (Part-I) 1977. The contractor shall inform well in advance to the Engineer-in-Charge the names and address of the factory where from the contractor intends to get the shutters manufactured.

The contractor will place order for manufacture of shutters only after written approval of the Engineer-in-Charge in this regard is given. The contractor is bound to abide by the decision of the Engineer-in-Charge and recommend a name of another factory from the approved list in case the factory already proposed by the contractor is not found competent to manufacture quality shutters. Shutters will, however, be accepted only, if this meet the specified tests. The contractor will also arrange stage-wise inspection of the shutters at factory by the Engineer-in-Charge or his authorized representative. Contractor will have no claim if the shutters brought at site are rejected by Engineer-in-Charge in full lot due to bad workmanship/quality. Such shutters will not be measured and paid and the contractor shall remove the same from the site of work within 7 days after the written instructions in this regard are issued by Engineer-in-charge or his authorized representative.

- 5.2** Original purchase vouchers and delivery challan from the factory in support of having purchase the factory-made door shutters from the approved factory, shall have to be produced to the Engineer-in-Charge for verification and for record.

6.0 STEEL WORK:

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

7.0 WATER SUPPLY SANITARY INSTALLATION

- 7.1** SCI/PVC pipe and G.I./UPVC pipe wherever necessary shall be fixed to RCC columns, beams etc. with rawl plugs and nothing extra shall be paid for this.
- 7.2** 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.
- 7.3** 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.

8.0 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.

9.0 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 Water proofing items shall be retained as guarantee money to watch the performance of the work done.**00 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.
- e) **The agency must bring 100% of the required chemical/material for waterproofing at site, as per theoretical consumption, after getting it approved in writing by the Engineer-in-Charge. Only after this, the agency can start the waterproofing work.**
- f) **The waterproofing work should be done only by the authorized applicator of the water proofing chemical manufacturer company or by the company itself.**

10.0 MARBLE/GRANITE STONE SLABWORK

- 10.1 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.
- 10.2 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.
- 10.3 The size of tiles/marble stone/Granite stone in dado/skirting is to be provided as shown in Architectural drawings.
- 10.4 For providing granite stone in counters, window sills, kitchen platforms and other similar locations, the rate shall deemed 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 metre, 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.
- 10.5 The colour and shade of the granite and granite tiles shall be decided by the Engineer-in-Charge. No epoxy / colour coated granite shall be permitted.

11.0 CONDITIONS FOR CEMENT

- 11.1 Supply of cement (PPC) 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.
- 11.2 The cement shall be brought at site to bulk supply of approximately 20 tonnes or as decided by the Engineer-in-Charge
- 11.3 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.
- 11.4 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.

- 11.5 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.

12.0 CONDITIONS FOR STEEL

- 12.1 The contractor shall procure TMT bars of Fe 500 D or more of Primary producers.
- 12.2 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.
- 12.3 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.
- 12.4 The steel reinforcement shall be brought to the site in bulk supply of 20 tons or more as decided by Engineer-in-Charge.
- 12.5 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.
- 12.6 The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories.
- 12.7 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.
- 12.8 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.
- 12.9 Before placing the reinforcement bars in position, contractor shall submit the bar bending schedule indicating the shape of bar, type/ designation of bar, number of bars, the diameter bars, quantity of reinforcement etc., as per structural drawing for approval by the Engineer-in-Charge in writing. After the approval of the bar bending schedule by the Engineer-in-Charge, the reinforcement shall be placed in position and thereafter it shall be measured in the measurement book and got test checked of its accuracy before embedding or before placing it beyond the reach of measurement, from the Engineer-in-Charge or his authorized representative. Similar action shall also be taken for all other hidden items. It will be the responsibility of the contractor to bring out to the notice of the Engineer-in-Charge the deviations, if any giving the details of the measurements with locations for approval of the competent authority immediately after it is detected or foreseen.
- 13.0** The MAS Register should include following details at the time of supply / issue of the plants and other materials:
- (i) The details of bills / challans in respect of supply of the plants and other materials.
 - (ii) The details about transportation of the materials / plants at site like Vehicle / Lorry registration no.
 - (iii) Specific location where material / plants displayed / delivered / issued.
 - (iv) Proforma for MAS Register is given :

1. Section / Sub-Division : _____									
2. Name of Work : _____									
3. Name of Article / Item : _____									
4. Estimated Requirements : _____									
5. Issue Rate: _____									
Sl. No.	Date of Receipt (Details of Challan / Bills, Specific location where Plants and Materials received / Vehicle No.	Received from / Issue to	Quantity Received	Date of issue	Specific location where Plants & Materials Displayed / Delivered / Issued	Quantity issued	Balance Quantity	JE/SO (H)/AE/AD(H) (or equivalent) initials	Remarks
1.									

14.0 All works carried out as per CPWD Specifications 2019 Vol – I, Vol - II & DSR2023 Vol I, Vol II in roads works morth specification also be followed.

GENERAL TERMS & CONDITIONS

1. General:

1.1 Wherever any reference to any Indian Standard Specifications of BIS or other international standards of ASTM / BS/EN occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders.

1.2 The contractor shall work according to the programme of work as approved by the Engineer-in-charge, for which purpose, the contractor shall submit a programme of the work within 15 days from the stipulated date of start of the work based on computer software such as MS Project etc. and shall update the same every fortnight.

The contractor shall submit monthly progress report of the work in a computerized form. The progress report shall contain the following, apart from whatever else may be required as specified:

- (i) Project information, giving the broad features of the contract of the work under the contract, and the broad structural or other details.
- (ii) Introduction, giving a brief scope of the work under the contract, and the broad structural or other details.
- (iii) Construction schedule of the various components of the work through a bar chart for the next three quarters (or as may be specified), showing the milestones, targeted tasks and upto date progress.
- (iv) Progress chart of the various components of the work that are planned and achieved, for the month as well as cumulative upto the month, with reasons for deviations, if any, in a tabular format.
- (v) Plant and machinery statement, indicating those deployed in the work, and their working status.
- (vi) Man-power statement, indicating individually the names of all the staff deployed in the work, along with their designations.
- (vii) Financial statement, indicating the broad details of all the running account payments received upto date, such as gross value of work done, advances taken, recoveries effected, amounts withheld, net payments, details of cheque payments received, etc.
- (viii) A statement showing the extra items submitted by the contractor, and the payments received against them, items pending for sanction/decision by the Department, broad details of the Bank Guarantees, indicating clearly their validity periods, broad details of the insurance policies taken by the contractor, if any, the advances received and adjusted.
- (ix) Progress photographs, in colour, of the various items/components of the work done upto date, to indicate visually the actual progress of the work.
- (x) Quality assurance and quality control tests conducted during the month, with the results thereof.
- (xi) Videography at various stages, right from the day of start of work to date of completion/occupation, covering all major events, inspections, visits by dignitaries etc.

1.3 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site.

