All India Institute of Medical Sciences

Rishikesh-249203

विश्वारोग्यं हि धर्मो नः

Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.

Ref. No.	**:**	**34/EE/Civil/2026-27**
Publishing Date	**:**	**15-10-2026 on 06:00PM**
Bid Submission Start Date	**:**	**15-10-2026 on 0:00PM**
Pre-bid Meeting Date	**:**	**27-10-2026 on 03:00PM**
Last Date of Bid Submission	**:**	**05-11-2026 on 03:00PM**
Bid Opening	**:**	**06-11-2026 on 03:00PM**

INDEX

Name of Work: **Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.**

Serial No.	Contents	Page No.	Remarks
1.	Cover Page	1	
2.	Index	2	
	PART - A		
3.	Notice inviting tender	3	
4.	Information and instructions for Contractors	4 to 5	
5.	Notice inviting tender (CPWD - 6)	6 to 8	
6.	Pre Contract Integrity Pact	09 to 13	
7.	Tender and contract (Civil)	14 to 15	
8.	Schedule "A" to "F" (Civil)	16 to 22	
	PART - B		
9.	Particular specification and Special conditions (Civil)	23 to 35	
10.	Annexure II	36	
11.	Annexure III	37	
12.	Annexure IV	38	
13.	Form-X	39	
14.	Form-Y	40	
15.	Form-Z	41	
16.	List of approved make	42 to 44	
17.	Schedule of Quantities	45 to 51	

Certified that this bid document contains pages 1 to 51 (One to Fifty-One page).

Executive Engineer
AIIMS, Rishikesh

Tender document may be downloaded from CPPP site https://eprocure.gov.in
NIT may be downloaded from institute's website www.aiimsrishikesh.edu.in

AIIMS, Rishikesh

NOTICE INVITING TENDER

The Executive Engineer, AIIMS Rishikesh on behalf of the Executive Director, AIIMS Rishikesh invites Percentage rate e-tenders from enlisted contractor in the appropriate classes and category in CPWD, MES, Railway and state government of Uttarakhand (PWD & IRRIGATION Department only) Registration in category of Bhawan is mandatory only for the following work: -

NIT No. **:- 34/EE/Civil/2026-27**

Name of Work**:-** **Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.**

Estimated Cost: **Rs. 94,13,328.95** Earnest money: **Rs.4,70,666.00**

Period of completion: **240 Days**

Pre-bid Meeting Date : 27-10-2026 on 03:00PM

Last date & time of submission of bids: 05-11-2026 on 03:00PM

The tender forms and other details can be seen and downloaded from the website www.aiimsrishikesh.edu.in or CPPP site http://eprocure.gov.in

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

The Executive Engineer, AIIMS Rishikesh on behalf of the Executive Director, AIIMS Rishikesh invites Percentage rate e-tenders from enlisted contractor in the appropriate classes and category in CPWD, MES, Railway and state government of Uttarakhand (PWD & IRRIGATION Department only) Registration in category of Bhawan is mandatory only for the following work:

Name of work & Location	Estimated cost put to bid	Earnest Money	Period of Completion	Last date & time of submission of bid	Time & date of opening of bid	Date and time of submission of EMD in hard form to Executive Engineer office
Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys	**Rs. 94,13,328.95**	**Rs. 4,70,666.00**	**240 Days**	**05-11-2026 on 03:00PM**	**06-11-2026 on 03:00PM**	Agency can submit EMD in hard copy in a sealed envelope with clearly mentioning the Tender Id No. on or before last date and time of submission of bid. Delay is the post or courier may be treated as disqualified.

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 www.aiimsrishikesh.edu.in or https://eprocure.gov.in

4. Those contractors not registered on the website mentioned above, are requested to get registered beforehand.

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

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

7. Contractor can upload documents in the form of PDF format only.

8. The contractor should quote the rate of item including GST as per statutory rules.

9. The successful bidders have to execute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) within Ten (10) days from the date of award of this tender in his favour and also required to furnish the **7.5%** against performance guarantee of contract value in the form of FD from any Nationalized/ Schedule bank duly pledged in favour of AIIMS, Rishikesh & payable at Rishikesh only. If the successful bidder fails to furnish the full Performance guarantee within 10 (Ten) days after the issue of Letter of Acceptance of Work, then action will be taken as per tender documents, CPWD works manual-2022,CPWD General Condition of Contract-2023, or full amount of EMD shall be forfeited of the contractor unless time extension has been granted by AIIMS, Rishikesh.

10. The bid shall be valid and open for acceptance by the competent authority of AIIMS Rishikesh for a period of 180 (One Eighty) days from the date of opening of the Financial bid and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, Further the bidders shall not be allowed to participate in the re-bidding process of the work & action will be taken as per tender documents, CPWD works manual-2022, CPWD General Condition of Contract-2023, or full amount of EMD shall be forfeited of the contractor.

11. Contractor shall deposit earnest money in receipt treasury challan/deposit at call receipt of a schedule bank/fixed deposit receipt of schedule bank/demand draft of schedule bank/bank guarantee issued by a schedule bank is scanned and uploaded and submit in original upto one day after last date of submission of bid or contractor can submit EMD directly in bank account of AIIMS Rishikesh. Detail is mentioned below-

    Account Number: -6189000100021125
    Bank name: - Punjab National Bank
    Branch name: - PNB Pashulok
    IFSC code: - PUNB0618900

12. List of Self attested Documents to be scanned and uploaded in CPP portal at AIIMS Rishikesh within the period of bid submission, failing which the bid of the tenderer shall be rejected:

    I. Self-certified copy of work completion certificate for similar works as per eligibility criteria
    II. Copy of registration certificate with CPWD, MES, Railway and (State PWD & Irrigation Department only), Registration in category of Bhawan is mandatory as mentioned in NIT.
    III. Contractor shall submit the Notarized undertaking on non-judicial stamp of Rs.100 as mentioned in annexure-II annexure-III and annexure-IV of this NIT.
    IV. Contractor shall submit Pre Contract Integrity Pact.
    V. Turnover certificate of last three years having UDIN number issued by the CA.
    VI. The valid solvency certificate of minimum 40% of the tendered amount issued by any nationalized bank under the governed by RBI not later than six months or net worth certificate of minimum 40% of the tendered amount duly issued by CA with UDIN number not later than six months.
    VII. GST,
    VIII. PAN,
    IX. ESI,
    X. EPF
    XI. Notarized copy of the registered partnership deed.
    XII. Valid Registration certificate of contractor in the appropriate category.
    XIII. The contractor have electrical licensed or engage a contractor with electrical licensed with similar work experience for the electrical portion of the work.
    XIV. Original consent letter of associated agencies in FORM-X and FORM-Z shall also be enclosed in the prescribed format. MOU shall be signed with the associated agency as per FORM-Y in shape of affidavit on non-Judicial stamp paper of minimum Rs. 100/- duly attested by notary in original within 7 (Seven) Days) and shall be submitted after award of work

13. **Due to Scarcity of funds payments may get delayed. No interest shall be paid to contractor due to delay in payment.**

14. Contract/Bidder have to submit EMD in hard copy in a sealed envelope with clearly mentioning the Tender Id No. on or before the last date and time of submission of bid. Delay in the post or courier may be treated as disqualified.

15. Additional Performance Security may be applicable in case of bidder quoted the abnormal below rate which is decided by the competent authority. The abnormal below rate may also be decided by the competent authority and their decision may be final. Bidder/Contractor has also to submit the market rate analysis to carry out the work. Non-submission of the Additional performance guarantee in a stipulated time shall be treated as disqualified from the contract and bidder/contractor may also be debarred for the three years in further participation in any bid of any department AIIMS.

CPWD - 6

Govt. of India
AIIMS, Rishikesh
Notice Inviting e-Tender

The Executive Engineer, AIIMS Rishikesh on behalf of the Executive Director, AIIMS Rishikesh invites Percentage rate e-tenders from enlisted contractor in the appropriate classes and category in CPWD, MES, Railway and state government of Uttarakhand (PWD & IRRIGATION Department only) Registration in category of Bhawan is mandatory only for the work "**Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh."**

1.1 The work is estimated to Cost **Rs. 94,13,328.95 this** estimate, however, is given merely as a rough guide.

1.2 Intending tenderer is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below: -

Criteria of eligibility for submission of bid documents

1.2.1 Criteria of eligibility for the Experience

Experience of having successfully completed similar works during the last seven years ending last day of month previous to the one in which tenders are invited.

(a) Three similar completed works each costing not less than 40% of the estimated cost put to tender, or
(b) Two similar completed works each costing not less than 60% of the estimated cost put to tender,
or
(c) One similar completed work costing not less than 80% of the estimated cost put to tender.

Similar works means Experience of building construction work/Renovation work/Civil Maintenance Work. It is to be noted that since this work includes civil, electrical work and Air Conditioning work the contractor must have experience in executing works that include all these components in their respective proportions. If the contractor does not have experience in air-conditioning or electrical work, then the contractor shall submit Form X, Form Y, and Form Z along with details of the respective agencies having agreements with the main contractor. The associated (petty) contractor must have experience in executing air-conditioning and/or electrical works as per the required percentage mentioned above."

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of tenders.

1.2.2. Certificate of Registration for GST and acknowledgement of up to date filed return.

1.2.3. Certificate of work experience issued by the Government department/PSU. (As specified in Clause 1.2.1 of CPWD-6)

1.2.4. Valid enlistment certificate of Government department mentioned in the NIT.

1.2.5. Scanned copy of EMD in form of FDR/DD/online receipt and Contract/Bidder have to submit EMD in hard copy in a sealed envelope with clearly mentioning the Tender Id No. on or before the last date and time of submission of bid. Delay in the post or courier may be treated as disqualified.

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 **240 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. The architectural and structural drawings shall be made available as per requirement of the same as per approved programme of completion submitted by the contractor after award of the work.

5 The tender document consisting of plans if any, 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 from website www.aiimsrishikesh.edu.in or https://eprocure.gov.in

The bid submitted shall be opened on **:- 06-11-2026 on 03:00PM.**

6. The contractor whose bid is accepted will be required to furnish performance guarantee of 7.5% (Seven Point Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1, 00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period.
If the bidder/contractor refuses to execute the work at any stage, the institute has the full right to forfeit the performance guarantee/EMD of the bidder/contractor, either fully or partially, in the interest of the institute. Additionally, the bidder/contractor may be debarred or blacklisted from participating in future bidding for a period of no less than three years or indefinitely, as per the direction/decision of the Engineer-in-Charge.

7. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders 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 bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

8. The competent authority 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 tenderer shall be summarily rejected.

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

10. The competent authority reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

11. The contractor shall not be permitted to tender for works in AIIMS Rishikesh in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Executive 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 gazette officer in AIIMS Rishikesh. Any breach of this condition by the contractor would render him

liable to reject his Bid submitted by him.

12. This notice inviting Bid shall form a part of the contract document. The successful bidders /contractor, on acceptance of his tender by the Accepting Authority shall within 10 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 tender as uploaded at the time of invitation of tender.
    b) Standard C.P.W.D. Form 7 or General condition of contract for C.P.W.D Maintenance work 2020 with up to date correction slips.

13 The valid solvency certificate of minimum 40% of the tendered amount issued by any nationalized bank under the governed by RBI not later than six months or net worth certificate of minimum 40% of the tendered amount duly issued by CA with UDIN number not later than six months.

