

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KANCHEEPURAM Off Vandalur-Kelambakkam Road, Melakkottaiyur Chennai-600 127

NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)

TENDER NO.: IIITDM/2025-26/ENGG/CIVIL239/002; DATED: 17.04.2025

NAME OF WORK: PROVIDING AND FIXING MODULAR PARTITIONS, SITC OF ELECTRICAL WIRING & VRF AIR CONDITIONING WORKS FOR ROOM NO: 615 & 617 OF THE LABORATORY BUILDING AT HITDM KANCHEEPURAM

Important: All communications are to be addressed to in the name of The Registrar, IIITD&M Kancheepuram only and not in the name of any officer and mails has to be sent to official email id **estate@iiidm.ac.in**

भारतीय सूचना प्रौद्योगिकी अभिकल्पना, 🖇 💥 एवं विनिर्माण संस्थान, कांचीपुरम



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, KANCHEEPURAM

(An Institute of National Importance under Ministry of Education, Govt of India) Melakkottaiyur, Vandalur-Kelambakkam Road, Chennai – 600 127, Tamil Nadu.

E- NOTICE TENDER (E-PROCUREMENT THROUGH CPPP)

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kancheepuram invites e-tenders under TWO BIDS with prequalification systems from the vendors who fulfill the eligibility as given below on the campus.

Sl. No.	Particulars	Quantity Required
1	PROVIDING AND FIXING MODULAR PARTITIONS, SITC OF ELECTRICAL WIRING & VRF AIR CONDITIONING WORKS FOR ROOM NO: 615 & 617 OF THE LABORATORY BUILDING AT HITDM KANCHEEPURAM	As per Annexure - 3

The tender document may be downloaded from the website http://iiitdm.ac.in or Central Public Procurement Portal https://etenders.gov.in/eprocure/app.

The offers, in the prescribed format. shall submitted online at https://etenders.gov.in/eprocure/app. as per the tender document. No tender will be accepted in hard copy, fax, email or any other such means. The intending bidders must be registered with Central Public Procurement Portal https://etenders.gov.in/eprocure/app.

a)	Tender Number /Date	IIITDM/2025-26/Engg/Civil239/002 Dated: 18.04.2025
b)	Pre-bid meeting / Site visit	24.04.2025; 10:00 Hrs.
c)	Bid Submission Last Date	13.05.2025; 15:00 Hrs.
d)	Technical Bid Opening	14.05.2025; 15:30 Hrs.
e) EMD		Rs. 7,26,250/- (submission of EMD through SBI E'Collect) https://www.onlinesbi.sbi/sbicollect/icollecthome.htm (or) Valid MSE exemption certificate must be attached.
f)	Security Deposit / Performance Guarantee	Successful Bidder shall submit the Security Deposit at 7.5% of Contract value.
g)	Stipulated Period of Completion	75 working days (Excluding Sundays and Public holidays) from the date of Commencement of the Work

A) TERMS & CONDITIONS GOVERNING THE CONTRACT

- 1. Eligibility Criteria: In order to be considered for the contract of the works as detailed under `Techno-Commercial Bid' in this Tender Document, the tenderer should:
 - 1.1 Having Similar Civil works execution experience preferably awarded by the State Govt./ Central Govt./ Autonomous/ Reputed corporate institutions/ organizations, for the value enlisted below and executed on or after 01/01/2020 (Work completion certificate(s) along with its work/ purchase order(s) copy to be enclosed).
 - a. Rs. 116.0 lakhs Excl. GST for a single work order.

(or)

b. Rs. 72.60 lakhs Excl. GST each for two work orders.

(or)

c. Rs. 58.10 lakhs Excl. GST each for three work orders.