- 1.4 If as per Municipal or prevailing rules of the secured campuses owned by paramilitary forces, Institutions etc, the huts for labour are not to be erected at the site of work by the contractors, the contractors shall provide such accommodation at such locations as are acceptable to local bodies with all provisions concerning labour safety & sanitation as contained in the relevant clause of the contract, for which nothing shall be payable.
- 1.5 Unless otherwise provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing shall be payable to him on this account.
- 1.6 The architectural layout drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural layout drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.
- 1.7 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restriction/instructions including issue of identity cards to all persons authorized by him to do work /visit the work site and nothing shall be payable on this account.
- 1.8 The contractor shall make his own arrangements for obtaining electric connections, if required, and make necessary payments directly to the department concerned.
- 1.9 The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor (s) or by the Engineer- in-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed, so as not to interfere with the operations of other contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-Charge. The contractor shall be responsible for any damage due to hindrance caused by him.
- 1.10 No claim for idle establishment & labour, machinery & equipment, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
- 1.11 Work shall be carried out in professional manner with finished product serving the intended purpose with specified strength, durability and aesthetics.
- 1.12 Work activities shall be executed in well thought out sequences such that consequent activities not adversely affecting previously done work. Nothing extra shall be payable to protect the works already done.
- 1.13 The contractor shall prepare all the needed shop drawings well in advance and get them approved before placing the order and execution of the item.
- 1.14 The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer - in -Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications.
- 1.15 The contractor shall not store /dump construction material or debris on metalled road.
- 1.16 The contractor shall get prior approval from Engineer-in-charge for the area where the construction material or debris can be stored beyond the metalled road. This area shall not cause any obstruction to the free flow of traffic / inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.

- 1.17 The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot / area using CGI sheets or plastic and / or other similar material etc. to ensure that no construction material dust fly outside the plot area.
- 1.18 The contractor shall ensure that all the trucks or vehicles of any kind which are used for carrying various materials are fully covered. The contractor shall take every necessary precaution that the vehicles are properly cleaned and dust free to ensure that enroute their destination, the dust, sand or any other particles are not released in air / contaminate air.
- 1.19 The contractor shall provide mask to every worker working on the site and involved in loading, unloading and carriage of material or any other installation related works to prevent inhalation of dust particles.
- 1.20 The contractor shall provide all medical help, investigation and treatment to the workers involved in the execution of works if required.
- 1.21 The contractor shall compulsory use of wet jet in grinding and stone cutting.
- 1.22 The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines, 2020 with latest amendments.
- 1.23 The contractor shall ensure that all DG sets comply emission norms notified by MoEF.
- 1.24 The contractor shall use vehicles having pollution under control certificate. The emissions can be reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.
- 1.25 The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.
- 1.26 Shall ensure that there is no littering or deposition so as to prevent obstruction to the traffic or the public or drains.
- 1.27 The agency has to comply “Contractor & Demolition Waste Management Rules, 2016” and nothing extra will be payable.
- 1.28 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, from the testing laboratories as approved by ADG/SDG time to time.

Except for the items, for which Particular Specifications are given or where it is specifically mentioned otherwise in the description of the items in the schedule of quantities, the work shall generally be carried out in accordance with the “CPWD Specifications 2019 Vol. I & II” with upto date correction slips, additional/ Particular Specifications, Architectural/ structural drawings and as per instructions of Engineer-in- Charge. The several documents forming the tender are to be taken as mutually complementary to one another. Detailed drawings shall be followed in preference to small scale drawings and figured dimensions in preference to scaled dimensions.

Should there be any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and I.S. Codes etc., the following order of preference shall be observed :

- (i) Description of Schedule of Quantities
- (ii) Particular Specifications and Special Conditions, if any.
- (iii) Drawings
- (iv) CPWD Specifications.
- (v) Indian Standard Specifications of B.I.S.
- (vi) Manufacturers’ specifications & as decided by Engineer-in-charge.

“In the event of any variation/ discrepancy in the drawings, specifications and tender documents etc. the decision of the Engineer-in-charge shall be final binding and conclusive on the contractor and in the case the contractor have any doubt and the same should be got clarified immediately from the Engineer-in-charge and no claim of the contractor shall be entertained thereafter. Moreover, the agency is not allowed to take benefit out of any clerical/ grammatical mistake in the standard clauses/ Schedule of Quantities/ Specifications etc. being used in the agreement”.

The works to be governed by this contract shall cover delivery and transportation upto destination, safe custody at site, insurance, erection, testing and commissioning of the entire works.

The works to be undertaken by the contractor shall inter alia include the following:

- i. Preparation of detailed SHOP drawings and AS BUILT drawings wherever applicable.
- ii. Obtaining of Statutory permissions where-ever applicable and required.
- iii. Pre-commissioning tests as per relevant standard specifications, code of practice Acts and Rules wherever required.
- iv. Warranty obligation for the equipment and/or fittings/ fixtures supplied by the contractor.

Contractor shall provide all the shop drawings or layout drawings for all the co-ordinated services before starting any work or placing any order for any of the services etc. These shop drawings/layout drawings shall be got approved from Engineer-in-charge before implementation and this shall be binding on the contractor. The contractor shall submit material submittals along with material sample for approval of Engineer-in-charge prior to delivery of material at site.

Any reference made to any Indian Standard Specifications, shall imply to the latest version of that standard, including such revisions/ amendments as issued by the Bureau of Indian Standards upto last date of receipt of tenders. **The Contractor shall keep at his own cost all such publications including relevant Indian Standard Codes applicable to the work at site.**

Samples including brand/ quality of materials and fittings to be used in the work shall be got approved from the Engineer-in-Charge, well in advance of actual execution and shall be preserved till the completion of the work.

The contractor, his authorized representative, workmen etc. shall strictly observe orders pertaining to fire precautions prevailing in the area.

The tenderer shall see the approaches to the site. In case any approach from main road is required at site or existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost.

Contractor shall take all precautionary measures to avoid any damage to adjoining property. All necessary arrangement shall be made at his own cost.

The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all damages and accidents caused to work due to negligence on his part. No hindrances shall be caused to traffic, during the execution of the work.

The contractor shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place.

The contractor shall provide at his own cost suitable weighing, measuring arrangements as may be necessary at site for checking. All such equipment shall be got calibrated in advance from laboratory, approved by the Engineer-in-Charge. Nothing extra shall be payable on this account.

The contractor should submit the shop drawing of furniture for approval of Engineer-in- Charge before actually commencing the execution of work under the item. Nothing extra shall be payable on this account.

Other agencies may also simultaneously execute and install the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such recesses, holes, openings, trenches etc. as may be required for such related works (for which inserts, sleeves, brackets, conduits, base plates, clamps etc. shall be available as specified elsewhere in the contract) and the contractor shall fix the same at the time of casting of concrete, stone work and brick work, if required, and nothing extra shall be payable on this account.

All material shall only be brought at site as per program finalized with the Engineer-in- Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.

The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and approval of the same before use in the work.

The contractor shall be responsible for the watch and ward/ guard of the furniture, safety of all fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the client department. No extra payment shall be made on this account.

The contractor shall be fully responsible for the safe custody of materials brought by him/ issued to him even though the materials may be under double lock key system.

For works which are likely to generate malba/ rubbish/ packing material, contractor shall dispose of the same & other unserviceable materials and wastes at his own cost to the notified specified dumping ground and under no circumstances these shall be stacked/ dumped even temporarily, outside the construction premises.

The rates quoted by the Contractor are deemed to be inclusive of site clearance, setting out work, profile, establishment of reference bench mark(s), taking spot levels, construction of all safety and protection devices, barriers, preparatory works, working during monsoon, working at all depths, height, lead, lift and location etc until/ unless specified otherwise and any other incidental works required to complete this work. Nothing extra shall be payable on this account.

The Contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by any statutory body shall be adhered to, by the contractor, during the execution of work. The Contractor shall also adhere to all traffic restrictions notified by the local authorities. It is clarified that the extra sewerage charges (one time charges for commencement of work) required to be paid to the Municipal Corporation/ other statutory bodies shall be paid by the department and need not be considered by the contractor. The water charges (for municipal water connection as well as tanker water) shall be borne by the contractor. Also, if the contractor obtains water connection for the drinking purposes from the municipal authorities or any other statutory body, the consequent sewerage charges shall be borne by the contractor. All statutory taxes, levies, charges (including water and sewerage charges, charges for temporary service connections and / or any other charges) payable to such authorities for carrying out the work, shall be borne by the Contractor. The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and shall pay to such authority all the fees that is required to be paid for the execution of work. He shall protect and indemnify the Department and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders, decrees, by himself or by his employees or his authorized representatives. Nothing extra shall be payable on these accounts. The fee payable to statutory authorities for obtaining the various permanent service connections and Occupancy Certificate for the building shall be borne by the Department.

The Contractor shall conduct his work so as not to interfere with or hinder the progress of the work being performed by other Contractors or by the Engineer-in-Charge. As far as possible, he shall arrange his work and place, so as not to interfere with the operations of other Contractors or shall arrange his work with that of the others, in an acceptable and coordinated manner and shall perform it in proper sequence.

The Contractor shall assume all liability, financial or otherwise in connection with this contract and shall protect and indemnify the Department from any and all damages and claims that may arise on any account. The Contractor shall indemnify the Department against all claims in respect of patent rights, royalties, design, trademarks of name or other protected rights, damages to adjacent buildings, roads or members of public, in course of execution of work or any other reasons whatsoever, and shall himself defend all actions arising from such claims and shall indemnify the Department in all respect from such actions, costs and expenses. Nothing extra shall be payable on this account.

The Contractor shall make all necessary arrangements for protecting from rains, the work already executed and for carrying out the further work, during rains including providing and fixing temporary shelters, protections etc. Nothing extra shall be payable on this account. Also, no claims for hindrance shall be entertained on this account.

In case of flooding of site on account of rain or any other cause and any consequent damage, whatsoever, no claim financially or otherwise shall be entertained notwithstanding any other provisions elsewhere in the contract agreement. Also, the Contractor shall make good, at his own cost, the damages caused, if any.

The Contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupants of the adjacent properties and to the public in general. The Contractor shall take all care, as not to damage any other adjacent property or other services running adjacent to the plot. If any damage is done, the same shall be made good by the Contractor at his own cost and to the entire satisfaction of the Engineer-in- Charge. The Contractor shall use such methodology and equipment for execution of the work, so as to cause minimum environmental pollution of any kind during execution of work, to have minimum execution time and minimum inconvenience to road users and to the occupants of the buildings on the adjacent plot and public in general, etc. He shall make good at his own cost and to the entire satisfaction of the Engineer in Charge any damage to roads, paths, cross drainage works or public or private property whatsoever caused, due to the execution of the work or by traffic brought thereon, by the Contractor. Further, the Contractor shall take all precautions to prevent any pollution of streams and waterways. All waste or superfluous materials shall be carted away by the Contractor, entirely to the satisfaction of the Engineer-in- Charge. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants/ users of adjoining buildings. No claim what so ever on account of site constraints mentioned above or any other site constraints not specifically stated here, shall be entertained from the Contractor. Therefore, the Contractors are advised to visit site and get first hand information of site constraints. Accordingly, they should quote their tenders. Nothing extra shall be payable on this account.

All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison and pursuing for obtaining various No Objection Certificates, completion certificates from local bodies etc., protection works, barricading, testing facilities, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor, for various items in the schedule of quantities. Nothing extra shall be payable on these accounts. The Contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc under various labour laws and other regulations applicable to the works, at his site office.

No tools and plants including any special T&P etc. shall be supplied by the Department and the Contractor shall have to make his own arrangements at his own cost. No claim of hindrance (or any other claim) shall be entertained on this account.

The Contractor shall cooperate with and provide the facilities to the associate- Contractors and other agencies working at site for smooth execution of the work. The Contractor shall

- Allow use of scaffolding already erected, toilets, sheds etc.
- Properly co-ordinate their work with the work of other Contractors.

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- Provide control lines and benchmarks to his associate-Contractors and the other Contractors.
- Provide electricity and water at mutually agreed rates.
- Provide hoist and crane facilities for lifting material at mutually agreed rates
- Co-ordinate with other Contractors for leaving inserts, making chases alignment of services etc. at site.
- Adjust work schedule and site activities in consultation with the Engineer-in- Charge and other Contractors to suit the overall schedule completion.
- Resolve the disputes with other Contractor amicably and the Engineer- in-Charge shall not be made intermediary or arbitrator. The contractor shall indemnify the Department against any claim(s) arising out of such disputes.

Unless otherwise specified in the schedule of quantities or CPWD specifications, the rates for respective items shall be all inclusive and apply to the following: -

- (i) All lifts & all heights, floors including terrace, leads and depths.
- (ii) All labour, material, tools and plants and other inputs involved in the execution of the item.
- (iii) Any of the conditions and specifications mentioned in the tender documents.
- (iv) Performance test of the entire installation(s) before the work is finally accepted.
- (v) All incidental charges for cartage, storage and safe custody of materials brought to site.
- (vi) All local taxes, Entry taxes, and all other taxes State government and central taxes.

SAMPLE OF MATERIALS:

All materials and fittings brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work. If a particular brand of material is specified in the item of work in Schedule of Quantity, the same shall be used after getting the same approved from Engineer-in-Charge. Wherever brand/ quality of material is not specified in the item of work, the contractor shall submit the samples as per **List of Approved Makes** for approval of Engineer-in-Charge. For all other items, ISI Marked materials and fittings shall be used with the approval of Engineer-in-Charge. Wherever ISI Marked material/ fittings are not available, the contractor shall submit samples of materials/ fittings manufactured by firms of repute conforming to relevant Specifications or IS codes for the approval of Engineer-in-Charge.

To avoid delay, contractor should submit samples as stated above well in advance so as to give timely orders for procurement. If any material, even though approved by Engineer- in- Charge is found defective or not conforming to specifications shall be replaced/ removed by the contractor at his own risk & cost.

BIS marked materials except otherwise specified shall also be subjected to quality test besides testing of other materials as per the specifications described for the item/material. Wherever BIS marked materials are brought to the site of work, the contractor shall, furnish manufacturer's test certificate or test certificate from approved testing laboratory to establish that the material procured by the contractor for incorporation in the work satisfies the provisions of specifications relevant to the material and / or the work done.

BIS marked items (except cement & steel for which separate provisions have been made) required on the work shall be got tested for only important tests, which govern the quality of the product, as decided by the Engineer-in-Charge. The frequency of such tests (except the mandatory test) shall be 5% of the frequency as specified in BIS. For mandatory test, frequency shall be as specified in the CPWD Specifications.

For certain items, if frequency of tests is neither mentioned in the CPWD Specifications & BIS, then tests shall be carried out as per decision of Engineer-in-Charge.

LABOUR AND SECURITY :

Contractor should provide his plan for labour huts as per his requirement and get it approved from the Engineer-in-Charge. The contractor will be provided space for labour huts etc. inside the campus but the space requirement and location, as assessed by Engineer-in- Charge shall be final and binding.