14. The turnover certificate issued by the Charted Accountant having valid UDIN number of the last 3 years. The average turnover is the 50% percent of the tendered amount.

15. The bidder has to enclose the valid EPF and ESI certificate.

16. Completion certificate issued by Competent Authority will only be considered. Competent Authority means officer of not below the rank of Executive Engineer/ Equivalent would be acceptable.

17. Notarized copy of the registered partnership deed.

18. Valid Registration certificate of enlistment of contractor in the appropriate category in appropriate class as mentioned in above first para.

PRE-CONTRACT INTEGRITY PACT

Name of Work:- Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.

NIT No.:- 34/EE/Civil/2026-27

This Pre-Contract Integrity Pact (herein after called the Integrity Pact) is made on……... ……Day of the month of……20…….

Between

ALL INDIA INSTITUTE MEDICAL SCIENCES RISHIKESH having its office at AIIMS VEERBHADRA MARG
RISHIKESH–249203, (Hereinafter called which expression unless repugnant to the context or meaning thereof be deemed to mean and include its successors, legal representatives and assigns) of the First Party.

And

M/s.,……. with office at …… .represented by Shri……, Chief Executive Officer (hereinafter……. called the "BIDDER/Seller"/Contractor which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Party.

Preamble

[Both AIIMS RISHIKESH and BIDDER referred above are jointly referred to as the Parties]

AIIMS RISHIKESH intends to award, under laid down organizational procedures, Purchase orders /contract/s against Tender /Work Order /Purchase Order No.

AIIMS RISHIKESH desires full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to: -

1. Enable AIIMS RISHIKESH to obtain the desired materials/ stores/equipment/ work/ project done at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement; and
2. Enable the BIDDER to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and AIIMS RISHIKESH will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

A. Clause.1. Commitments of AIIMS RISHIKESH

1.1 AIIMS RISHIKESH undertakes that AIIMS RISHIKESH and/or its Associates (i.e. employees, agents, consultants, advisors, etc.) will not demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

1.2 AIIMS RISHIKESH will, during the tender process / pre-contract stage, treat all BIDDERs with equity and reason, and will provide to all BIDDERs the same information and will not provide any such

information or additional information, which is confidential in any manner, to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERs in relation to tendering process or during the contract execution.

1.3 All the officials of AIIMS RISHIKESH regarding this Integrity Pact will report to IEM, any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach shall not be permitted.

1.4 If the BIDDER reports to AIIMS RISHIKESH with full and verifiable facts any misconduct on the part of AIIMS Rishikesh's Associates (i.e. employees, agents, consultants, advisors, etc.) and the same is prima facie found to be correct by AIIMS RISHIKESH, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by AIIMS RISHIKESH. Further, such an Associate may be debarred from further dealings related to the contract process. In such a case, while an enquiry is being conducted by AIIMS RISHIKESH the proceedings under the contract would not be stalled.

B. Clause 2. Commitments of BIDDERs/ Contractors

2. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post- contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

2.1 The BIDDER will not offer, directly or indirectly (i.e. employees, agents, consultants, advisors, etc.) any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of AIIMS RISHIKESH, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

2.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of AIIMS RISHIKESH or otherwise in procuring the contract or forbearing to do or having done any act in relation to obtaining or execution of the contract or any other contract with AIIMS RISHIKESH for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with AIIMS RISHIKESH.

2.3 * BIDDER shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.

2.4 * BIDDERs shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.

2.5 * The BIDDER further confirms and declares to AIIMS RISHIKESH that the BIDDER is the original manufacture/integrator/authorized government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to AIIMS RISHIKESH or any of its functionaries, whether officially or unofficially to award the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

2.6 The BIDDER while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of AIIMS RISHIKESH or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

2.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

2.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

2.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged

2.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner

without supporting it with full and verifiable facts.

2.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

2.12 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of AIIMS RISHIKESH, oralternatively, if any relative of an officer of AIIMS RISHIKESH has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of tender. The term 'relative' for this purpose would be as defined in Section 2(77) of the Companies Act 2013

2.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of AIIMS, RISHIKESH.

C. Clause.3. Previous contravention and Disqualification from tender process and exclusion from future contracts

a. The BIDDER declares that no previous contravention occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.

b. The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

If BIDDER before award or during execution has committed a contravention through a violation of Clause 2, above or in any other form such as to put his reliability or credibility in question, AIIMS RISHIKESH is entitled to disqualify the BIDDER from the tender process.

D. Clause.4. Earnest Money Deposit (Security Deposit)

4.1 While submitting commercial bid, the BIDDER shall deposit an amount _____as Earnest Money/Security Deposit, with the BUYER through any of the following instruments:

(i) Bank Draft or a Pay Order in favour of _____

(ii) A confirmed guarantee by an Indian Nationalized Bank, promising payment of the guaranteed sum to the BUYER on demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof of payment

(iii) Any other mode or through any other instrument.

4.2 The Earnest Money/Security Deposit shall be valid upto a period of five years or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period, whichever is later.

4.3 In case of the successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

4.4 No interest shall be payable by the BUYER to the BIDDER on Earnest Money/Security Deposit for the period of its currency.

E. Clause.5. Consequences of Violation / Breach

5.1 Any breach of the aforesaid provision by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle AIIMS RISHIKESH to take all or any one of the following action, wherever required: -

i. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.

ii. The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

iii. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.

iv. To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the UBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest..

v. To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the

BIDDER, in order to recover the payments, already made by the AIIMS RISHIKESH, along with interest .

vi. To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

vii. To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.

viii. To recover all sums paid in violation of this Pact by BIDDER(s)to any middleman or agent or broker with a view to securing the contract.

ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

x. Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact

5.2 AIIMS RISHIKESH will be entitled to all or any of the actions mentioned in Para 5.1 (i) to (x) of this pact also on the commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence asdefined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 orany other statute enacted for prevention of corruption.

5.3 The decision of AIIMS RISHIKESH to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent External Monitor(s) appointed for the purposes of thisPact.

F. Clause.6. Fall Clause

The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems OR providing similar services at a price / charge lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found any stage that similar product/systems or sub systems was supplied by the BIDDER to any to the Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to AIIMS RISHIKESH, if the contract has already been concluded.

G. Clause.7. Independent External Monitors

7.1 The BUYER has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission. Name and address of IEMs are given below:-

(1) Shri Rais Ahmad, IOFS (Retd.) Independent External Monitor (IEM), AIIMS-R Address: Mahagun Moderne, Tower: OSIMO-240, Sector – 78, Noida – 201301 Mobile No.: 9910007239. Email ID: ahmadrais1959@gmail.com
(2) Mrs. Usha Chandrashekhar, IPoS(Retd.) Independent External Monitor (IEM), AIIMS-R Address: Flat No. C-5, Bollineni Homes, Near Hitech Theatre, Madhpur, Hyderabad-500081 Mobile No.: 9449872140. Email ID: ushacandrashekhar@gmail.com

7.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

7.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

7.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings.

7.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.

7.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project
documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/ Subcontractor(s) with confidentiality.

7.7 The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

7.8 The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department! within 8 to 10 weeks from the date of reference or intimation to him by the BUYER / BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

H. Clause.8. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination

I. Clause.9. Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the BUYER.

J. Clause.10. Other Legal Actions

In case of any allegation of violation of any provisions of this Pact or payment of commission, AIIMS RISHIKESH or its agencies shall be entitled to examine all the documents, including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

K. Clause.11. Law and Place of Jurisdiction

Both the Parties agree that this Pact is subject to Indian Law. The place of performance and hence this Pact shall be subject to Rishikesh Jurisdiction.

L. Clause.12. other legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

M. Clause.13. Validity and Duration of the Agreement

The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller, including warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.
Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.
14. The parties hereby sign this Integrity Pact at_____on _____

AIIMS RISHIKESH	**Bidder**
Signature	Signature
Name and Designation	Name and Designation
_____	_____
Witness	Witness
1…….....	1……
2……	2…….....

* Provisions of these clauses would be amended /deleted in line with the policy of the AIIMS RISHIKESH in regard to involvement of Indian agents of foreign supplier.

* * *

निविदा 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 within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings 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 respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for One Eighty (180) days from the due date of opening of financial bid and not to make any modification in its terms and conditions.

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 AIIMS Rishikesh, then I/We shall be debarred for tendering in AIIMS Rishikesh 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 Earnest Money Deposit / Performance Guarantee.

मैं/हम एतत्द्वारा घोषणा करते है कि मै/हम निविदा कागजातों, नक्षों और कार्य से संबंधित अन्य अभिलेखों को गुप्त/गोपनीय कागजात के रूप में रखेगे और उनसे प्राप्त/ली गई जानकारी किसी अन्य को, जिन्हें मैं/हम सूचित करने के लिए प्राधिकृत हो, से भिन्न किसी को,नहीं बताएगें या जानकारी को किसी ऐसे रूप में प्रयोग नही करेंगे जो राज्य की सुरक्षा के लिए प्रतिकूल हो।

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 therefrom to any person other than a person to whom I/We am/are authorised to communicate the same or use the information in any manner prejudicial to the safety of the State.

तारीख Dated #.....

ठेकेदार के हस्ताक्षर Signature of Contractor#
डाक का पता Postal Address#

साक्षी Witness : #
पता Address: #
उपजीविका Occupation: #

 # To be filled in by the contractor/witness as applicable

ACCEPTANCE

The above tender (as modified vide letters mentioned hereunder) is accepted by me for and on behalf of the Executive Director, AIIMS Rishikesh for a sum of ₹. _____

(Rupees_____)

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

a)

b)

c)

For & on behalf of the Executive Director, AIIMS Rishikesh

Signature.....

तारीख Dated ....

Designation.....

अनुसूचियां **SCHEDULES**
[FOR MAJOR (CIVIL) COMPONENT]

अनुसूची 'क' **SCHEDULE 'A'**
मात्राओं की अनुसूची (संलग्न)

Schedule of quantities (Enclosed) Page No. - 45-51

अनुसूची 'ख' **SCHEDULE 'B'**
ठेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची
Schedule of materials to be issued to the contractor.

क्रम. सं. S.No.	मद विवरण Description of item	मात्रा Quantity	जिस दर पर सामग्रियां ठेकेदार को प्रभारित होगी वह दर अंकों एवं षब्दों में Rates in figures & words at which the material will be charged to the contractor	निर्गत स्थान Place of Issue
1	2	3	4	5

अनुसूची 'ग' SCHEDULE 'C'

ठेकेदार को भाड़े पर दिए जाने वाले औजार एवं संयत्र

Tools and plants to be hired to the contractor

क्रम सं. Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire charges per day	निर्गत स्थान Place of Issue
1	2	3	4

NIL

अनुसूची 'घ' SCHEDULE 'D'
कार्य के लिए विषेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची
Extra schedule for specific requirements/documents for the work, if any. -----Nil-----

अनुसूची (ड) **SCHEDULE 'E'**

	ठेके की सामान्य षर्तो का संदर्भ	General conditions of contract for CPWD works 2023 (maintenance work)
1.	Reference to General Conditions of contract	as amended upto date.