2. Earnest Money Deposit:

- 2.1 **Bidders shall Deposit EMD through SBI E'Collect**. For an amount of Rs. 7,26,250/- must be paid online, and it shall be received on or before the last date and time of bid submission. Proof of payment for EMD shall be attached along with the technical bid. Physical mode of payment, i.e., **Banker cheque or Demand drafts, is unacceptable.**
- 2.2 Steps for submission of EMD through SBI E'Collect.
 - Go to link https://www.onlinesbi.sbi/sbicollect/icollecthome.htm
 - Please select "IIITDM KANCHEEPURAM A/C" from drop down list
 - Please select "Earnest Money Deposit (EMD)" from the Payment Category drop-down list
 - Kindly fill in all tender details, contact details, and EMD amount and make payment.
 - After successful payment, the proof of payment for EMD shall be attached along with the technical bid.
- 2.3 In the case of payment failure/ mismatch of particulars leads to cancellation of bid.
- 2.4 The EMD will be retained/ adjusted against the security deposit for the successful bidder.
- 2.5 For the unsuccessful bidders, the EMD amount will be refunded within 30 days from the date of issue of the work order.
- 2.6 The bidder shall enclose the canceled Cheque/bank details to refund the EMD amount in case of unsuccessful bids.
- 2.7 EMD shall be forfeited if any tenderer withdraws their offer within the bid validity period
- 2.8 Valid proof of MSE exemption shall be uploaded to waive off the EMD and MSE should have validity for the financial year i.e., 2024-25.

3. Security Deposit & Contract Agreement:

3.1 On receipt of notification of the award, the successful bidder shall be required to send the acceptance of the work order within 07 working days from the date of issue of work order.

- 3.2 Successful Bidder shall submit the Security Deposit of **7.5%** of the Contract value in the form of a Crossed Demand Draft/Pay Order/Banker's cheque/FDR drawn/Bank guarantee in favor of "The Registrar, IIITDM Kancheepuram," payable at Chennai within 07 (SEVEN) working days of the receipt of Notification of Award (NOA) / Award of Work order from IIITDM Kancheepuram (the Defect Liability Period as specified (i.e., **36 months after completion of work + 2 months**).
- 3.3 The successful bidder shall be required to **sign a detailed contract agreement** & commence the work within 07 working days from the date of receipt of the work order.
- 3.4 In case of failure to commence the work by the Contractor within 07 days after signing of the contract or handover of the site, the Institute shall be at liberty to terminate the Award and forfeit the Security Deposit.
- 4. Preparation of bids Two bid systems (simultaneous receipt of separate technical and financial bids):
 - **4.1 Technical bid** shall consist of only prequalification document along with supported documents as detailed below:
 - 4.1.1 Complete prequalification papers, Name of the Agency and also, commercial terms, etc., offered (Note: Price column in this bid should be kept blank).
 - 4.1.2 Duly filled and digitally signed Bid submission & self-declaration Proforma (**As per Annexure 1**), EMD transaction details (SBI Collect e-Receipt)/Valid MSE certificate details, Cancelled cheque/ bank details & GST Certificate.
 - 4.1.3 Duly filled and digitally signed copy of Technical Qualification Proforma (**As per Annexure 2**), Integrity pact (To be uploaded by the bidder on Rs.100/- non-judicial paper) (**As per Annexure 4**) along with a copy work completion certificate(s) and its work/ purchase order(s) as per the eligibility criteria referred in clause no. 1
 - 4.1.4 The Institute will contact the concern organizations (as mentioned in the work/ purchase order) about the satisfactory execution of work if required and this shall be taken into account for the evaluation of technical bid.
 - **4.2 Financial bid/Techno commercial bid** indicating item-wise price for the items mentioned in the technical bid, special concession in rates if any applicable for Educational Institutions shall also be offered and indicated clearly.
 - 4.3 Both the covers should be submitted through online Central Public Procurement Portal https://etenders.gov.in/eprocure/app before due date and time.