Contractor has to follow the security requirement of the campus and obtain necessary entry passes for the labour and vehicles and follow security checks at entry / exit gates, restriction on movement of vehicle, restricted timings of working etc. The Department however shall assist the contractor in obtaining such passes for movement of vehicles and labour. No claim whatsoever shall be entertained on account of delay
Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil Sr' D/Man (C) AE (P)

in entry of vehicles and labour including restrictions in working hours, if there is any. The contractor shall employ only Indian Nationals after verifying their antecedents and loyalty. The contractor shall, on demand submit list of his agents, employees and work people concerned & shall satisfy as to the bonafides of such people.

The contractor & his work people shall observe all relevant rules regarding security promulgated in which work is to be carried out by the Controlling Administrative Authority of the campus/area (hereinafter referred to as “Administrator”).

The contractor, his representative, workman shall be allowed to enter through specified gates & timing as laid down by the controlling authority. They shall be issued an identity card or an individual pass in accordance with the standing rules & regulations & they should possess the same while working. The contractor shall be responsible for the conduct & actions of his workmen, agents/ representatives.

Normally contractor shall be allowed to carryout work between 7 AM to 6 PM. However, he may also be allowed to carryout the work beyond 6 PM & upto 7 AM if the site conditions/ circumstances so demand with prior written permission from the “Administrator”. However, if the work is carried out in more than one shift or at night, no claim on this account shall be entertained.

Normally contractor’s material/ vehicles etc shall be allowed to move in / go-out between 7 AM to 7 PM only & no movement of material/ vehicles out of site of work shall be allowed during night hours unless specific permission is obtained from the “Administrator”.

In case if a separate entry has been allowed, the contractor has to make all arrangement for making a separate entry gate and barricading of the working area to segregate/ separate the same from other areas. All these have to be done by the contractor at his own cost including safeguarding any untoward incident in the restricted area due to separate entry gate and barricading arranged by the contractor. No extra amount on this account shall be payable by the department.

DOCUMENTATION

The Contractor shall render all help and assistance in documenting the total sequences of this project by way of photography, slides, audio/ video recording & other records etc. Nothing extra shall be payable to Contractor on this account. However, cost of photographs, slides, audio/ video graph etc. shall be borne by the Department. The original films shall be the property of the Department. No copy shall be prepared without the prior approval of the Engineer-in-Charge.

PROGRAM CHART:

The Contractor shall prepare an integrated program chart for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the program within the stipulated period or earlier and submit the same for approval of the Engineer-in-Charge within **15 days** of the issue of letter of acceptance for the contract. This program chart should clearly indicate that work will simultaneously be started on all different locations of Class rooms and hostels. The integrated program chart so submitted should not have any discrepancy with the milestones attached in the Contract Agreement.

The work has to be completed in stages as indicated in the Milestones **under Schedule ‘F’** and the program should be prepared in such a manner to achieve these Milestones as indicated therein or earlier.

The program chart should include the following : -

- Descriptive note explaining sequence of various activities.
- Network (PERT/ CPM/ BAR CHART) prepared on MS project which will indicate resources in financial terms, manpower and specialized equipment for every important stage.
- Program for procurement of materials by the contractor.
- Program of procurement of machinery/ equipment having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor.

Correction...Nil Deletion... Nil Insertion...Nil Over writing... Nil Sr’ D/Man (C) AE (P)

If at any time, it appears to the Engineer-in-Charge that the actual progress of work does not conform to the approved program referred above, the contractor shall produce a revised program showing the modifications to the approved program by additional inputs to ensure completion of the work within the stipulated time.

The submission of revised program or approval by the Engineer-in-Charge of such program or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract. This is without prejudice to the right of Engineer-in-Charge to take action against the contractor as per terms and conditions of the agreement.

Notwithstanding the fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and/or extra amounts for any other reason.

PROGRESS AND MONITORING OF WORK:

Apart from the above integrated program chart, the contractor shall be required to submit monthly progress report of the work in a computerized form. The progress report shall contain the following, apart from whatever else may be required as specified:

- i. Execution schedule of the various components of the work through a bar chart for the next threequarters (or as may be specified), showing the milestones, targeted tasks and up to date progress.
- ii. Progress chart of the various components of the work that are planned and achieved, for the month as well as cumulative up to the month, with reason for deviations, if any in a tabular format.
- iii. Plant and machinery statement, indicating those deployed in the work.
- iv. Man-power statement, indicating individually the names of all the staff deployed on the work, along with their designations.
- v. Financial statement, indicating the broad details of all the running account payment received up to date, such as gross value of work done, advances taken, recoveries effected, amount withheld, net payments details of cheque payment received etc.

For completing the work in time, the Contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, notwithstanding the fact that the Contractor may have to pay extra amounts for any reason, to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour and other statutory bodies regulations and the agreement entered upon by the Contractor with them.

The work should be planned in a systematic manner so that chase cuttings in the walls, ceilings and floors is minimized. Wherever absolutely essential, the chase shall be cut using chase cutting machines. Chases will not be allowed to be cut using hammer/ chisel.

The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor(s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed so as not to interfere with the operations of other contractor or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-charge.

The Contractor shall do proper sequencing of the various activities by suitably staggering the activities within various pockets in the plot and at different plots so as to achieve early completion. The agency may deploy adequate equipment, machinery and labour as required for the completion of the entire work within the stipulated period specified. Also ancillary facilities shall be provided commensurate with requirement to complete the entire work within the stipulated period. Nothing extra shall be payable on this account. Adequate number/ sets of equipment in working condition, along with adequate stand-by arrangements, shall be deployed during entire construction period. It shall be ensured by the Contractor that all the equipment, Tools & Plants, machineries et c. provided by him are maintained in proper working conditions at all times during the progress of the work and till the completion of the work. Further, all the tools, plants, equipment and machineries provided by the Contractor, on site of work or his work, shall be exclusively intended for

use in the execution of this work and they shall not be shifted/ removed from site without the permission of the Engineer-in-Charge.

SAMPLE WORK:

The contractor shall submit one sample of each article of furniture complete in all respect. The procurement for all furniture shall be done by the contractor only after the approval of the sample furniture.

Defect liability:

The contractor's liability during the defect liability period from the final date of completion as per clause 17 shall be limited to rectification of defects including replacement as follows which in the opinion of Engineer-in- Charge are not manmade.

Sl. No.	Description	Defect
(i)	Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati, Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel)	Rectification by change of parts of similar specification, color, texture, paint etc./ Replacement of defective part of Furniture.

Above list is not exhaustive but is only indicative.

SAFETY MEASURES

Contractor shall take all precautionary measures to avoid any damage to adjoining property. All necessary arrangement shall be made at his own cost.

SECRECY

The contractor shall take all steps necessary that all persons employed on any work in connection with the contract have notice that the Indian Official Secrets Act 1923 applies to them & will continue so to apply even after the execution of such works under the contract.

The contract is confidential and must be strictly confined to the contractor's own use (except so far as confidential disclosure to sub-contractors or suppliers as necessary) and to the purpose of the contract.

All documents, copies thereof & extracts there from furnished to the contractor shall be returned to the Engineer-in-Charge on the completion of the work/ works or the earlier determination of the contract.

SPECIAL CONDITIONS FOR FURNITURE

1.0 Furniture Specifications :

1.1 Extent and Intent:

The furniture manufacturers shall have the certification of ISO 9001, ISO 14001, ISO 45001, ISO 50001, BIFMA membership, BIFMA X 5.1 CERTIFICATE issued by ISO/IEC 17025 accredited for the tests listed in the BIFMA Compliant Program, AIOTA Certificate & UV greenguard by CII / Indoor air advantage certificate by SCS global as applicable.