Name of work :- **Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.**

कार्य की अनुमानित लागत Estimated cost of work	**: Rs. 94,13,328.95**
(i) धरोहर राषि Earnest money	: **Rs. 4,70,666.00 in form of FDR from scheduled bank.**
(ii)निष्पादन गारंटी Performance guarantee :	7.5% of Tendered value. निविदित मूल्य का 7.5%
(iii) प्रतिभूति निक्षेपः Security Deposit:	2.5% of each bill

अनुसूची 'च' **SCHEDULE 'F'**

सामान्य नियम एवं दिषानिर्देषः

General Rules & Directions:

	निविदा आमंत्रण करने वाला प्राधिकारी Officer inviting tender -	**Executive Engineer , AIIMS Rishikesh**
	कार्य की मदों की मात्रा के लिए अधिकतम प्रतिषत जिससे अधिक निष्पादित मदों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के अनुसार होगा 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.	निम्नानुसार see below
	Definitions:	
2(v)	भारसाधक इंजीनियर Engineer-in-Charge	**Executive Engineer (C), for Civil Work** **Executive Engineer (E) For Electrical Work**
2(viii)	स्वीकार कर्ता प्राधिकारी Accepting Authority	**Superintending Engineer, AIIMS Rishikesh**
2(x)	अतिरिक्त और लाभों को पूरा करने के लिए श्रम एवं सामग्रियों की लागत पर प्रतिषतता Percentage on cost of materials and labour to cover all overheads and profits.	**15% (Fifteen per cent)**
2(xi)	दरों की मानक अनुसूची Standard schedule of Rates for Civil: -	**Delhi Schedule of rate 2023(Civil)/Market Rate issued upto date of receipt of tender.**
2(xii)	विभाग Department	**AIIMS Rishikesh**
9(ii)	मानक के.लो.नि.वि. ठेका फार्म Standard CPWD contract Form	**CPWD form7 GCC 2023 Maintenance work** with up to date correction slip.

खण्ड Clause 1

;पद्ध स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय
Time allowed for submission of performance guarantee from the date of issue of letter of acceptance : 10 days

;पपद्ध (उपर्युक्त प) में दी गई अवधि के पष्चात् अधिकतम अनुमेय एक्सटेंषन
Maximum allowable extension with late fee @ 0.10% per day of performance guarantee amount beyond the period as provided in (i) above : 07 days

Clause 3 When Contract can be Determined Applicable

खण्ड Clause 2

खण्ड 2 के तहत प्रतिकार निष्चित करने वाला प्राधिकारी
Authority for fixing compensation under clause 2 **Superintending Engineer, AIIMS Rishikesh**

खण्ड Clause 2A

क्या खण्ड 2 क लागू होगा
Whether clause 2A shall be applicable **No**

खण्ड Clause 5

कार्य आरंभ की तारीख की गणना के लिए स्वीकृति पत्र के जारी होने की तारीख से दिनों की संख्या
No. of days from the date of issue of letter of acceptance for reckoning date of start **10 days.**

लक्ष्य नीचे दी गई सारणी के अनुसार

<u>Milestone(s)</u>: - **NA**

खण्ड Clause 6 Computerized Measurement Book (CMB) **Applicable**

कार्य निष्पादित करने के लिए अनुमत्य समय
Time allowed for execution of work **240 (Two Hundred forty) Days**

Authority to decide

(i) Extension of Time Superintending Engineer, **AIIMS Rishikesh**

(ii) Rescheduling of mile stones Superintending Engineer, **AIIMS Rishikesh**.

(iii) Shifting of date of start in case of delay in handing over of site Executive Engineer , **AIIMS Rishikesh**

खण्ड Clause 7

अंतरिम भुगतान के लिए पात्र होने के लिए अंतिम ऐसे भुगतान के बाद कुल भुगतान एकत्रित सामग्रियों के अग्रिमों के समायोजन सहित किया जाने वाला कुल कार्य
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 to interim payment **Rs.5.0 Lakhs**

Clause 8A Contractor to keep Site Clean. Applicable

खण्ड 10 d Clause10A

कार्यस्थल प्रयोगषाला में ठेकेदार द्वारा उपलब्ध कराये जाने परीक्षण उपकरण की सूची
List of testing equipment to be provided by the contractor at site lab. **N.A.**

खण्ड Clause10B(ii)

क्या खण्ड 10 ख ;पपद्ध लागू होगा

Whether clause 10B (ii) shall be applicable **NA**

खण्डClause10C

Component of labour expressed as Percent of value of work **NA**

खण्ड Clause 10CC - NOT APPLICABLE.

~~खण्ड 10 गग उन संविदाओं पर लागू होगा जिसमे कार्य समापन की अवधि, अगले कालम में दर्षाई गई अवधि से अधिक अनुबंधित है।~~

DELETE

~~Clause 10CC to be applicable in co with sipulated period of compensation exceeding the period shown in next column : ..... Months~~

खण्ड Clause10d **Yes**

खण्ड Clause 11

कार्य निष्पादन के लिए अनुपालन
Specifications to be followed for execution of work **For Civil : CPWD specification 2019, Volume-I & II with correction slips upto date of receipt of tender.**

खण्ड Clause 12

Applicable

12.2 & 12.3

विचलन सीमा जिसके परे खण्ड 12.2 तथा 12.3 भवन निर्माण कार्य के लिए लागू होंगे
Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work (Other than foundation) **50%**

12.5 (i) Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except earth work) **50%**

(ii) Deviation limit for items in earth work subhead of DSR or related items **100%**

Clause 14 Carrying out part work at risk & cost of contractor Applicable

Clause 15 Applicable

खण्ड Clause 16 Applicable

घटी हुई दरे निर्धारित करने की लिए सक्षम प्राधिकारी
Competent Authority for deciding reduced rates Superintending Engineer**, AIIMS Rishikesh**

Clause 17 Applicable

खण्ड Clause 18

कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मषीनरी औजार एवं सयंत्रों की सूची :–
List of mandatory machines, tools and plants to be deployed by the contractor at site. **N.A.**

Clause 19 Applicable
Clause 19 A Applicable
Clause 19 B Applicable
Clause 19 C Applicable
Clause 19 D Applicable
Clause 19 E Applicable
Clause 19 I Applicable
Clause 19 K Applicable
Clause 19 L Applicable
Clause 20 Applicable
Clause 23 Applicable
Clause 24 Applicable

खण्ड Clause 25

Constitution of dispute redressed committee (DRC) Deleted

Clause 28 **Applicable**

Clause 32: Employment of technical staff & employee

"Requirement of Technical Representative (s) and Recovery Rates"

Cost of work in Rs.	Requirement of Technical Qualification	Number of (Major +Minor Component)	Designation (Technical Staff)	Minimum Experience (Years)	Rate at which recovery shall be made from the contractor in the event of not fulfilling
More than 15 lakhs up to 1.5 Crores	Graduate Engineer OR Diploma Engineer	1 of major component	Planning/Quality/Site /Billing Engineer	2 or 5 respectively	Rs. 15000/- per month per person

"Cost of work" in the table above, means the agreement amount of the work.

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

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

खण्ड **Clause 38**

I) क)	सीमेन्ट और बिटुमन की अनुमानमूल मात्रा निर्धारित करने के लिए अनुसूची/विवरण	केलोनिवि द्वारा मुद्रित दिल्ली दर अनुसूची 2023 के आधार पर
I) (a)	Schedule/statement for determining theoretical quantity of cement & bitumen	on the basis of Delhi Schedule of Rates 2023 printed by C.P.W.D. with correctionslips issued up to date of receipt of tender.
II)	अनुमानमूलक मात्राओं में अनुमत्य विचलन Variations permissible on theoretical quantities.	**Yes**
II)	अनुमानमूलक मात्राओं में अनुमत्य विचलन Variations permissible on theoretical quantities.	**Yes**
d½	सीमेन्ट जिन कार्यो के लिए निविदा में अनुमानित मूल्य रू. 5 लाख से अधिक न हो	
a)	Cement for works with estimated cost put to tender not more than Rs. 5 lakhs	Not Applicable
	जिन कार्यो के लिए निविदामें अनुमानित मूल्य रू. 5 लाख से अधिक हो	2 प्रतिषत जमा/घटा
	for works with estimated cost put to tender more than Rs. 5 lakhs	2 % plus/minus.
ख।)	बिटुमन सभी कार्यो के लिए	2.5 प्रतिषत केवल जमा और घटा के पक्ष में शून्य
b)	Bitumen for all works	2.5% plus only & Nil on minus side.
ग)	इस्पात प्रत्येक व्यास, कोट और श्रेणी के लिए पूनर्वलन और संरचनात्मक इस्पात काट	2 प्रतिषत जमा/घटा
c)	Steel Reinforcement and structural steel sections for each diameter, section and category.	2% plus/minus

घ)	सभी अन्य सामग्रियां	शून्य
d)	All other materials	Nil.

अनुमत्य विचलन से अधिक की मात्राओं के लिए वसूली दर

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

क्रम सं. SI No.	मद विवरण Description of item	अंको और षब्दों में वह दर जिस पर ठेकेदार से वसूली की जाएगी Rates in figures and words at which recovery shall be made from the Contractor	
		अनुमत्य विचलन से अधिक आधिक्य Excess beyond permissible variation	अमुमत्य विचलन से अधिक उपयोग घटाया Less use beyond the permissible variation
1.	सीमेन्ट Cement	N.A.	**Rs. 6210/- Per MT**
2.	ईस्पात Steel Reinforcement	N.A.	**Rs. 53099/- Per M.T.**

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor .....…… (Name of contractor) (Hereinafter called "the contractor") has submitted his tender dated ..... (date) for the construction of (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we ..... (name of bank) having our registered office at ..... (hereinafter called "the Bank") are bound unto ..... (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. ..... (Rs. in words .....) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this ..... day of ..... 20...
.

THE CONDITIONS of this obligation are:

(1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;

(2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
   - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;
   - (b) OR
   - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor, OR
   - (c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor, OR
   - (d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of first written demand, without the Engineer-in-Charge having to substantiates his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date. * after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE SIGNATURE OF THE BANK

WITNESS SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

PARTICULAR SPECIFICATIONS
&
SPECIAL CONDITIONS

1. GENERAL

1.1 Wherever any reference to any Indian Standard Specifications of BIS 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.

1.3 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls are to be constructed.

1.4 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.

1.5 The working drawings appearing at para 8.1(iii) of conditions of contract in the form CPWD-8, shall mean to include both architectural and structural drawings respectively. The structural and architectural drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.

1.6 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.

1.7 The contractor shall make his own arrangements for obtaining electric connections, if required, and make necessary payments directly to the department concerned.

1.8 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 of 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.

1.9 All the material related to the work execution shall be approved by Engineer-In-charge.

1.10 Any cement slurry added over base surface for bond or for continuation of concreting, for protecting reinforcement bars, its cost shall be deemed to have been included in the respective items, unless specified otherwise and nothing extra shall be payable nor extra cement shall be considered in the cement consumption on this account.

1.11 Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth if required at any stage shall have to be done by the contractor at his own cost.

1.12 No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.

1.13 Only Stainless Steel screws shall be used unless otherwise specified.

1.14 **Work shall be carried out in professional manner with finished product serving the intended purpose with specified strength, durability and aesthetics.**

1.15 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.

1.16 The contractor shall prepare all the needed drawings well in advance and get them approved before placing the order and execution of the item.

1.17 Contractor shall be able to claim bill only after issuing site clearance certificate from Junior Engineer & Assistant Engineer.

1.18 Contractor shall submit all material in store which is to be consumed according to specifications during execution of work. It will be further issued by concerned JE and AE according to daily requirement.