5. Technical terms:

5.1 The selected contractor will have to carry out **Providing and fixing Modular Partitions**, SITC of electrical wiring & VRF Air conditioning works for Room No's: 615, & 617 of Laboratory Building at IIITDM Kancheepuram which have been listed under the 'Techno-

- Commercial Bid' of this tender document. He/ She shall be under obligation to carry out all of the works stipulated in the contract.
- 5.2 The material to be used by the Contractor should be conforming to reputed brands as indicated, if no brand is given ISI marked brands shall be applicable. Samples of all materials / fixtures as specified in 'Techno-Commercial Bid' shall be got approved before their use by the Contractor. Catalogues / Brochures are also to be brought by the Contractor along with samples wherever required.
- 5.3 The work shall be carried out as per the relevant CPWD general specifications for civil, Electrical and Air conditioner works.
- 5.4 IIITDM Kancheepuram has Power to issue instructions etc., IIITDM Kancheepuram may in its absolute discretion & from time to time issue further Drawings if any, and/or written instructions, detailed directions & explanations in regard to:
 - 5.4.1 Minor addition, reduction, omission or substitution of any work included in the Contract.
 - 5.4.2 Minor variation or modification of the design, quality, character of any work.
 - 5.4.3 Minor variation in the dimensions of any part of the works.
 - 5.4.4 Minor discrepancy in the Drawings if any, or between the Bill of Quantities and / or Specification.
 - 5.4.5 The removal from the site of any material brought thereon by the Contractor & the substitution of any other material.
 - 5.4.6 The dismissal from the works of any person employed there-upon by the Contractor to carry out the work under the provisions of this Contract and its replacement by another suitable person within a given time frame at no additional cost to IIITDM Kancheepuram.
 - 5.4.7 The opening up of or inspection of any work covered up, all other instructions issued to him covering other aspects of the Contract.
 - 5.4.8 During the execution, any wall/flooring/table/tile/Wood cutting and finishing & making good be carried out without any additional cost.
- 5.5 The requirements given in the 'Techno-commercial bid' are only indicative and not exhaustive. The contractor shall be required to complete the project. The decision of IIITDM Kancheepuram authorities in this regard shall be final and binding on the Contractor.
- 5.6 Engineer-in-charge or any other representative/official deputed by the IIITDM Kancheepuram shall have the right to inspect or to test the materials to establish their conformity to the ordered specifications. The Contractor shall provide all reasonable facilities and assistance to such representative without any charges to the IIITDM Kancheepuram in this regard. Further, IIITDM Kancheepuram may direct the Contractor to get any/all materials/samples tested from the specified organization(s) to conform to the tendered specifications at the Contractor's cost. In case any inspected or tested material fails to conform to the ordered specifications or workmanship is found to be unsatisfactory, IIITDM Kancheepuram may reject them, and Contractor shall either replace the rejected material or make alternative arrangements necessary

- to meet the stipulated specifications and rectify the defects pointed out in the workmanship, at no additional cost to IIITDM Kancheepuram.
- 5.7 Work shall be executed and completed as per the technical terms and conditions of this document. In case the Contractor fails to complete the assigned work within specified Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.
- 5.8 The Contractor shall, at his own expense, arrange for the safety provisions as appended to these conditions or as required by the Engineer-in-Charge, in respect of all labor directly or indirectly employed for the performance of the works and shall provide all facilities in connection therewith.
- 5.9 The Contractor shall be responsible for providing constant and adequate supervision of the work to ensure compliance with the provisions of laws relating to safety and for taking all practical steps necessary to prevent accidents.
- 5.10 Stores and Materials required for the works brought by the Contractor shall be stored by the Contractor only at places approved by the Engineer-in-Charge. Storage and safe custody (watch & ward) of material shall be the responsibility of the contractor. The contractor shall ensure that no materials/ wastes/equipment are dumped at the site. Proper cleaning and debris removal should be done daily
- 5.11 No compensation shall be payable to the contractor for any damage caused by rains, lightning, wind, or storm any other natural calamities during execution of the work. He shall make good all such damages at his own cost, and no claim on this account will be entertained.
- 5.12 The main contractor shall enter into MoU with agencies associated by him/her for execution of Electrical wiring and specialized component of Air conditioning works. He/she shall submit the required certificate of working experience immediately after award of the work.
- 5.13 In case the main contractor intense to change any agency/agencies during the execution of the contract he/she shall obtain prior approval from the Engineer-In-charge.