The certificates of above compliance shall be given while submitting the technical data sheet / model No. etc. to EE, GD before supply or manufacturing the furniture at the factory. The decision of Engineer-In-Charge shall be final and binding to the contractor.

1.2 General:

Furniture shall be of sizes, section details as shown on the Photographs and as mentioned in schedule of quantity. The details shown and mentioned indicate **generally** the sizes of the component parts and general standards. These may be varied slightly to suite the standard adopted by the manufacturers. Before proceeding with any manufacturing, the contractor shall prepare and submit complete manufacturing and fixing drawings for approval of the Engineer- in-Charge and no work shall be performed until the approval of these drawings is obtained

1.3 Shop Drawings:

The contractor shall submit the shop drawings of furniture, based on the photographs and schedule of Quantities to the Engineer-in-Charge for his approval. The shop drawing shall show full size sections of component parts etc. thickness of members details of construction, sub frame/rough ground profile, anchoring details hardware, jointing etc.

1.4 Samples:

Samples of material such as Boards, Beadings etc. and fittings/ fixture such as hinges, sliders, nuts, bolts, locks etc. of available colours, shades etc. shall be submitted to Engineer- in-Charge for his approval. They shall be of sizes, types etc. as decided by Engineer-in- Charge. All samples shall be provided at the cost of the contractor.

Handling and Stacking:

1.5 Fabricated materials shall be carried in an approved manner to protect the material against any damage during transportation. The loading and unloading shall be carried out with utmost care. On receipt of material at site, it shall be carefully examined to detect any damaged pieces. Arrangements shall be made for expeditious replacement of damaged pieces/ parts. Materials found to be acceptable on inspections shall be repacked in crates and stored safely.

1.6. **Acceptance Criteria:** The entire responsibility for the quality of work will rest with the contractor only. The furniture work shall carry **Five years guarantee** after completion of work against unsound material, workmanship and defective epoxy powder coating as per Guarantee Bond. Five years guarantee in prescribed Performa attached under must be given by the contractor, in token of his overall responsibility. **5% (Five percent) of the cost of these items would be retained as additional security deposit and the amount. 50% of the additional security deposit so deducted will be released after two years from the date of completion of the entire work under the agreement and remaining 50% will be released from the date of completion of the entire work under the agreement, if the performance of the items is found satisfactory.** If any defect is noticed during the guarantee period, the contractor should rectify it within seven days and if not attended to the same will be got done from another agency at the risk and cost of contractor. However, this security deposit can be released in full if bank guarantee of equivalent amount having validity guarantee period plus Six months is produced and deposited with the department.

1.7 Rates:

1.7.1 The rates of the item shall include the cost of materials, labour required in all the above operations.

Note: Colours/Shades/combination of colours of the material/ furniture, tapestry etc. shown in the photographs are for suggestions only. Engineer-in-Charge reserves the right to choose from available Colours/Shades/combination of colours and nothing extra will be payable on this account.

**GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR REMOVAL
OF DEFECTS AFTER COMPLETION IN RESPECT OF FURNITURE WORK.**

The agreement made this.....day of year two thousand and.....between
..... (Hereinafter called the Guarantor of the one part)
and the PRESIDENT OF INDIA (Hereinafter called the 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 work in the said contract structurally
sound, of good work man-ship, finishing and use of sound materials.

AND WHEREAS THE GURANTOR agreed to give guarantee to the affect that the said work will remain
structurally stable and guaranteed against faulty workmanship, finishing and materials.

NOW THE GURANTOR hereby guarantee that work executed by him will remain structurally stable after
the expiry of maintenance period prescribed in the contract for the minimum life of the five years to be
reckoned from the date after the expiry of maintenance period prescribed in the contract.

The decision of the Engineer-in-Charge with regard to nature and cause of defect shall be final.

During this period of guarantee, the guarantor shall make good all defects to the satisfaction of 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 Guarantors risk and cost. 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 make good all the defects, commits breach thereunder; 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 GUARNATOR 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 obligator
..... andBy..... For and on behalf of the PRESIDENT OF INDIA on
the day, month and year first above written.

SIGNED, sealed and delivered by OBLIGATOR in the presence of :

1. 2. SIGNED
FOR AND ON BEHALF OF THE PRESIDENT OF INDIA

By in the presence of :

1. 2.

LIST OF MATERIALS OF PREFERRED MAKE

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 are not available in the market, contractor shall submit alternative proposal to Engineer-in-Charge for the approval of NIT approving authority.

LIST OF ACCEPTABLE MAKES OF CIVIL WORK		
SI No.	Materials	Brand / Manufacturer Name
1	(i) Ordinary Portland Cement – 43 Grade	ACC, Ambuja Cement, Dalmia, Ultratech Cement, J.K. Cement, Ramco Cement.
	(ii) Portland Pozzolona Cement	ACC, Ambuja Cement, Dalmia, Ultratech Cement, J.K. Cement, Ramco Cement.
	(iii) White Cement	Birla White, J.K. White
2	Reinforcement Steel	SAIL, Tata Steel Ltd., RINL, JSW NEO, Jindal (Panther) Steel Power Ltd.
3	Water Proofing Compounds,	Fosroc, Pidilite Industries, Asianpaints, Berger.
4	Admixtures, Plasticizer, Super Plasticizer,	Fosroc, Pidilite Industries, Ardex Endura, CICO, Asianpaints, Berger.
5	Curing Compounds	Fosroc, Pidilite Industries, Asianpaints, Berger
6	Integral Water Proofing compound with cement (For Plaster & Mortar)	Fosroc :Conplast 421, Dr. Fixit : LW+, Sika :Sikacin Asianpaints , Berger,
7	Water proofing for roof/bathroom/toilet/ balcony, tanks & other wet areas	Fosroc : Brush Bond, Dr. Fixit :Pidifine 2K, Sika :Nito Bond, Asianpaints, Berger
8	RMC plant	Ultratech, Prism Johnson,RDC
9	Waterproofing HDPE Membrane for raft and retaining wall	Pidilite, Fosroc, Asianpaints, Berger
10	Waterproofing for self-adhesive membrane (retaining wall)	Pidilite, Asianpaints, Berger
11	Waterproofing of roof and podiums with PU/Polyisoprene	Pidilite, Asianpaints, Berger
12	Food Grade epoxy for tanks	Pidilite, Asianpaints, Berger
13	Coal Tar Epoxy	Pidilite, Fosroc, Asianpaints, Berger
14	Grouts, Tile Adhesive	Latecrete, Kerokoal, Ardex Endura, Asianpaints Berger
15	Structural Steel	SAIL, Tata Steel, Rashtriyaspat Nigam Ltd. (RINL) and JSW Steel Ltd (Neo Steel),Jindal Steel & Power Ltd (Panther).
16	Steel door frames as per design	Apollo steel pipes, Jindal,Tata
17	Polycarbonate sheet	GE Plastic, LEXAN, DPI Daylighting
18	Profile steel sheet (Precoated)	Ezydeck of TATA, Essar Steel, SAIL, Spectrum, JSW
19	Ply Board	Action TESA, Greenlam, Century
20	WPC (Wood Polymer Composite) board	Rajshri & equivalent
21	Laminated Particle Board/Laminates	Action TESA, Century Ply, Merino