1.19 All materials to be used during work shall be got approved from engineer in charge.

1.20 All samples of material shall be got approved from engineer in charge before execution of work.

1.21 The contractor(s) shall inspect the site of work before tendering and acquaint himself with the site conditions and **no claim on this account** shall be entertained by the department.

1.22 The tender shall see the approaches to the site. In case any approach from main road is required at 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.

1.23 Contractor shall take all precautionary measures to avoid any damage to adjoining property. **All necessary arrangement shall be made at his own cost.** Any damage caused by the contractor to the contractor to existing building/ installation / roads / boundary walls shall be made good by him (the contractor) at his own cost.

1.24 The contractor shall take all precautions to avoid accidents by exhibiting necessary caution board day and night, speed limit, red flags, red lights and proving barriers. He shall be responsible for all damages and accidents caused to existing / new work due to negligence on his part. No hindrances shall be caused to traffic, running of hospital services during the execution of the work.

1.25 Royalty at the prevailing rates whenever payable shall have to be paid by the contractor on the boulders, metal, shingle, sand and bajri etc. Or any other material collected by him for the work direct to revenue authorities and **the department shall pay nothing extra for the same.**

1.26 The contractor shall provide at his own cost suitable weighing, surveying and levelling and 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.**

1.27 Contractor shall provide permanent bench mark, flags tops and other reference points for the proper execution of work and these shall be preserved till the end of work. All such reference points shall be in relation to the level and location, given in the Architectural and plumbing drawings.

1.28 Water tanks, taps, sanitary, water supply and drainage pipes, civil fittings and accessories should confirm to byelaws and municipal body / corporation where CPWD specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixture /fittings) tested by municipal Body / Corporation authorities wherever required at his own cost.

1.29 The contractor shall give performance test of the entire installations as per the standing specifications before the work is finally accepted and completion certificate is recorded by the Engineer- In -Charge. **Nothing extra whatsoever shall be payable to the contractor for the test.**

1.30 Any cement slurry added over base surface for the continuation of concreting for better bond is deemed to have been included in the items and **nothing extra shall be payable on this account, also the cement consumed on this account shall not be considered in theoretical consumption.**

For RCC work, only factory made round type cover block shall be used.

1.31 The contractor shall bear all incidental charges for cartage, storage and safe custody of materials bought to site.

1.32 The work shall be carried out in accordance with the Architectural drawings and structural drawings, to be issued from time to time, by the Engineer-In-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the and satisfy himself that the information available there from is complete and unambiguous.

The discrepancy, if any, shall be brought to the notice of the Engineer-In-Charge before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of the work on the basis of any erroneous and or incomplete information.

1.33 Other agencies will also simultaneously execute and install the works of internal electrical installations, sub- station / generating sets, air- conditioning, lifts, etc. for the work 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 supplied free of cost by the department unless otherwise specifically mentioned) 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.**

1.34 All materials obtained from Govt. stores or otherwise shall be got checked by the Engineer-In-Charge or his any authorized supervisory staff on receipt of the same at site before use.

1.35 All material shall only be brought at site as per programme 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.

1.36 The architectural drawings given in the tender other than those indicated in nomenclature of the items are only indicative of the nature of the work and materials / fixtures involved unless otherwise specifically mentioned. However, the work shall be executed in accordance with the drawings duty approved by the Engineer-In –Charge. Architectural drawings are available in the office of Engineer-In-Charge and can be seen.

1.37 Normally contractors shall not be allowed to work at night. Work at night shall, however, be allowed if the site conditions / circumstances at night, **no claim on this account shall be entertained. In such situations the contractor shall make available to the department proper means of transport such as vehicle at his own cost.**

1.38 Existing drains, cables, pipes, over-head wires, sewer lines and similar services encountered in the course of execution of work shall be protected against the damage by the contractor's own expense. The contractor shall not store materials or otherwise occupy any part of the site in a manned likely to hinder the operation of such services. In no case such services should be stopped to the existing buildings.

1.39 The contractor shall be responsible for the watch and ward/ guard of the buildings, safety of all fitting 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 department. **No extra payment shall be made on this account.**

1.40 The day to day receipt and issue accounts of different / brands of cement shall be maintained separately in the standard Performa by the Jr. Engineer of work and which shall be duly signed by the contractor or his authorized representative.

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

1.42 The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and clearance of the same before use in the work. Any predelivery of the materials not required for immediate consumption shall not be resorted to. The contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of work.

1.43 No payment shall be made to the contractor for any damage caused by rain, floods, earthquake or any other natural causes whatsoever during execution of work. The contractor at his own cost will make the damages to the work good and no claim on this account shall be entertained.

1.44 For construction works which are likely to generate malba / rubbish to the tune of more than a truck load, contractor shall dispose of malba, rubbish & 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.

1.45 Any damage done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.

1.46 On the account of security consideration, there would be some restrictions, on the working hours, movement of vehicle for transportation of material and location of labour camp. The contractor shall be bound to follow all such restrictions and adjust the programme for execution of work.

1.47 The contractor shall also be required to follow the rules & restrictions imposed on working / movement/ stacking of materials by the local competent authority at all times. Nothing extra shall be payable on this account.

1.48 In case, there is any discrepancy between English version and corresponding Hindi version, if provided, then the provisions in English version will prevail.

1.49 The contractor will have to work as per schedule given by the Engineer-In-Charge.

1.50 The contractor shall remove all splashes from doors, windows and floors etc. if the contractor fails to remove the same 10% of gross value of the bills would be kept in deposit from each bill simultaneously.

1.51 The contractor submits the authenticated copies of itemized bills of the material which has to be entered in the M.A.S. Register viz steel, Cement, Bitumen, Paint water proofing material or any other item suggested by the technical sanction authority before settling payment.

1.52 The contractor shall pump the concrete wherever necessary to expedite the progress of work. **Nothing extra shall be paid on this account.**

1.53 Sample of building material, fitting and other articles required for execution of work shall be got approved from the Engineer-In-Charge before use in the work. The quantity of samples brought by the contractor shall be judge by standards laid down in the relevant BIS specification.

1.54 All material 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 preserve till the completion of 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 items of work, the contractor shall submit the samples as per suggestive list of brand name given in the tender document /particular specifications for approval of Engineer-In-Charge. For all other items, materials and fitting carrying BIS mark shall be used with approval of Engineer-In-Charge. Wherever BIS marked material / fittings are not available, the contractor shall submit samples of material/fittings manufactured by firm of repute conforming to relevant specification or IS codes and use the same only after getting the approval of Engineer-In-Charge. To avoid delay, contractor should submit samples as stated above well in advance so as to give timely order 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 and cost**.**

1.55 The contractor shall ensure quality construction in a planned and time in bound manner. Any sub-standard material/work beyond set-out tolerance limit shall be summarily rejected by the Engineer-In-Charge& contractor shall be bound to replace/ remove such sub-standard/defective work immediately.

1.56 BIS marked items (except cement and steel) required on the work shall be got tested. Only important tests shall be carried out. The frequency of such tests shall be 25%of the frequency specified in the CPWD specifications 2009 Vol. I to II with up to date correction slips. for certain items, if the frequency of test is not mentioned in CPWD specifications then relevant IS code shall be followed and tests shall be carried out @25% of frequency specified therein.

1.57 BIS marked materials except otherwise specified shall 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 produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and /or the work done.

1.58 Sample for testing –The contractor shall provide samples of materials required for testing free of charge. The cost of test shall be borne by the contractor / department in the manner indicate below: -

(a) By the contractor, if the results show that the material does not conform to relevant specifications.

(b) By the department, if the result show that the material conforms to relevant specifications. **All other expenditure required to be incurred for talking samples, conveyance, packing etc. shall be borne by the contractor himself.**

1.59 However, if any load testing or special testing is to be done for concrete whose strength is doubtful, the cost of the same shall be borne by the contractor.

1.60 All necessary tests as per the NIT/CPWD specifications/ relevant BIS codes shall be carried out on all the materials whether ISI marked or otherwise. Wherever NIT/CPWD specifications/relevant BIS Codes do not specify the frequency of tests, the same shall be carried out as per the directions of the engineer –in-charge. Nothing extra whatsoever shall be payable on this account.

1.61 The contractor shall ensure quality control measures on different aspects of construction methodologies to be adopted.

1.62 Lists of approved makes and brand of materials for civil works and sanitary works are annexed hereto. Makes and brands of materials specified therein shall only be used on the work. The contractor shall submit brand/ make of various materials to be used for the approval of Engineer-In-Charge along with samples.

1.63 **All material shall be brought as per programme 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**.

1.64 Samples including brand/quality of materials and fitting 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.

1.65 The rates for all items of work shall, unless clearly specified otherwise, include cost of all labor, material, tools, and plants and other inputs involved in the execution of the items and **nothing extra shall be payable on this account.**

1.66 The contractor shall quote all-inclusive rates against the items in the schedule of quantities and **nothing extra shall be payable for any of the conditions and specifications** mentioned in the tender document unless specially specified otherwise.

1.67 Unless otherwise specified in the schedule of quantities, the rates for all items, shall be considered as inclusive of pumping / bailing out water wherever necessary for which **no extra payment shall be made.**

1.68 The rate for all items, in which the use of cement is involved is inclusive of charges for curing.

1.69 The foundation trenches shall be kept free from water work below ground level are in progress.

1.70 The contractor shall indemnify the Govt. against any claims or obligation rising out of any damage to adjacent property, structure or to building work done by him.

1.71 In case service are encountered during excavation /earth work and such services are required to be shifted, the contractor is bound to carry out the shifting operation as per guidance/ instructions and with the approval of the Engineer-In-Charge. However, necessary payments shall be made in this regard as per provision of the agreement.

1.72 Many other agencies would be executing work simultaneously at site. The contractor shall maintain proper co-ordination with other agencies in maintaining progress of work. In case of any dispute, the decision of the Engineer-In-Charge shall be final and binding.

1.73 LABOUR CESS @ 1% OF THE GROSS VALUE OF THE WORK DONE WIL BE DEDUCTED FROM EACH RUNNING & FINAL BIL AS PER GOVT. NOTIFICATION.

1.74 **RECOVERY FOR WATER @ 1% OF THE GROSS VALUE OF WORK DONE SHALL BE MADE FROM THE BILL.**

1.75 **THE CONTRACTOR COMPLIES WITH THE INSTRUCTION CONTAINED TO DPCC OREDER FOLLOWS:-**

(a) The dismantle material /building rubbish received from dismantling/demolishing shall be dumped to the dumping ground in properly covered truck with precaution.

1.76 The Engineer-In-Charge for civil work shall be Executive Engineer (Civil) and for minor component i.e. Electrical work Shall be Executive Engineer (Electrical) and ACR work shall be

Executive Engineer (ACR). All Work shall be carried out as per direction of respective engineer in charge and work completion shall be recorded after satisfactory work report duly signed by both Executive Engineers in CMB.

1.77 Pre-Bid meeting will be held on the date as given in tender documents.

1.78 The vendor should see the building before submission of bid for this work.

1.79 If the contractor fails to execute the work in the phased manner then action will be taken against him as tender documents, CPWD manual-2022, GCC-2023 or full amount of PBG and EMD shall be forfeited.

1.80 Final bill of the contractor shall produce after proper testing and full satisfaction of Engineer in charge of work whole work including proper testing of pipe joints, tiles flooring etc.