6. Commercial terms:

- 6.1 The work shall be executed and completed within '75' working days (Excluding Sundays and Public holidays) from the date of Commencement of the Work. If the Contractor fails to complete the assigned work within the specified Work Completion Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram, on its part, would be required to hand over the site to the Contractor free from any encumbrance.
- 6.2 Item Rates quoted on the "Techno-Commercial Bid" by the bidder shall be valid and constant during the entire contract period and will not be subject to any variation on any account whatsoever.
- 6.3 The contractor needs to work at all heights and floors wherever applicable, and the cost should be included in the techno-commercial bid.

- 6.4 Measurements of all items having financial value shall be recorded in Measurement books to obtain a complete record of all works performed under the contract. Measurements shall be taken jointly by the IIITDM Kancheepuram official designated for the purpose and the Contractor.
- 6.5 Payment of bills shall be made against supply, acceptance, and after verification of the bill by the Institute after deduction of taxes and TDS as per applicable rules. The running account bill/Final bill shall be submitted by the contractor after the execution of work, and the completion certificate shall be furnished by the Institute after the completion of work in full. Payment to be made only for the work actually done.
- 6.6 The Contractor shall take at his own cost, necessary insurance cover for staff and other personnel to be employed or engaged by him in connection with the afore mentioned services personnel by services to be rendered.
- 6.7 Statuary deductions of taxes at source will be carried out from the payment due at the prevalent rates as prescribed by the government.
- 6.8 No accommodation shall be provided within the premises. The Contractor shall be solely responsible for arranging suitable accommodation for all staff and personnel employed or engaged by him outside the premises.
- 6.9 Before commencement of the work the contractor shall submit and get the approval of the shop drawing for Civil, Electrical & Air conditioning works.
- 6.10 For the VRF Air conditioner and electrical major items required test certificates, manuals, brochures and warranty/Guarantee certificate with OEM serial numbers to be submitted. The contractor has to submit the complete Air conditioner planning, drawing and OEM specifications prior to the commencement of the work.
- 6.11 i) The Civil & Electrical works shall cover a warranty/ defect liability period of 36 months after successful completion of work.
 - ii) The Air conditioning works shall cover a warranty/defect liability period minimum 12 Months or as per the manufacturer warranty whichever is higher.

7. Fraud and Corruption:

- 7.1 IIITDM Kancheepuram requires that bidders, suppliers, contractors, and any other entities engaged in the execution of works observe the highest standards of ethics. In pursuit of this policy,
- 7.2 The terms set forth below are defined as follows:
- 7.3 "Corrupt Practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of a public official in the execution of a work.
- 7.4 "Fraudulent Practice" means a misrepresentation or omission of facts to influence the execution of a work.
- 7.5 "Collusive Practice" means a scheme or arrangement between two or more parties designed to manipulate competition, restrict fair execution, or artificially influence contract terms.
- 7.6 "Coercive Practice" means harming or threatening to harm, directly or indirectly, persons or their property to improperly influence work execution.

7.7 IIITDM Kancheepuram will terminate or take appropriate legal action against a contractor if it determines that the contractor, directly or through an agent, has engaged in corrupt, fraudulent, collusive, or coercive practices during the execution of the work.

8. Other conditions:

- 8.1 The institute reserves the right to reject any or all the bids without assigning any reasons thereof. No tenderer shall have any cause of action or claim against IIITDM Kancheepuram for rejection of his bid.
- 8.2 The IIITDM, Kancheepuram has a right to cancel the awarded work at any point in time in case the contractor's performance is not up to the mark by giving a termination letter.
- 8.3 The tender document is not transferable, and Conditional Tenders / Non-compliance with any of the conditions set in the tender document shall render the bid liable for rejection.
- 8.4 IIITDM Kancheepuram reserves the right to seek any clarification from the bidders or waive any minor deviation in the provisions governing the contract at its sole discretion.
- 8.5 The IIITDMK reserves the right to accept the offer in full or in parts or reject the offer summarily or partly without assigning any reasons.