22	Flush door shutters	Merino, Duro, Century, Durian
23	Fire Rated Doors	Signum Fire Protection, ASES, Navair
24	Fire Door Hardware	Dorma, GEZE, ASES, OZONE
25	False Ceiling System	Armstrong, Aerolite, Hunter Douglas, Knauf Gypsum Pty Ltd..
26	Plywood/Veneer	Century, Merino.
27	Melamine Polish	Asian Paints Melamine Gold, Wudfin of Pidilite, Timbertone of ICI Dulux.
28	Modular kitchen and furniture items	Godrej, Jindal Stainless Steel, Mettas Life Style, Hermon Miller
29	Floor Spring & Door Closure	Godrej, Dorma, Hafele, Geze, Kich
30	(a) Aluminium Section	Hindalco, Jindal, Bhagwati Sai
	(b) Anodised Aluminium Hardware (Heavy Duty)	Kinlong, Classic, Ebco, Ozone
	(c) Aluminium sliding door roller etc.	TPI, Classic
31	Clear/Float/Frosted/Reflective/ Coated Glass / Toughened / Lacquered glass	Saint Gobain, Modiguard
32	Stainless Steel Railing, Accessories etc.	TATA, JINDAL, Dorma, Hardwyn
33	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, Towerbolt &	Jindal, Dorma, Ozone, Prayag.
34	Aluminum Door & Window Fittings/ Hardware	Global, Jindal, Dorma, Ebco,
35	Silicon based water repellant/Weather sealant	G.E. Plastics, Dow Corning, (Wacker), BASF, Pidilite (Dr. Fixit/Roff)
36	Poly-Sulphide Sealant	Fosroc, Pidilite, Berger
37	Mosaic tiles/Chequered Tiles	Ultra Tiles, Kajaria, Johnson
38	Ceramic Tiles	Kajaria, Somany, Johnson, RAK
39	Vitrified Tiles (Antiskid/Matt/Glazed)	Kajaria, Somany, Johnson, RAK
40	Dash/Anchoring Fasteners	HILTI, Fischer, Bosch
41	Cement Based Wall Putty	Birla wall care, JK White
42	Oil Bound Washable Distemper/Dry Distemper	Asian Paints (Professional Acrylic Distemper), Nerolac : Beauty Acrylic Distemper Berger : Bison Acrylic Distemper Dulux ICI : Maxilite
43	1 st Quality Acrylic Distemper (washable/Ready Mix/Low VOC)	Asian Paints (Tractor Aqua Lock Paint) Berger : Commando, Dulux, Nerolac
44	Premium Acrylic Emulsion Paints (Interior)	Asian Paints (Royale Luxury Emulsion) Nerolac : Impression Berger : Silk Dulux : Velvet touch
45	Textured Exterior Paint	Asian paints, Nerolac, Berger Paints
46	Premium Acrylic Smooth Exterior Paint with silicon additive	Asian Paints : (Apex Ultima) Nerolac : XL Total Berger : Weather Coat all guard Dulux : Weather Shield max

47	Synthetic Enamel Paint	Asian (Apolite Premium gloss enamel), Nerolac : Synthetic Hi gloss Berger :Luxol Hi gloss Dulux : Gloss Synthetic enamel
48.	Cement Primer	Nerolac, Berger, BP White (Berger), Decoprime WT (Asian), White Primer, Dulux.
50.	Wood Primer	Asian Paints (Wood Primer- White/Pink), Berger,Dulux, Nerolac.
51.	Epoxy Paint	Asian, Dulux, Wintech, Nova
52.	Fire Paint	Asian Paint, Akzo Nobel Coatings India Ltd. PROMAT, Jotun
53.	G.I./M.S. Pipe	Tata, Jindal (Hisar)
54.	G.I. Fittings	Unik, Zoloto, Jindal (Hisar)
55.	HDPE Pipes	ORIPLAST, Supreme
56.	DI Pipes	Electosteel, Jindal, Tata Ductura, Kesoram, Kapliash
57.	DI Fittings	Electosteel, Jindal, Tata Ductura, Kesoram, Kapliash
58.	uPVC pipe and fittings	Astral, Ashirwad, Prayag, Fusion,Qutone, Ashoka
59.	Centrifugally Cast (spun) Iron / Hubless pipes & fittings	NECO, Electrosteel
60.	C.I. Manhole covers, frames & GI gratings	NECO, SKF
61.	SFRC Manhole covers & gratings	KK, JAIN, PARGATI
62.	CP Brass fittings	Grohe, Hindware, Asian paints, Kohler, Roca
63.	Sanitary ware, Fittings & accessories	Jaquar, Hindware, Asian paints, Prayag
64.	Mirror Glass	Atul, Modi Guard, Golden Fish, Saint- Gobain,
65.	CPVC pipe & Fitting	Astral, Ashirwad, Prayag, Fusion, Ashoka
66.	Stainless Steel Sink	Neelkanth, Jindal, Cera, Prayag
67.	uPVC doors & Windows	Duroplast, Simta Astrix, Venster/Okotech Plastone, Fenesta, Rehau, Kommerling
68.	uPVC doors and window hardware	Oben, Kinlong, Cotswold, GU, Rotto
69.	Extruded Polystyrene Insulation Board/Sheet	Dowcorning, Supreme, Texas, Analco, Aerolam.
70.	Heat Resistant Tiles	Swastik, Thermatek
71.	Gypsum Plaster	Ferrous Crete, Gyproc
72.	External plaster (Polymer modified white cement based matt finish putty)	Birla white level plast, J.K. Coarse Putty
73.	Floor hardener	Ironite, Ferrok, Hardonate
74.	Modular expansion joint	Herculus, Sanfield India Ltd. Vexcolt, VSIL, DECG International
75.	Glass Wool	Dow Corning, U.P. Twigra, Isover
76.	AAC Block Adhesive	Ultratech, Ardex Endura, Ferrous Crete

77.	AAC Block	Utralyte, Green AAC Block, Superlite
78.	Fiber Cement Board	Bison (NCL), Everest,
79.	Spider Fittings	Dorma, Godrej, Hettich
80.	RIGID cellular GEOFOAM	Modi Foam, Vishalfoam
81.	Modular toilet Cubical	Merino, Greenlam,
82.	Glass Shower enclosure	Jaquar, Ozone, Dorma
83.	EPDM & Silicon Gasket	Ame Rubber, Osaka, Eltech, Avigiri
84.	Paver Blocks	Mawroh concrete & pavers, HERO pavers.
85.	PVC water storage tank	Sintex, Supreme, Prayag
86.	FRP Door frames	Jaina, Fiberways, Rajshri
87.	Aluminium Profile	Jindal, Hindalco, Bhagwati Sai
88.	Textured Paint	Asian Paint, Berger
89.	Laminate/HPL	Century, Greenlam, Marino
90.	Metal False Ceiling	Royal Kraft, Bollard
91.	ACP (Aluminium Composite Panel, AHP (Aluminium Honeywell Panel), ZCP (Zinc Composite Panel), Silicon Adhesive, Laminates, Tile Adhesive & Grouts & Water Proofing Compound)	Alstrong, Alstone
92.	PTMT bath accessories	Prayag, vectus
93.	GRG Ceiling Tile	USG Boral, Saint Gobain ,
94.	Metal Louvers	Royal Kraft ,Alstone, bollard
95.	FURNITURE	Godrej, Rockworth, Haworth, Herman Miller
96.	Kitchen Chimney	Faber, Glen, Kaff
97.	Kitchen HOB (Burner)	Faber, Glen, Kaff
98.	Commercial Kitchen Equipment	IBS, Rajas Satva, Recaho, Rockworth
99.	Modular Kitchen	Godrej, Rockworth, Hafele, Nolte

Note :

- Where 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.
- 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.
- All other items shall be of ISI marked/ as per approved sample kept at site of work.