1.81 The Aadhaar card must be submitted to both the Engineering Office and the Security Office. Workers must obtain a gate entry pass, and a proper daily entry record must be maintained for workers entering the hostel premises.

1.82 Execution of work will be done by contractor in coordination with Engineering Department and Chief Provost, Hostel. AIIMS Rishikesh.The building is occupied currently due to which the work shall be executed in a phased manner without affecting the residents/students. Since there is no other space available, the whole building will not be handed over to contractor in vacant state for the repair and maintenance. Planning of execution of work will be planned in most economical way.

1.83 **4.0 Condition of scaffolding**

A. Provision of Scaffolding:
Scaffolding required for the execution of maintenance, repair, painting, or other related works under the contract shall be provided by the Institute free of cost to the contractor during the period of execution of the work, subject to availability. The contractor shall be solely responsible for the transportation, loading, unloading, shifting, erection, installation, dismantling, and reinstallation of the scaffolding, as required for the execution of the work. No additional payment shall be admissible to the contractor on account of any of these activities.

B. Shifting and Storage of Scaffolding:
Upon completion of the work, or whenever the scaffolding is no longer required at a particular work location, the contractor shall dismantle and shift the scaffolding materials to the designated location within the Institute's campus, as directed by the Engineer-in-Charge. The contractor shall ensure that the scaffolding materials are handled, transported, and stored properly to prevent damage, loss, or obstruction to the movement of personnel and vehicles within the campus. The contractor shall also maintain proper discipline and safety during all such operations. No additional payment shall be made for dismantling, shifting, transportation, or storage of the scaffolding materials within the campus.

C. Requirement and Recall of Scaffolding:
The Institute reserves the right to require the contractor to dismantle, shift, or return the scaffolding materials at any time during the contract period if the same are required for maintenance or other works at any other location within the campus. In such circumstances, the contractor shall promptly comply with the instructions of the Engineer-in-Charge and make the scaffolding materials available at the designated location within the stipulated time. The contractor shall not refuse or unreasonably delay the shifting or return of the scaffolding on the grounds that the ongoing work is incomplete or that the scaffolding is being used at another location. No additional payment or compensation shall be admissible for such dismantling, shifting, or reinstallation.

D. Safety, Care, and Responsibility:
The contractor shall ensure that the scaffolding is erected, used, dismantled, and shifted in accordance with applicable safety requirements and the instructions of the Engineer-in-Charge. The contractor shall take due care of the scaffolding materials while they

remain in its custody or use and shall immediately report any damage, loss, or defect noticed in the materials to the Engineer-in-Charge. Any damage or loss attributable to the negligence, improper handling, or misuse of the scaffolding by the contractor or its personnel shall be made good by the contractor at its own cost, as determined by the Institute in accordance with the applicable contract conditions.

E. Compliance with Instructions:

The contractor shall strictly comply with all instructions issued by the Engineer-in-Charge regarding the use, dismantling, shifting, storage, and return of scaffolding materials. The contractor shall ensure that the availability or movement of scaffolding does not cause unnecessary delay in the execution of the work or inconvenience to the normal functioning of the Institute. Any failure to comply with these conditions shall be dealt with in accordance with the relevant provisions of the contract.

F. The contractor shall be responsible for the proper handling, care, and safety of the scaffolding materials provided by the Institute. Any damage or loss of scaffolding materials due to negligence, improper handling, or misuse by the contractor or its staff shall be made good by the contractor at its own cost.

1.84 **Pre Bid Meeting: -**

1. The pre bid conference would be held in the office of Executive Engineer(Civil), AIIMS, Rishikesh. All firm's representative who are attending the pre bid meeting, shall produce an authorization letter from their firm on the firm's letter head. They are required to put their query in writing before the committee and submit the same in writing on its letter head.
2. The competent authority of AIIMS, Rishikesh reserves all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any administrative term and condition/specifications of the tender enquiry after due discussion in pre-bid conference. This will be communicated and shown over the website of the Institute. No representation will be considered after pre-bid meeting and bidders may ensure their queries only in pre-bid meeting. AIIMS, Rishikesh also reserves the right to reject any bid which in its' opinion is nonresponsive or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.

1.85 I. The bidder must execute the work in the prescribed manner or as directed by the engineer in charge. First, the renovation work of the washrooms shall be completed. After proper testing and satisfaction of the Engineer in-charge, the work of exterior painting shall be executed thereafter.

II.A five-year Guarantee Bond in the prescribed format (Annexure-I) shall be submitted by the lowest bidder. An additional 10% of the cost of items included in the waterproofing work and leaking pipes (Cl, Gl, CPVC, etc.) shall be retained as a Security Deposit which shall be released after five years from the date of actual completion of the entire work under the agreement. The security Deposit shall be released if the performance of the water proofing treatment shall be found satisfactory.

If any defect is noticed during the guarantee period or in the defect liability period, the contractor shall rectify immediately within 15 days of receiving intimation of the defects at free of cost. If the defects are not attended to within the specified period, the necessary repairs will be carried out by another agency at the risk and cost of the contractor.

2.0 <u>CONDITION FOR CEMENT</u>: -

2.1 The Contractor shall procure 43 grade Ordinary Portland cement (conforming to IS : 8112) or Portland slag cement (conforming to IS : 455) or Portland Pozzolana Cement (PPC) (Fly ash

based) – conforming to IS : 1489 (Part-I) as required in the work, from reputed manufactures of cement such as Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K. Cement or from any other reputed cement Manufacturer having a production capacity not less than one million tons per annum.

The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacture(s) which the contractor proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufactures, given by the tenderer, fully or partially.

Supply of cement shall be taken in 50 Kg bags bearing manufacture's name, batch No. & ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got issue 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.

If Portland Pozzolana cement or Portland slag cement is used, suitable modification in deshuttering time etc. shall be done if need be as per specifications and standards and as directed by Engineer – in – charge and nothing extra shall be payable on this account.

No extra payment / deduction shall be made from the payment to the contractor for using any of the above type of cement.

2.2 The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer - in - charge.

2.3 For each grade / type, cement bags shall be stored in two separate godowns, one for tested cement and the other for fresh cement (under testing) constructed by the contractor at site of work as per sketch shown in General conditions of contract for CPWD works 2020 with weather proof roofs and walls, for which no extra payment shall be made. The size of the cement godown is indicated in the sketch for guidance only. The actual size of godown shall be as per site requirements and as per the direction of the Engineer in charge and nothing extra shall be paid for the same. The decision of the Engineer-in-charge regarding the capacity required/needed will be final. However, the capacity of each godown shall not be less than 100 tonnes. Each godown shall be provided with a single door with two locks. The keys of one lock shall remain with CPWD Engineer-in-charge or his authorized representative and that of other lock with the contractor at the site of work so that the cement is issued from godown according to the daily requirement with the knowledge of both the parties. The account of daily receipt and issue of cement shall be maintained in a register in the prescribed Proforma and signed daily by the contractor or his authorized agent in token of its correctness.

2.4 The cement shall be got tested by Engineer –in –charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor / Department in the manner indicated below: -

(a) By the contractor, if the results show that the cement does not conform to relevant BIS codes.

(b) By the Department, if the results show that the cement conforms to relevant BIS codes.

2.4.1 All other charges of sampling, packing and transportation of sample shall also be borne by the contractors.

2.5 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained separately for each type of cement, as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in Clause 42 of the contract and shall be governed by conditions laid therein. However, for consumption lesser beyond permissible theoretical variation recovery shall be made in accordance with conditions of contract at Schedule A to F (CPWD-7), without prejudice to action for acceptance of work/item at reduced rate or rejection as the case may be. In case of excess consumption, no adjustment shall be made.

(i) Cement brought to site and cement remaining unused after completion of work shall not be removed from site without return permission of the Engineer-in-charge.

(ii) Damaged cement shall be removed from the site immediately by the contractor on receipt of notice in written. In case if he does not do within three days or receipt of same notice, the Engineer-in-charge shall get removed at the site of the contractor.

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

3.0 CONDITIONS FOR REINFORCEMENT STEEL: -

3.1 The contractor shall procure TMT bars of ~~Fe 415 / Fe 415D / Fe 500/~~ Fe 500D ~~/ Fe 550 / Fe 550D~~ grade from primary producers such as SAIL, Tata Steel Ltd., RINL, Jindal Steel & Power Ltd. and JSW Steel Ltd. or any other producer as approved by CPWD who are using iron ore as the basic raw material / input and having crude steel capacity of 2.0 Million tonnes per annum and above.

In case of non-availability of steel from primary producers, use of TMT reinforcement bars procured from secondary producers will be allowed subject to fulfillment of following conditions:

a. The grade of the steel such as Fe ~~415 / Fe 415D / Fe 500 /~~ Fe 500D ~~/ Fe 550 / Fe 550D~~ or other grade to be procured is to be specified as per BIS: 1786 - 2008.

b. The secondary producers must have valid BIS license to produce HSD bars conforming to IS 1786: 2008. In addition to BIS license, the secondary producer must have valid license from either of the firms Tempcore, Thermex, Evcon Turbo & Turbo Quench to produce TMT Bars.

c. The TMT bars procured from primary producers and ISPs shall conform to manufacture's specifications.

d. The TMT bars procured from secondary producers shall conforms to the specifications as laid down by Tempcore, Thermex, Evcon, Turbo and Turboquench as the case may be.

e. TMT bars procured either from primary producers or secondary producers, the specifications shall meet the provisions of IS 1786: 2008 pertaining to ~~Fe 415 / Fe 415D / Fe 500 /~~ Fe 500D ~~/ Fe 550 / Fe 550D~~ or other grade of steel as specified in the tender.

3.2 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 (c) & (d) above, the same shall stand 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.

In case contractor is permitted to use TMT reinforcement bars procured from secondary producers then:

(i) The base price of TMT reinforcement bars as stipulated under schedule 'F' shall be reduced by Rs. 6700/- MT. However, for operation of provisions of clause 10CA in such case, the indices for TMT reinforcement bars of secondary producers will be considered same as for primary producers.

(ii) The rate of providing & laying TMT reinforcement bars as quoted by the contractor in the tender shall also be reduced by Rs. 8.00 per kg.

3.3 The steel reinforcement bars shall be brought at site in bulk supply of 25 tonnes or more as decided by the Engineer in charge.

3.4 The steel reinforcement 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. Bars of

different sizes and lengths shall be stored separately to facilitate easy counting and checking.

3.5 For checking nominal mass tensile strength bend test re-bend test etc. specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below:

Dia of bar	For consignment below 100tones	For consignment above 100tones
Under 10 mm	One sample for each 25 tonnes or part thereof	One sample for each 40tonnes or part thereof
10 mm to 16mm	One sample for each 35 tonnes or part thereof	One sample for each 45tonnes or part thereof
Over 16mm	One sample for each 45 tonnes or part thereof	One sample for each 50tonnes or part thereof

3.6 The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.

3.7 All other charges of sampling, packing and transportation of sample shall also be borne by the Contractor.

3.8 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 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 need to be made.

3.9 Steel brought to site and remaining unused shall not be removed from site without the written permission of Engineer-in-Charge**.**

3.10 (i) Reinforcement including authorized spacer bars and lap pages shall be measured in length for different diameters as actually (not more than as specified in the drawings) used in the work nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured.