9. Tender Envelope Should Contain:

9.1 Technical Bid:

- 9.1.1 Bid Submission & Self-declaration Proforma (As per Annexure 1)
- 9.1.2 Qualification Proforma (As per Annexure 2)
- 9.1.3 Integrity pact (To be uploaded by the bidder on Rs.100/- non-judicial paper) (As per Annexure 4)
- 9.1.4 Copy of EMD payment details / Valid MSE Certificate
- 9.1.5 Cancelled cheque / Bank Details (To refund the EMD if required)
- 9.1.6 Copy of GST certificate.
- 9.1.7 Copy of similar works experience proof, i.e., a copy of a valid work completion certificate(s) along with its work/ purchase order, must be attached as per the aforementioned.

9.2 Financial Bid

- 9.2.1 Techno-commercial bid (As per the Annexure-3)
- 10. Further, refer & comply with the in-detail "General terms and conditions" mentioned as follows:

B) GENERAL TERMS AND CONDITIONS

1. THE BID DOCUMENT: The works required, bidding procedures and contract governing terms are described in the bidding document. In addition to the Notice Inviting Tender, the Tender documents shall include all the NIT documents, agreement, BG format and other Annexures.

PREPARATION OF BIDS:

1.1 Tender document complete in all respect needs to be submitted by the bidder only through online CPPP portal https://eprocure.gov.in/eprocure/app

- 1.2 Bid shall contain **EMD/ MSE Exemption** along with detail and documents conforming to eligibility criteria, experience of bidder, schedule of work duly filled with unit price amount separately for each item etc., as mentioned in the tender document. Each page/document of the bid should be digitally signed by the tenderer of his authorized representative. Rates should be quoted inclusive of excise duty, freight & forwarding, installation, testing and commissioning and excluding GST as applicable. No extra rate will be paid by the institute on any account separately.
- 1.3 The price bid submitted in the tender shall be in the form of typed quoting including all relevant financial quotes, in words as well as figures as stipulated, digitally signed by tenderer / Agency / Firm, Special concession in rates if any applicable for Educational Institutions shall also be offered and indicated clearly.
- 1.4 Hand written financial quotes in the tender form are liable to be rejected. In case of difference between words and figures the amount mentioned in the words will be taken to be correct. In case computing error is found in amount column by multiplying quantity and unit price, price indicated as unit price shall be treated as quoted price and amount column shall be re calculated and considered for price ranking. No page should be left Blank.
- 1.5 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the person or persons signing the bid.
- 1.6 A check-list/bidder experience format needs to be submitted by all the bidders.
- 1.7 All documents forming a part of the Tender document should be digitally signed by the authorized bidder. Failure to do so will be treated as non-fulfillment of the tender conditions and the bid shall be liable to be rejected.
- 1.8 The bid prepared by the bidder and all correspondences and documents relating to the bid exchanged by the bidder and the institute shall be typed in English language only. Supporting documents and printed literature furnished by the bidder may be in any other language also provided they are accompanied by an accurate translation of the relevant passages in English/Hindi, in which case, for purposes of interpretation of the bid, the translation shall prevail.
- 1.9 The bid papers/documents, duly filled/typed in and complete in all respects shall be submitted together with requisite information and Annexure/Appendices. It shall be complete and free from ambiguity, change or interlineations.
- 1.10 The bidder should indicate at the time of quoting against this tender their full postal addresses and telephone numbers.
- 1.11 Any work, which is not specified and required to be done for satisfactory completion of project, the same shall be carried out as directed by the Engineer-in-charge of IIITDM.
- 1.12 Apart from submitting through CPPP, bids tendered through Hard copy/ Telex/ Telegraphic/ Tele fax/email/post or any other mode shall not be considering for the award of this contract.
- 2. **DEADLINE FOR SUBMISSION OF BIDS:** The Bids must be submitted not later than the **date** prescribed in the tender document.
- 3. LATE/WRONGLY DELIVERED BIDS: Bidders are advised in their own interest to ensure that there are submitted before the closing date and time of the tender. Any bid received after the stipulated deadline for submission of tenders or delivered at/to some other place/authority shall be liable to be rejected and decision of IIITDM Kancheepuram shall be final and binding on all the bidders.