SCHEDULE OF QUANTITY

Name of the Work:- Construction of Girls' Hostel Building and Pump House including Internal Electrical Installations, Fans & Fittings, and E&M Services for IASST, Paschim Boragaon, Garchuk, Guwahati,

Assam. (SH: Supply and Installation of Furniture for Creche Room, Common Room and Providing View Cutter in Front of Girls' Hostel)

SLNo	Description	Qty	Rate	Unit	Amount
1	EARTH WORK				
1.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
1.1.1	All kinds of soil	7.00	177.5	cum	₹ 1,243.00
1.2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	7.00	196.00	cum	₹ 1,372.00
2	CONCRETE WORK				
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2.1.1	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources: 10 graded stone aggregate 40 mm nominal size derived from natural sources).	1.00	6518.6	cum	₹ 6,519.00
3	REINFORCED CEMENT CONCRETE				
3.1	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 :				
3.1.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	3.30	9045.75	cum	₹ 29,851.00
3.3	Centering and shuttering including strutting, propping etc. and removal of form for				
3.3.1	Foundations, footings, bases of columns, etc. for mass concrete	10.00	392.15	sqm	₹ 3,922.00
3.3.2	Columns, Pillars, Piers, Abutments, Posts and Struts	15.00	961.30	sqm	₹ 14,420.00
4	MASONRY WORK				
4.1	Brick work with flyash F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
4.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	7.00	7370.65	cum	₹ 51,595.00

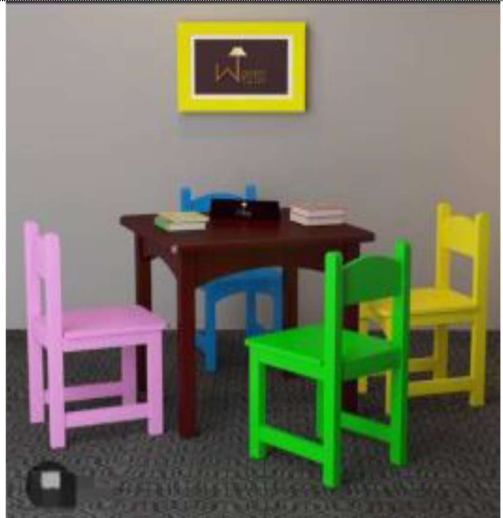
5	STEEL WORK				
5.1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	170.00	133.7	Sqm.	₹ 22,729.00
5.2	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
5.2.1	Hot finished welded type tubes	2202.00	194.4	kg	₹ 4,28,069.00
5.3	Providing and fixing stainless steel (Grade 316) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	595.00	772.4	kg	₹ 4,59,578.00
6	SH: FINISHING				
6.1	12 mm cement plaster of mix:				
6.1.1	1:4 (1 cement: 4 fine sand)	26.00	347.05	Sqm	₹ 9,023.00
6.2	15 mm cement plaster on the rough side of single or half brick wall of mix:				
6.2.1	1:6 (1 cement: 6 fine sand)	26.00	383.00	sqm	₹ 9,958.00
6.3	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
6.3.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	51.00	171.10	sqm	₹ 8,726.00
6.4	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete				
6.4.1	On steel work	50.40	241.75	sqm	₹ 12,184.00
6.4.2	On concrete work	56.00	235.15	sqm	₹ 13,168.00

6.5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
6.5.1	Two or more coats on new work	18.36	155.90	sqm	₹ 2,862.00	
6.6	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.	51.00	156.05	sqm	₹ 7,959.00	
	Total				₹ 10,83,178.00	
	Multiply by factor 0.973 on account of GST			x	₹ 0.973	
	Modified Estiamted				₹ 10,53,932.00	
	Add Cost Index @ 19%				₹ 2,00,247.00	
	Sub Total Cost of Schedule Items				₹ 12,54,179.00	(A)
7	NON-SCHEDULE ITEMS					
7.1	Providing and Fixing of Vindsil or equvilent make GI Laser Cut Customize Perforated Screen Cladding. Panels will be made of minimum 1.5 mm thick. GI Customize perforated panels formed out of GI Roll form out. Panels will be made as per final shop drawing to achieve desired shape as required by the architect. Panels will be bends of 30mm on all 4 sides to make tray types (If 600 mm Projected from Base wall). Panels will be installed on MS substructure (MS substructure is paid separately) with GI cleats and screws.POWDER COATING:- GI panels will be 90 to 92 GSM & the Paint will be using architectural powder of Akznoble or Jotun. any Colour as per Direction of Engineer-in charge (Fame work paid Seperately.)	230.00	5,052.60	sqm	₹ 11,62,098.00	
7.2	Providing and Installing Wonder floor make Bravo Sports flooring, or equivalent 4.5mm thick densely compacted Sports flooring with thickness of 4.5 MM., Glass Fiber tissue Impregnation for high dimensional stability , made in India, cushioned sports flooring in roll form of 2.0mtr width and 15mtr length , weight 3300gms/sqm, residual indentation after static load ≤0.40 mm, Wear group 'T' with 0.50 mm wear layer , Impact sound insulation of 18dB , solid ,resilient ,fully flexible, with PUR guard protective wear layer as per direction of Engineer-in Charge.	44.00	2,355.10	sqm	₹ 1,03,624.00	
7.3	Supply and Installation of Furniture for Creche Room					
7.3.1	Supplying & Placing/Installation NIXON/3 Metal Visitor Bench Length 1820mm X Depth 690mm X Height 790mm. Seat & Back Single Section, Seat Is 430 mm From Ground,Perforated Mild Steel Powder Coated.Seat Thickness 1.2 mm. Seat Width	15	26,730.95	each	₹ 4,00,964.00	