(ii) The standard sectional weights referred to shall be as in Table 5.4 in para 5.3.4 in revised CPWD specifications 2009 Vol. I will be considered for conversion of length of various sizes of TMT bars in to standard weight.

(iii) Record of actual sectional weights shall also be kept dia wise and lot wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer in charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be termed as Derived Actual Weight.

(a) If the derived weight as in sub-para (iii) above is less than the standard weight as in sub-para (ii) above, then the Derived Actual Weight shall be taken for payment.

(b) If the derived actual weight is found more than the standard weight, than standard weight as worked out in sub para (ii) above shall be taken for payment. Nothing shall be paid extra for the difference in Derived/ Actual Weight and standard weight.

The contractor has to obtain vouchers and furnish test certificate to the Engineer-in-charge in respect of all the lots of Steel brought by him from approved suppliers at the site of work.

3.11 Every care should be taken to avoid mixing different types of grades of bars in the same structural members as main reinforcement to satisfy relevant clause of IS: 456. In case of buildings, wherever the situation necessitates, the changeover shall be permitted only from any one level onwards. In case of foundations, all foundation elements (footings and grade beams) shall have the same kind of steel. In the case of columns, all structural elements up to the level of change, where the changeover is taking place should have the same kind of steel as those in columns.

3.12 The reinforcing steel brought to site of work shall be stored on brick / timber platform of 30 / 40 - cm height, nothing extra shall be paid on this account.

4.0 SAFETY MEASURES AT CONSTRUCTION SITE

In order to ensure safe construction, following shall be adhered for strict compliance at the site: -

(i) The work site shall be properly barricaded.

(ii) Adequate signage's indicating 'Work in Progress – Inconvenience caused is Regretted' or Diversion Signs shall be put on the sites conspicuously visible to the public even during night hours. These are extremely essential where works are carried out at public places in use by the public.

(iii) The construction malba at site shall be regularly removed on daily basis.

(iv) All field officials and the workers must be provided with safety helmets, safety shoes and safety belts.

(v) Proper MS pipe scaffoldings with work – platforms and easy-access ladders shall be provided at site to avoid accidents.

Necessary First-Aid kit shall be available at the site.

The above provisions shall be followed in addition to the provisions of General Condition of Contract.

5.0 SPECIFICATIONS FOR FLY ASH BRICKS - All fly ash bricks as brought to the site shall conform to the strength & durability parameters as prescribed in the tender and CPWD specifications.

6.0 The contractor shall submit 'Method Statement' for the approval soon after the award of work. 'Method Statement' is a statement by which the construction procedures for important activities of construction are stated, checked and approved. Method Statement shall have description of the item with elaborate procedures in steps to implement the same. The specification of the materials involved their testing and acceptance criteria, equipments to be used, precautions to be taken, mode of measurements etc.

6.1 Formwork for exposed concrete surfaces: -

6.1.1 Where it is specifically shown on the drawings to have original fair face finish of concrete surface without any rendering of plastering, formwork shall be carried put by using plywood on steel plates of approved quality.

6.1.2 The forms shall be constructed so as to produce a uniform and consistent texture and pattern on the face of the concrete. The formwork shall be placed so that all horizontals are constructed of lumber and are not paneled and the formwork joints shall be staggered.

6.1.3 To achieve a finish which shall be free of board marks, the formwork shall be faced with plywood or equivalent material in large sheets. The sheets shall be arranged in an approved pattern. Whenever possible, joints between sheets shall be arranged to coincide with architectural feature, sills, window heads or change in direction of surface. All joints between panels shall be vertical or horizontal unless otherwise directed. Suitable joints shall be approved between sheets. The joints shall be arranged and fitted so that no blemish or mark is imparted to the finished surfaces.

6.1.4 Forms for exposed concrete surfaces shall be constructed with grade strips (the underside of which indicate top of pour) at horizontal constructions joints, unless the use of groove strips is specified on the drawings. The reset forms shall be tightened against the concrete so that the forms will not be spread and permit abrupt irregularities or loss of mortar. Supplementary form ties shall be used as necessary to hold the reset forms tight against the concrete.

6.1.5 For fair faced concrete, the position of through bolts will be restricted and generally as indicated on the drawings.

6.1.6 Plywood and steel plates used in the formwork for obtaining exposed surfaces shall be got approved from Engineer-in-charge on each use. However, no forms will be allowed for reuse if it is doubtful to produce desired texture of exposed concrete.

6.1.7 Cement of only approved shade shall be used preferably of single lot to achieve integrity of texture.

6.2 Class of Surface Finish: -

6.2.1 For Beams & Slabs**:**

The finish shall be uniform, dense and smooth. no grout, no grain pattern, no crazing and no major blemishes shall be permitted. Abrupt irregularities not exceeding 3mm and gradual irregularities less than 5mm in 2m length only shall be permitted.

6.2.2 For Columns/Wall/Fins:

The finish shall be uniform and smooth leveling the surface of the compacted concrete shall be done with a screed board with power floating the surface and over that steel trowelling the surface under firm pressure characteristics of finish shall be brush marks < 3mm gradual irregularities less than 10mm in 2m.

6.3 Tolerance in Finished Concrete: -

The formwork shall be so made as to produce a finished concrete true to shape, lines, level, plumb and dimensions as shown in the drawings subject to the following tolerance unless otherwise specified in this specification or drawings.

6.4 WALL/COLUMN/FINS:

21.4.1 Variation from the plumb	± 6mm	Upto 3m height
21.4.2 Variation from the plumb of conspicuous liner	± 6mm	Upto 6m height
21.4.3 Variation in the size of wall openings	(+)15mm (-) 6mm	
21.4.4 Variation in parapet wall thickness		
(a) Upto 30cm thickness	± 6mm	

6.5 SLAB, BEAM & GIRDER FORMS:

21.5.1 Variation from the level or from the specified grid for beam soffit before removal of shores,

(a) In any 3m	± 6mm
(b) In any 6m	± 10mm

All the tolerances mentioned above shall apply to concrete dimensions only, and not to positioning of vertical steel or dowels. The tolerances given above are specified for local aberration in the finished concrete surface and should not be taken as tolerance for the entire structure taken as whole for the setting and alignment of formwork. Any error, within the above tolerance limits, or any other if noticed in any of the structure after part or portion stripping of forms, shall be corrected in the subsequent work to bring back the structure to its true line, level and alignment.

Annexure - I

(SPECIMEN)
(Ref. para 3.3 of Particular Specifications and Special conditions)

GUARANTEE TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECT AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS

The Agreement made this ……day of ……two thousand and …… between ……son of ……of ……(hereinafter called the **Guarantor** of the one part) and the Executive Director, AIIMS Rishikesh (hereinafter called Government of the other part).

WHEREAS this agreement is supplementary to a contract (hereinafter called the Contract) dated …….. and made between the **GUARANTOR** of the one part and the Government of the other part, whereby the Contractor, inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak – proof.

AND WHEREAS **GUARANTOR** agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for five years from the date of giving of water proofing treatment.

NOW THE **GUARANTOR** hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such water proofing treatment shall be five years to be reckoned from the date after the maintenance period prescribed in the contract.

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

(a) Misuse of roof/floor shall mean any operation which will damage water proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof/floor.

(b) Alteration shall mean construction of an additional storey or a part of the roof/floor or construction adjoining to existing roof/floor whereby proofing treatment is removed in parts;

(c) The decision of the Engineer-in-charge with regard to cause of leakage shall be final.

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

That if **GUARANTOR** fails to execute the water proofing or commits breach 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 **GUARANTOR** in performance and observance of this supplementary agreement. As to the amount of loss and / or damage and / or cost incurred by the Government the decision of the Engineer – in – Charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor ……. and by …….. and for and on behalf of the Executive Director, AIIMS Rishikesh on the day, month and year above written.

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

1. …….
2. …….

Signed for and on behalf of The Executive Director, AIIMS Rishikesh by ……..in the presence of –

1. …….
2. …….

Rest of the terms and conditions will remain same as mentioned in NIT.

Annexure - II

(SPECIMEN)
(Undertaking)

Name of work:- Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.

NIT No:- 34/EE/Civil/2026-27

I …….. hereby agreed that all the tender condition is accepted to me and rate quoted by me is inclusive of GST. I have submitted below the detail of my firm:

Name of firm and address: -

Firm type: -

Contact number:

Name of contact person: -

Email ID:

Annexure - III

(SPECIMEN)
(Undertaking)

Name of work:-_Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.

NIT No:- 34/EE/Civil/2026-27

I, ……., have visited and thoroughly inspected the site in detail. I hereby agree to carry out the work in a phased manner as required, ensuring minimal disruption to ongoing activities. I have read all the terms and conditions of NIT and agree to comply with them.

Name of firm and address: -

Firm type: -

Contact number:

Name of contact person: -

Email ID:

Authorised signature-:

Annexure-IV

(SPECIMEN)
(Undertaking)

Name of work:-_Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.

NIT No:- 34/EE/Civil/2026-27

I/we certified that our firm
_____
is not debarred/blacklist from any government department (Central/State) including autonomous bodies/department.
If it is found in future that the information given by me is not true then my bid is liable to be disqualified at any stage. And I will not claim any compensation and my PBG/Security deposit is liable to be forfeited and I may be debarred/blacklisted for some period or forever as decided by the competent authority. I will be solely responsible for such type of action.

Name of firm and address: -

Firm type: -

Contact number:

Name of contact person: -

Email ID:-

Authorized signature of contractor/Bidder with stamp:-

FORM -X

CONSENT LETTER FROM ELIGIBLE ASSOCIATE SPECIALIZED AGENCIES

Name of work: **Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.**

1. I / We hereby give my consent to associate with M/s ..... , for executing the of work of ..... (Mention specialized work(s).

2. I / We will execute the work as per specifications and conditions of the agreement and as per directions of the Engineer–in-Charge for the corresponding specialized work(s) till the completion of the work.

3. I / We will be responsible for necessary action to handover the installations and for rectification of defects and repair during the maintenance / warranty period.

4. Also I / We will employ full time technically qualified Engineer / supervisor for the specialized work(s)component of the work as required for the work. I / We will attend inspection of officers of the department as and when required.

Date:

Signature with date of Main Agency/Contractor

Signature with date of Associate Specialized Agencies/

Address:

Address:

1. Witness with address (From main contractor side)

2. Witness with address (From associated agency side)

FORM-Y

MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN

1] M/S [Name of the firm with full address]
Enlistment Status
Valid Upto:
(Henceforth called the main contractor]

And

2] M/S [Name of the firm with full address]
Enlistment Status
Valid Upto:
[Henceforth, called Associated Specialized Agency)

For the execution of Work **"Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh**. We state that M.O.U between us will be treated as an agreement and has legality as per Indian Contract Act [amended upto date) and the department [AIIMS, Rishikesh] can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent this MoU allows. Both the parties shall be paid consequent to the execution as per agreement to the extent this MoU permits. In case of any dispute, either of us will go for mediation by the EE(E)-II/EE(C)-III & EE(C)-IV, AIIMS, Rishikesh. Any of us may appeal against the mediation to the **Superintending Engineer, AIIMS**, Rishikesh. His decision shall be final and binding on both of us.

We have agreed as under:

I] The associated Specialized Agencies will execute all specialized work(s) in the wholesome manner as per terms and conditions of the agreement and as per the direction of the Engineer-in-charge.