- 4. **INCOME TAX LIABILITY:** The Contractor will have to bear entire Income Tax liability both corporate and personal whatsoever at his own end and IIITDM Kancheepuram shall in no way be under any obligation to bear it.
- 5. PERIOD OF VALIDITY OF BIDS: Bids shall be valid for acceptance normally for a period of 3 months or as indicated in 'General Information' (hereinafter referred to as validity period) and shall not be withdrawn on or after the opening of bids till the expiry of the validity period or any extension agreed to thereof. In exceptional circumstances, prior to expiry of the original bid validity period, the IIITDM, Kancheepuram may request the Bidders for specific extension in the period of validity. The requests and the responses shall be made in writing. The Bidders will undertake not to vary/modify their bids during the validity period or any extension agreed to thereof.
- **6.** UNSOLICITED POST TENDER MODIFICATIONS: Unsolicited request for post-tender modification(s) shall lead to rejection of the offer.
- 7. NON CONFIRMATION TO STIPULATIONS OR SPECIFICATIONS: Every bidder must note that his/her Bid shall be liable to be rejected in case the tender stipulations are not complied with strictly or the specifications offered by the bidder do not conform to the required specifications indicated therein. The lowest Bid will be determined from among those Bids, which are in full conformity with the required specifications/ conditions.
- **8. CONTACTING IIITDM AUTHORITIES:** No bidder shall contact any of the IIITDM Kancheepuram authorities on any matter relating to his bid, from the time of the opening of the bids to the time the contract is awarded.
- 9. EXAMINATION AND EVALUATION OF BIDS: A committee/person constituted by the IIITDM Kancheepuram for this purpose will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the complete documents duly signed have been furnished, and whether the bids are generally in order. The committee/person shall determine the conformity of each bid to the bidding documents. If felt necessary, the Committee/person may seek clarification/additional information from the bidders at any stage before the Contract is finally awarded.
- 10. CRITERIA FOR THE AWARD OF CONTRACT: IIITDM Kancheepuram will award the contract to the successful bidder whose bid has been determined to be in full conformity with the bid documents and has been determined as the lowest evaluated bid.
- 11. CANCELLATION OF TENDER PROCESS: Committee/ person duly constituted by the IIITDM Kancheepuram, reserves the right to reject, accept or prefer any bid and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for its actions and decisions. The IIITDM reserves the right to accept any bid in part or split the contract between two or more bidders.
- 12. NOTIFICATION OF AWARD (NOA)/ AWARD OF WORK ORDER: Prior to the expiry of bid validity period, IIITDM Kancheepuram will notify to the successful bidder in writing that his/her bid has been accepted.

13. SECURITY DEPOSIT

13.1 Successful Bidder shall submit the Security Deposit as prescribed in the tender document in the form of a Crossed Demand Draft/Pay Order/Banker's cheque/FDR drawn/Bank guarantee in favor of "The Registrar, IIITDM Kancheepuram", payable at Chennai.

- 13.2 Within 07 (SEVEN) working days of the receipt of Notification of Award (NOA) / Award of Work order from IIITDM Kancheepuram, the successful bidder shall furnish Security Deposit in accordance with the conditions of the contract as per Para above.
- 13.3 Failure of the successful bidder to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of his/her Earnest Money Deposit.
- 13.4 In case the work is abandoned during the course of work by the contractor or failure of Contractor to comply with the directions of IIITDM Kancheepuram or Contractor fails to complete the assigned work within the Work Completion Period, or quality of the work is found to be unacceptable to the institute or the Contractor is unable to rectify the defects within the time frame provided for completion of the work or not providing satisfactory services during the Defect Liability Period as specified, the Security Deposit is liable to be forfeited, without prejudice to other remedies at the sole discretion of IIITDM, Kancheepuram.
- 13.5 On successful completion of the Contract, Security Deposit will be released after completion of Defect Liability Period from the date of completion of work/AMC, as mentioned in NIT terms and conditions.
- 13.6 No interest will be payable by the Institute to the Contractor on the Security Deposit / Performance Guarantee.
- 14. SIGNING OF CONTRACT: The successful bidder shall be required to sign a formal detailed contract / agreement with IIITDM Kancheepuram within a period of 07 working days after depositing Security Deposit. Failure to do so on the part of the Contractor, Notification of Award is liable to be cancelled and Security Deposit is liable to be forfeited.
- 15. COMMENCEMENT OF WORK: Successful bidder shall be required to commence the work within 07 working days after signing the contract or handover of site, whichever is earlier. In case of failure to commence the work by the Contractor within 07 days after signing of the contract or handover of site, the Institute shall be at the liberty to terminate the Award and forfeit the Security Deposit.
- 16. WORK COMPLETION PERIOD: Work shall be executed and completed as per the scope of work detailed in the NIT. In case the Contractor fails to complete the assigned work within specified Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.