	520 mm.Beam Mild Steel With Black Power Coating Thickness 1.6mm. Mild Steel Border With Chrome Plating For Every Seat & Back. Mild Steel Handles Chrome Plated & Die Pressed Legs At The End Of Chairs with SS 304 arms at the end. Gross Weight Of Regular 3-Seater Will Be 23 Kg. of Make Godrej / Durian or equivalent as per direction of Engineer-in charge.								
7.3.2	Supplying & Placing/Installation BUNK BED:SIZE- 2060MM(L)X 900MM(D)X 2015MM(H)SPECIFICATION IN DETAIL - THE BUNK BED SHALL BE MADE OUT OF 18 MM THK.LAMINATED PLYWOOD WITH 2 MM THK. EDGE BANDING TAPE ALONG EDGES IN SAME COLOR AS LAMINATE. BASE STRUCTURE CAN BE MADE OUT OF AL/MS TO FORM THE UNDER-STRUCTURE, CONFIRMING TO IS 4923:2017 GRADE. BEAM TO BEAM SHALL BE CONNECTED BY CROSS BEAMS OF SQ.20MM ERW TUBE CONFIRMING TO IS 4923:2017, WHICH SUPPORTS THE MATTRESS PLATFORM. MATTRESS PLATFORM SHALL BE OF 12MM THK PLYWOOD SHEET.THE STAIRS SHALL BE PROVIDED ON ONE OF THE SIDES OF THE BUNK BED MADE OUT OF PLYWOOD IN SAME FINISH AS PER 3D VIEWS. ENOUGH SPACE SHALL BE GIVEN BETWEEN THE TWO LEVELS OF BEDS THAT ENABLES THE TO SIT & WORK OR STUDY COMFORTABLY. ALL METAL PARTS COMES WITH POWDER COATING FINISH 60-80 MICRONS THK. ALL THE EDGES TO BE SMOOTH AND FIBRE FREE of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	127317.75	each	₹ 1,27,318.00				
7.3.3	Supplying & Placing/Installation COT: SIZE: 1200L X 600W X 800HT SPECIFICATION IN DETAIL - OVERALL SIZE SHALL BE 1200 MM (W) X PROVIDING AND FIXING COT MADE OUT OF SOLID STEAM BEECH WOOD WITH POLISH. ALL THE EDGES FOR THE COT TO BE SMOOTH AND FIBRE FREE. WOODEN LEGS OF 50 X 50 THIK WITH 50MM WOODEN FRAME. 12 MM THK MATTRESS PANEL OF PLYWOOD WITH PROVISION OF STORAGE SHELF UNDER MATTRESS of	1	27769.70	each	₹ 27,770.00				



	make Godrej , Durian or equivalent as per direction of Engineer-in Charge.				
7.3.4	Supplying & Placing/Installation Kids Toilet Vanity The overall size of vanity kids vanity shall be 1500L x 500D x 500H. The vanity is made from HDHMR, an engineered wood product that is moisture-resistant and provides a high level of stability, preventing swelling or warping even in damp conditions. The design includes a contemporary, streamlined look, with soft-close drawers and cabinet doors for smooth and quiet operation. Equipped with spacious drawers and open shelving (optional), offering ample storage space for toiletries, towels, and bathroom essentials. of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	46992.25	each	₹ 46,992.00
					
7.3.5	Supplying & Placing/Installation Shoe removing seat The Overall Size shall be W 1500 x D 450 x H 450mm. The table shall be made up of 18mm thick PLPB or pre-laminated MDF duly finished with 2mm pvc edge band. Table shall have multiples open compartments for keep personal belongings. Table shall be provide 50mm cushion at the top for seating purpose. Cushion shall be upholstered with approved fabric of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	41289.40	each	₹ 41,289.00
					
7.3.6	Supplying & Placing/Installation Wash room slippers cabinate The overall size of Slipper cabinate shall be 750L x 450D x 600H. The cabinet shall be made of pre-laminate particle board. The cabinet should feature multiple adjustable or fixed shelves designed to hold various types of slippers, sandals, and shoes. Shelves should be spaced appropriately for easy access and organization. The cabinet should include ventilation holes or mesh panels for airflow, preventing the accumulation of moisture and ensuring that footwear remains dry and fresh. of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	19967.30	each	₹ 19,967.00
					
7.3.7	Supplying & Placing/Installation Utility storage The Overall Size shall be W 1500 x D 600 x H 1800mm. The Side & Front shall be made up of 18mm thick PLPB or pre-laminated MDF duly finished with 2mm pvc edge band. Back shall made up of 9 mm thick PLPB or pre-laminated MDF duly finished with 2mm pvc edge band. Storages shall have multiples compartments with center locks and all other essential hardwares like hinges, handles etc. All the visible surface shall be sealed with 2mm edge banding. All	1	38340.40	each	₹ 38,340.00
					

	the edges for the cot to be smooth and fibre free. as per direction of Engineer-in Charge.				
7.3.8	Supplying & Placing/Installation KIDS DINING SET 6 SEATER -PROVIDING AND SUPPLYING WOODEN TABLES & CHAIRS WHICH ARE TRADITIONAL, ECO-FRIENDLY AND PURE JOY TO YOUR KIDS. THIS MODERN KID-SIZED TABLE IS PERFECT FOR READING, WRITING, PLAYING, DRAWINGS, AND DINING. ITS OMPACT DESIGN HELPS YOU QUICKLY MOVE AROUND. THIS TABLE LET YOUR KID'S CREATIVITY BLOSSOM AND GIVE THEM AMPLE SPACE ALL THEIR OWN WITH THIS MODERN, FUNCTIONAL KIDS' TABLE CHAIR SET. THESE WOODEN KIDS' CHAIRS ARE STURDY AND SIZED JUST RIGHT FOR YOUR KIDS! CUTE KIDS' FURNITURE SET HAS A NATURAL FINISH AND COLOR SHADES THAT WILL FIT ANY HOME DÉCOR OR KID'S ROOM. CHAIR - (L 29.21) X (W 27.94) X (H 53.34) CM ABLE - (L 60.36) X (W 60.96) X (H 50.8) CM MATERIAL - SOLID WOOD WITH MDF TOP of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	162493.00	each	₹ 1,62,493.00
					
7.3.9	Supplying & Placing/Installation St PARTITION FOR FEEDING CUBICLE of Durian feeding cubicle made of 12mm compact laminate. The solid compact laminate (phenolic core board) is based on thermosetting resins, homogeneously reinforced with cellulose fibres and is manufactured as per IS 2046. Top surface on both sides is melamine coated which is scratch and impact resistant. Intermediate panel is one continuous panel without any joints, all intermediate panels, pilaster and doors shall be 12mm thick. The size of the cubicle is alongwith door opening of 600 mm, overall height of the cubicle is 2100 mm (including bottom gap of 150 mm) Baby Feeding Cubicle System Tickness of Compact Laminate: 12 mm Colour of HPL: Single Colour Size of Cubicle: As per Drawing 2400 mm (w)2400 mm (D)x 2100 mm (H) Door Size: 1750 mm (H) x 550 mm (W) Accessories Standard: Sio International make / Pacific make Aluminium and Nylon Polymade 6 Black Accessoriesa) Aluminium "U" channel b) Aluminium "F" Channel c) Aluminium Door Stopper Channeld) Aluminium Top Rail e) Nylon coat Hook f) Nylon Occupancy Indicator g) Nylon Door Knob h) Nylon Hinges i) Nylon Adjustable Foot j) Rubber Door Stopper Liningk) SS Screw & PVC Wall Plug etc of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	84178.65	each	₹ 84,179.00
					

7.3.10.	Supplying & Placing/Installation MATTRESS FOR BUNK BED Size- 2060L x 900D. Designed for all generations, our Ortho mattress is ideal for sleepers who prefer complete orthopedic support with a firm yet gentle feel. This single bed mattress feature 5-layer construction that offers targeted comfort and support, all you need for a restful night's sleep of make Godrej , Durian or equivalent .as per direction of Engineer-in Charge.	2	28273.20	each	₹ 56,546.00	
						
7.3.11	Supplying & Placing/Installation MATTRESS FOR COT Size- 1195W x 600D. Designed for all generations, our Ortho mattress is ideal for sleepers who prefer complete orthopedic support with a firm yet gentle feel. This single bed mattress feature 5-layer construction that offers targeted comfort and support, all you need for a restful night's sleep of make Godrej , Durian or equivalent as per direction of Engineer-in Charge.	1	23561.00	each	₹ 23,561.00	
						
	Sub total (Cost of Non Schedule Items)				₹ 22,95,141.00	(B)
	GRAND TOTAL (A+B)				₹ 35,49,320.00	