2] That the Associated Specialized Agencies have gone through the contract and has understood the scope of work required for the purpose of executing the specialized work(s).

3] All the machinery and equipment, tools and plants, special T&P required for execution of the specialized work(s), as per agreement, shall be the responsibility of the associated Specialized Agencies.

4] The site staff required for the specialized work(s) shall be arranged by the associated Specialized Agencies as per terms and conditions of the agreement.

5] Site order book maintained for the said work shall be signed by the authorized representative of main contractor as well as Associated Specialized Agencies.

6] All the correspondence regarding execution of the specialized work(s) shall be done by the Department with the Associated Specialized Agencies and/or main contractor with a copy to the other party. In case of non-compliance of the provisions of agreement, the main contractor, as well as the associated agencyshall be responsible. The action under clauses 2 and 3 shall be initiated and taken against the main contractor.

SIGNATURE OF MAIN CONTRACTOR	SIGNATURE OF ASSOCIATED CONTRACTOR./AGENCY
Date	Date
Place	Place:

FORM-Z

PROPOSAL FOR ELIGIBLE ASSOCIATING AGENCIES FOR SPECIALIZED WORK(S)

I/we hereby propose the following agencies to be associated as per mentioned against each for executing corresponding specialized work(s). Their consent letter are also attached as per FORM-X

S.No	Name of Associated Specialized Agency	Registration /Enlistment copy/completion Certificates attached	Gross Work Done of Specialized work	Experience Certificate attached (Yes/No)	Consent letter attached (Yes/No)
Sub -Work 1: For Electrical works					

Etc.

SIGNATURE OF MAIN CONTRACTOR

LIST OF APPROVED MATERIALS (CIVIL)

Note :

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of approved materials attached in the tender, shall be used in the work.
2. The Contractor shall obtain prior approval from the Engineer-in-charge before placing order for any specific material/ Brand/ Make.
3. Whenever the specified brand of material is not available than, the Engineer-in-charge may approve any material equivalent to that specified subject to proof being offered by the Contractor for its equivalence and its non-availability to his satisfaction.

	MATERIALS:	BRAND/MAKE
1	AAC Block	Aerocon, Siporex, Ultratech, Ecolite, Concrelite, J.K. Laxmi (Cement Ltd.), BILTECH, Kansal, Dlite Blocks
2	AAC Block Adhesive	Ferrous crete(Ferro-1188), ARDEX ENDURA (White Star), Ultratech (Fixed-Block)
3	Acrylic Distemper, Emulsion, Synthetic Enamel Paint and Primer.	Asian Paints, Dulux, Berger, Nerolac
4	Epoxy Adhesive	FOSROC, Aquomix , Choksey, BAL-ENDURA,MYK Laticrete
5	Aluminium Composite Panel	Alpolic, Aluco Bond, Reynobond, Euro bond, Alstrong
6	Aluminium Extrusions	Hindalco, Indalco, Jindal
7	Aluminum Sections	Jindal, Hindalco, Indalco
8.	Aluminum Sheet	Hindalco, Jindal, Aludecor and Eurobond
9	Annealed Float Glass	Saint Gobain, Modi Guard, Asahi
10	Bitumen	Indian Oil, Hindustan Petroleum, Bharat Petroleum
11	Calcium Silicate Board / Tiles	Aerolite, Hilux, Starpan
12	CC Pavers / Grass Pavers	Nitco, Hindustan, Ultra, KJS Concrete, Duracrete, Mehtab Tiles, Kaptim
13	Centrifugally Cast Iron Pipe & Fittings	NECO, SKF, BIC, RIF, KAPILANSH, HIF
14	Ceramic Tiles	Kajaria, Nitco, Orient Bell, Johnson, RAK Ceramics
15	Chequered / Tactile Tiles	Dura, Eurocon, Modern, Hindistan, Johnson, Eavison
16	CI Manhole Cover	BIC, SKF, NICO, Hepco, Kapilansh, RIF
17	CI Double flanged non-return valves	Kirloskar, Sant, Kartar
18	CP fittings	Jaquar, Marc, Kohler, Grohe, Cera, Hindware, Somany
19	CPVC Pipes & Fittings	Astral Flowguard, Ashirvad, Prince, Supreme, Finolex,VECTUS
20	Curtain Carrier / Drapery Rod	Marvel, Vista levlor, Johnson.
21	Dash fastener, Expansion Bolt	Hilti, Bosch Fischer
22	Hydraulic Door closer, Floor springs	Dorma, Hettich, Hafele, Geze
23	Ductile Iron Pipe (Water Supply)	Electro steel, Kesso, KDUPL, Electro Spun
24	EPDM Gasket	Hanu, Anand, Lescuyer
25	GRC / Tactile Tile	Unistone, Eurocon, Dazzle
26	Epoxy Grouting Compound	Pidilite, Ferrous Crete(Ferro-102), MYK LATICRETE, Fosrock
27	Epoxy Primer & Paints	Berger, Pidilite, CICO, BASF, SIKA, Fosrock
28	Fire Check door	Navair, Godrej, Shakti
29	Float Glass Mirror	Modifloat, Saint Gobain, Asahi
30	Flush Doors (ISI Mark only)	Century, Kitlam, Archid, Greenply, Marino, Duro, Gujcon
31	Friction Stay	Earl-Bihari, Geze, Hettich, Securistyle
32	Galvanized/Stainless Steel Anchor Fasteners	Shakti, Arrow, Hilti, Fischer
33	GI Pipe & fittings	Tata, Zenith, Jindal, Prakash Surya, Swastik; (ISI Marked only)
34	GI Sheet	Sail, TATA, Jindal or equivalent
35	Gun Metal Gate Valve	Zoloto, Leader, SANT, Prima
36	Glass Mosaic Tile	Bisazza, Italia, Palladio, Mridul
37	Gypsum Board (False Ceiling)	Boral Gypsum, India Gypsum, St. Gobain
38	Hardener	Hardcrete of Snowcem India, Pidilite, CICO.
39	HDPE Pipes	VECTUS, Emco, Polyfins, Pioneer, Plyfab
40	Jet Assembly for EWC/Health Faucet	Parryware , Jaquar, Marc, PRIMA(ISI)
41	Kitchen loft tank	Sintex, Tirupati Structurals Ltd, KMS Plast world P.Ltd. Planet Plastics, Sri Kamakshi Traders, Sreyah Novel InC.
42	Laminate and Veneers	Merino, Greenlam, Kitlam, Duro
43	Locks / Latch	Godrej, Harrision, Dorma, Doorset (ISI)
44	Marine Plywood / BWP Ply	Duro, Century, Greenlam
45	Melamine Polish	Asian Paints, Pidilite, ICI Dulux, Burger
46	Metal False Ceiling	Nitobond, Armstrong, Trac, Durlum, Lafarge, Anutone
47	Mineral Fibre/ GRG Ceiling	Armstrong, Daiken, Anutone, Diamond, Credence
48	M.S. Pipe (Railing)	Jindal, Tata, RINL, Prakash Surya
49	M.S. Tubes	Tata, Apolo, Prakash Surya
50	Multicoat Synthetic Plaster/ Textured Exterior wall paint	Spectrum, Heritage, Ultratech
51	Plywood, Block Board	Greenply, Century, Duro
52	Polycarbonate Sheet	Danpalon (DPI), Bayer, Macrolux
53	Polysulphide / Silicon Sealent	Pidilite, Fosroc, Tuffseal, Chouksey Chemicals, Perma, BASF

54	POP (Plaster of paris)	JK, Laxmi, Sriram Nirman, Sakarni
55	PPR Pipes	SFMC, SAFE, Poineer Industries
56	Precast CC interlocking Tiles	Hindustan, Paver India, KK
57	Precoatd Profile Sheet	Tata, Bhushan or equivalent
58	Pre-laminated Particle Board	Ecoboard, Action-Tesa, Duro, Century Ply, Greenlam, Albihari
59	Pressed steel door frame	M/s Engineers & Fabricator, Raipur, M/s J.K. Enternprises, Jaipur, M/s Jangid Engineering Works, Jaipur, M/s Swastik Super Industries, Mohali, M/s SKS Steel Industries, New Delhi.
60	PTMT Fittings	Prayag, Polytuf, Pearl, Millennium, PRIMA
61	PVC Cistern	Steelbird, Jindal, Seabird, Prayag, Commander
62	PVC Connection Pipe	Supreme, Prince, Finolex
63	PVC Rain Water Pipe & Fitting	Finolax, Kisan, Kasta, Supreme, Astral, Prince
64	Ready Mix Concrete (RMC)	Lafarge, Alchon, L&T, Grasim, Ultratech, RMC India
65	Ready Mix plaster	Ultratech, Precisecon Chem, Perma, Ferrous Crete, JK, Fosrock,
66	PVC Shutter	Polygreen, Rajshri, Plastogreen, Sintex
67	PVC Water storage Tank (Only ISI)	VECTUS, Water well, Plasto, Polycon, Sintex. (Weight as per ISI)
68	Sluice Valve	Kirloskar, Venus, Kalpana, SANT, KARTAR, Zolto
69	Solid PVC frames and shutters	Polygreen, Rajshri, Plastogreen, Sintex
70	Stainless Steel	Jindal, Salem or equivalent
71	Stainless steel Sink with or without Draining board.	Nirali, Hindware, Frankee, Neelkanth, Jaquar
72	Stainless steel Door/Window fittings & Fixtures	Dorma, Ozone, D-Line, Hettich, Kich, Geze
73	Structural steel section	TATA, SAIL, RINL, Jindal
74	Super plasticizer / admixture	Sika, Fosroc, Chouksey Chemicals, BASF
75	Tensile Fabric	Bluestone, Encon, Structure Flex
76	Tile Adhesive	Ferrous Crete(Ferro-1122), Ardex Endura (Gold Star), PIDILITE (Fevimate XL), WEABR(Saint-Gobin) Sika, Thermoshield, Somany
77	Towel Ring/Towel Rod/Towel Rack	Marc, Jaquar, Kolher, Grohe
78	Tubular steel Window, ventilator, Door frame	M/s Engineers & Fabricator, Raipur, M/s J.K. Enterprises, Jaipur, M/s Swastik Super Industries, Mohali (Punjab) M/s Jangid Engg. Jaipur
79	UPVC Pipes & Fittings	Astral Flowguard, Ashirvad, Prince, Supreme, Finolex,VECTUS
80	Urinal, Washbasin, Orrisa Pattern W.C., Wall mounted European W.C.Seat with Cistern	Hindware, Parryware, Jaquar, Cera, Kolher, Grohe
81	Vitrified Tile	Johnson -Marbonite, Somany, Kajaria, Orient Bell, NITCO, RAK
82	Wall Putty	JK, BIRLA, SARAPUTTY
83	Waste Pipe	Kamal, Viking, Jaquar
84	Water Proofing Compound (Liquid)	Pidilite, Cico, Impermo
85	White Cement	JK White, Birla White, Grasim
86	Single Core Standard ISI marked FRLS PVC insulated copper conductor wire	Polycab/Finolex/Havells/Skytone
87	Armored Copper/Aluminum Conductor Cable	Polycab//Havells/Skytone
88	Modular Switch, Socket, stepped fan regulator, Tv antenna socket, RJ 45,Tiny Trip MCB and accessories	Carbtree (anthena)/Legrand (Mylinc)/North west (Stylus plus + Convex)
89	Steel/PVC Conduit	NIC/BEC/AKG with ISI marked
90	Telephone/CAT-6 LAN cables	Delton/Finolex/Havells/Skytone/polycab/D-link
91	MCB/MCB DB Isolator/RCCB/Industrial Plug Socket and Box	ABB/Legrand/Schenieder (rupturing capacity not less than 10 KA) (MCB & DB shall be of same make)
92	MCCB	ABB/Siemens/Legrand/schenieder (Ics=Icu) (fourth pole shall be 100% current rated)
93	Ceiling Fan (BLDC)	Atomberg(Gorilla)/Orient (Falcon/Hector)/Havells (Efficiencia)/Crompton (Energion)
94	Exhaust Fan Heavy Duty	Bajaj/Crompton/Almonard/Havells
95	Exhaust Fan PVC Body	Bajaj/Crompton/Almonard/Havells
96	Heavy Duty Wall Fan(450mm)	Crompton(SStrom2)/Havells(V3)/Orient(Tornado)
97	Wall Fan (300/400mm)	Crompton/Havells/Orient
98	MCCB/ Changeover; FP/TP/SP Load Bank Panel	Make as per installed
99	PVC Cable Management system	MK/Legrand
100	(34-42) watt 2 FT X 2 FT LED Recess/SurfaceLuminaires	Crompton (LCTLRNE-36-FO-CDL/LCTLSNE-36-FO-CDL) or equivalent make of Phillips/Havells/Wipro
101	20-22 Watt LED Batten Luminaries.	Wipro/Philips/ Havells/ Crompton.
102	24 Watt 1x1 feet LED fitting	Wipro (D812465) or equivalent make of Crompton/Phillips/Havells.
103	3//6/9/12/15/18 Watt LED Downlighter	Crompton/Havells/Wipro/Philips/Bajaj
104	LED Emergency Light	PMI/PWI
105	15/25/35/50/70 Ltrs Geyser	Havells (Monza EC) / Crompton/ Reacold/ Venus/ BAJAJ
106	48" /36"/24" Ceiling fan	Crompton/Havells/Bajaj
107	LED Floodlight(90/100/120/135/150Watt)	Crompton/Havells/Bajaj
108	On load Changeover Switch	HPL/ Havells/L&T