17. COMPLIANCE TO SCHEDULE OF WORK:

- 17.1 The requirements given in the 'Schedule of Work' are only indicative and not exhaustive. Contractor shall be required to complete the work as per Central Public Works Department / Original Equipment Manufacturer / Indian Standard, state/central Govt. norms & institute norms, the decision of IIITDM Kancheepuram authorities in this regard shall be final and binding on the Contractor.
- 17.2 Timely completion of the assigned work / attending the complaint shall be the sole responsibility of the Contractor and in the event of his/her failure to do so, this Institute reserves the right to get it done at the risk and cost of the Contractor. The expenditure so incurred by IIITDM Kancheepuram shall be deducted from the payments due to the Contractor or from the Security Deposit and/or Performance Guarantee, as deemed fit by the Institute.
- 17.3 The Contractor shall work in a way such that it should not affect or inconvenient to institute works or other contract works or equipment of IIITDM, Kancheepuram. If institute felt inconvenience due to contractor work during office hours, the Contractor may have to do the

- work after office hours or on weekends/holidays in a safe manner, which is by considering all contractor/ IIITDM hazardous equipment into account.
- 17.4 Decision of IIITDM Kancheepuram regarding satisfactory completion of the job will be final & binding on the Contractor. If the work is not found satisfactory then the Contractor may be asked to redo the work at no additional cost to IIITDM Kancheepuram. The Contractor shall be bound by any such decision, directions of IIITDM Kancheepuram officials.
- 17.5 The Contractor shall ensure performance of all activities, which have been listed under the 'Schedule of Work' of the tender document. He/ She shall be under obligation to carry out all of the works stipulated in the contract.
- 17.6 Failure to comply with the conditions governing this Contract, the Contractor is liable for Penalty and Termination of Contract as stipulated in this Tender Document.

18. INSPECTION AND QUALITY ASSURANCE

- 18.1 Engineer-in-charge or any other representative/Third Party Quality Assurance or any other officials deputed by the IIITDM, Kancheepuram shall has a right to inspect, test and review the work/service/maintenance/supplied materials provided by the contractor at any point of time during the contract and during the review or inspection and contractor is bound to make good the deficiency pointed over by the Third Party Quality Assurance or officials failing which Institute will make appropriate recovery from those Item of bills.
- 18.2 IIITDM Kancheepuram may direct the Contractor to get any/all materials/samples tested from specified organization(s) / OEM / ISI for conforming product standard specifications at the cost of the Contractor.
- 18.3 The supply of materials, equipment etc., should be conforming to reputed OEM brands and ISI marks also the works must be carried as per Govt. norms and as per the direction of IIITDM Engineer-in-charge. Samples of all materials, spares / fixtures as specified in 'Schedule of Work' shall be got approved from the Engineer-in-charge before their use by the Contractor. Catalogues / Brochures/test certificates are also to be brought by the Contractor along with samples wherever required.
- 18.4 In case, any inspected or tested material fails to conform to the product standard specifications i.e., replacement of ISI marked item or workman ship is found to be unsatisfactory at any stage IIITDM Kancheepuram may reject them and Contractor shall either replace the rejected material or make alternative arrangements necessary to meet the stipulated specifications and rectify the defects pointed out in the workman ship, at no additional cost to IIITDM Kancheepuram, within the Work Completion Period as per terms and conditions.
- 18.5 All the unused materials like iron bars, rods, clips, wires, cables, cards, electrical & electronic boards, nails, carton box, wooden packing materials, oil, cloth, papers, plastic covers and other stones, debris (Malba and rubbish material) etc., shall be removed and suitably disposed of outside building premises regularly and after the completion of the work at no additional cost. The site should be handed over to IIITDM Kancheepuram in good condition. The Contractor shall bear sole liability for proper disposal of debris.
- 18.6 Watch and ward of the material, tools and tackles used by the Contractor before/during and after execution of work shall be the responsibility of the Contractor till job is duly completed and handed over to the Institute. IIITDM Kancheepuram shall in no way be responsible for the security of the material kept in IIITDM premises for the purpose of the Contract.