109	SMF Battery(7/12/17/18/26 AH)	Amar Raja/ Exide
110	Lead Acid Battery (180 AH)	Amar Raja Exide
111	Geyser Heating Element	Theeta/Ditz/TTE/Power Pack
112	Geyser Thermostat	Theeta/Ditz/Dimple/Elcon/AE
113	Condenser	Epcos/Tibcon
114	Ball Bearing of fans	Tata/SKF

Schedule of Quantity

Name of work: **Replacement of indian commode into the western, Exterior painting and, Renovation of washrooms and other maintenance works in Boys Hostel(B.No-78) at AIIMS Rishikesh.**

Sr No.	Item	Unit	Qty	Rate	Amount
1.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	7789.53	19.16	149247.39
2.	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	sqm	4341.03	187.89	815636.13
3.	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two or more coats	sqm	3448.50	133.33	459788.51
4.	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	778.00	151.37	117765.86
5.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	sqm	150.00	99.72	14958.00
6.	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self-curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	sqm	150.00	650.82	97623.00
7.	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	2147.52	615.42	1321626.76
8.	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete. With 12 mm mild steel U beading.	sqm	245.90	1191.16	292906.24
9.	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	sqm	743.39	71.20	52929.37
10.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	24.94	7075.86	176471.95
11.	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed withwater proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water	sqm	166.24	598.54	99501.29

	proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.				
12.	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	each	20.00	6320.08	126401.60
13.	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black ofany size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	577.15	1229.91	709842.56
14.	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	166.24	1063.77	176841.12
15.	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 450x300 mm with single 15mm C.P. brass pillar tap	each	10.00	1468.19	14681.90
16.	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with“S” or “P” trap including dismantling of old WC seat and “S” or “P” trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Orissa pattern W.C Pan of size 580x440 mm.	each	30.00	4344.39	130331.70
17.	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	kg	1027.51	129.69	133257.77
18.	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved or anywhere in the campus as per dirction of Engineer in charge.	cum	32.90	256.03	8423.39
19.	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931, 15mm nominal bore	each	150.00	557.07	83560.50
20.	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge.	meter	170.00	3.15	535.50
21.	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead, 100 mm dia pipe.	meter	297.40	75.66	22501.28
22.	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour, 450 mm long towel rail with total length of 495 mm, 78 mm wide and	each	50.00	653.20	32660.00

	effective height of 88 mm, weighing not less than 170 gms				
23.	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms	each	50.00	108.11	5405.50
24.	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms	each	50.00	691.80	34590.00
25.	Providing and fixing PTMT robe hook strip with 5 hooks, fixed on wall / behind door, complete with concealed fitting arrangements, of approved quality and colour, weighing not less than 250 gms, including all fixing accessories, complete as directed by Engineer-in-Charge	each	50.00	436.50	21825.00
26.	Providing and fixing 0.8 mm thick GI/Aluminium sheet on washroom doors, including cutting, bending, fixing with suitable screws/adhesive, and making all joints neat and flush, for protection of doors from water, complete in all respects as per site requirement and directions of the Engineer-in-Charge	kg	233.28	54.32	12671.77
27.	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 32 mm nominal dia Pipes	meter	76.00	717.12	54501.12
28.	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 25 mm nominal dia pipes	meter	56.00	608.43	34072.08
29.	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal dia pipes	meter	176.00	521.47	91778.72
30.	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall, 20 mm dia nominal bore.	meter	125.80	616.14	77510.41
31.	Providing and fixing 100 mm diameter SWR type B Rigid PVC pipes conforming to IS :13592 Type B, including fixing with necessary with necessary clamps, tees, brackets, bends, jointing with solvent conforming to IS : 5382, (i) Double socketed pipes, 100MM dia meter, pressure bearing capacity 6 Kg/ sqcm	meter	297.40	588.79	175106.15
32.	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	nos.	40.00	1599.48	63979.20
33.	Providing and fixing uplasticised PVC connection pipe with brass unions, 30 cm length, 15 mm nominal bore	nos.	80.00	82.45	6596.00
34	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking	nos.	20.00	139.20	2784.00

	within 50 metres lead, Of area 3 sq. metres and below.				
35	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	kg	50.00	137.45	6872.50
36	Providing and fixing 1 mm thick M.S. sheet door with frame made of 40×40×6 mm angle iron and 3 mm thick M.S. gusset plates at all junctions and corners, complete with all necessary fittings including an in-built locking arrangement (integrated lock system), and applying one coat of approved steel primer, complete in all respect, Using M.S. angels 40x40x6 mm for diagonal braces	sqm	9.90	5630.22	55739.18
37	Supply and fixing 15 mm C.P. brass tap	nos.	40.00	288.09	11523.60
38	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	12.15	11160.34	135598.13
39	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level, Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	8.10	1090.09	8829.73
40	15 mm cement plaster on the rough side of single or half brick wall of mix, 1:6 (1 cement: 6 fine sand)	sqm	193.70	371.51	71961.49
41	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters, 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	sqm	73.50	2320.87	170583.95
42	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (Copper oxidised as per IS 1378), 250x10 mm	each	70.00	81.38	5696.60
43	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete (Copper oxidised as per IS 1378), 125 mm	each	70.00	38.75	2712.50
44	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete (Copper oxidised as per IS 1378), 300x16 mm.	each	70.00	210.05	14703.50
45	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group B	point	20.00	1684.00	33680.00
46	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/recessed steel conduit as required, 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	meter	200.00	370.00	74000.00
47	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/recessed steel conduit as required, 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	meter	1280.00	476.00	609280.00
48	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/recessed steel conduit	meter	800.00	744.00	595200.00

	as required, 4 X 4 sq. mm + 2 X 4 sq. mm earth wire				
49	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 4 X 16 sq. mm + 2 X 6 sq. mm earth wire	meter	650.00	1360.00	884000.00
50	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 A switch	each	260.00	121.00	31460.00
51	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 A switch	each	20.00	176.00	3520.00
52	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 Pin 15/16 A socket	each	20.00	219.00	4380.00
53	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	each	40.00	47.00	1880.00
54	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess,including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	each	140.00	545.00	76300.00
55	Supplying & fixing suitable size GI box wih modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	each	180.00	807.00	145260.00
56	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.4 Module	each	20.00	327.00	6540.00
57	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.6 Module	each	50.00	462.00	23100.00
58	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Single pole	each	280.00	285.00	79800.00
59	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Double pole	each	140.00	696.00	97440.00
60	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator),6 way , Double door	each	140.00	2390.00	334600.00
61	LED Down lighter (SMD Type) (System lumen efficacy >135lm/Watt) Supplying, Installation, Testing & Commissioning of LED Recessed/surface Down lighter und/square/Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range - 5 0C to 40 0C,internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19,Flicker free, (flicker should be below 5 %), life time(LED, Driver & electrical circuitry), life time of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K/ 4000°K /5700°K / 6500°K (As per ANSI Bin),SDCM(Standard Deviation Color Matching) <3,Maximum power consumption should not	each	250.00	756.00	189000.00

	more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body including trim . 12 - 15 watt				
62	LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy >135 lm/Watt)Supplying, Installation, Testing & Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F.≥0.95, IP-66,IK-10, CRI >70, under voltage and over voltage protection EMI-EMC as per CISPR-15, lenses for beam angle 30 deg-120deg as per the application and the project requirement., suitable tilt able fitting, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin) , SDCM(Standard Deviation Colour Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). 150 watt	each	8.00	3602.00	28816.00
63	Supplying of following sizes of PVC/XLPE insulated PVC sheathed copper, armoured, cable of 1.1KV grade, as per IS applicable complete as required. Make : Polycab/Havells/KEI/Finolex, 3X1.5 sq mm	meter	100.00	354.00	35400.00
64	S/F of of Below mentioned size Ventillator fan suitable for 220volts A.C. supply on the existing opening i/c connection & testing etc. as required. Make: Crompton Greaves / Havells /Bajaj 225 mm	each	40.00	1706.00	68240.00
65	Dismantling & taking away the scrap of burnt all sizes fans/fittings/conduits/MS boxes/GI boxes/cable tray/Al cables/Copper Cables/Misc. scrap of Electrical items (against credit) in following forms:- 5A/15A/Switch/Socket	each	300.00	2.00	-600.00
66	Dismantling & taking away the scrap of burnt all sizes fans/fittings/conduits/MS boxes/GI boxes/cable tray/Al cables/Copper Cables/Misc. scrap of Electrical items (against credit) in following forms:-Iron Scrap (Metal Box and conduit, Iron Angle etc.)	kg	50.00	30.00	-1500.00
67	Dismantling & taking away the scrap of burnt all sizes fans/fittings/conduits/MS boxes/GI boxes/cable tray/Al cables/Copper Cables/Misc. scrap of Electrical items (against credit) in following forms:-Old LED Lights	each	250.00	20.00	-5000.00

68	Dismantling & taking away the scrap of burnt all sizes fans/fittings/conduits/MS boxes/GI boxes/cable tray/Al cables/Copper Cables/Misc. scrap of Electrical items (against credit) in following forms:-Old Exhaust Fan pvc size 225mm	each	20.00	200.00	-4000.00
	Total				**9413328.95**