18.7 If required, the contractor has to make the arrangements for Engineering in charge of IIITDM to inspect or test the ordered materials/ equipment at manufacturing premises without any additional cost.

19. COMPLIANCE OF STATUTORY PROVISIONS, LAWS, RULES, ORDERS, NOTIFICATIONS, ETC. ISSUED BY GOVERNMENT FROM TIME TO TIME:

- 19.1 The Contractor shall comply with all the statutory provisions, laws, rules, orders, notifications, etc., issued by Central or State or Local Government as applicable to this contract from time to time while discharging his responsibilities under this contract and indemnify the Institute against any loss which accrues to the IIITDM, Kancheepuram directly or indirectly on account of commission/omission of his responsibilities under this contract.
- 19.2 The Contractor shall not engage/employ persons below the age of 18 years.
- 19.3 In case any workman suffers any injury or meets with any accident while performing duty, the liability under Workmen's Compensation Act or any other Law shall be borne fully by the Contractor and IIITDM Kancheepuram shall not be liable for any claim for damages or compensation.
- 19.4 IIITDM Kancheepuram shall not be responsible for any claim, whatsoever, against the Contractor from third party sources including claims, if any, from the men employed by the Contractor under this Contract.
- 19.5 The Contractor shall be fully responsible and liable if any person engaged/planned to be engaged by him/her, for the purpose of this Contract, is involved in any unlawful activity including theft, pilferage, sabotage, terrorism etc. during their presence in IIITDM Kancheepuram, under the provisions of this Contract. If required the Contractor shall be required to certify that persons deployed by him/her are not involved in any unlawful activity including theft, pilferage, sabotage; terrorism etc. and he shall be fully responsible/liable for their conduct. Contractor should also obtain entry passes; gate passes for the persons & deployed by him for work, from the concerned section in charges of the institute.
- 19.6 For successful implementation of the terms and conditions of this agreement, the staff employed by the Contractor shall be cooperative with the institute's security. Further, prior to every gate entry an intimation should give to the Engineer-in-charge of IIITDM Kancheepuram.
- 19.7 The Contractor shall ensure that IIITDM Kancheepuram property is not damaged due to his staff's carelessness or through use of any material/methods etc. and in case of any damage or loss, Contractor shall be liable to make good the loss. The decision of IIITDM Kancheepuram as to the quantum and value of damage/loss and the extent of recovery to be made from him shall be final and binding on the Contractor.
- 19.8 The vendor shall take care of all men and machinery safety and precautionary measures during the execution of the awarded construction work/Supply Installation Testing Commissioning / erection & commissioning work/AMC work/maintenance work/ service work.
- 19.9 Contractor shall carry out all the works as per the below specifications:
 - 19.9.1 CPWD General specifications for Civil & Electrical works as amended up to date.
 - 19.9.2 National building code as amended up to date. Bureau of Indian standards.
 - 19.9.3 National Electrical code.
 - 19.9.4 Indian Electricity rules 1956 and its amendments.
 - 19.9.5 The relevant IS code for Civil, Electrical & Mechanical items.

- 19.10 During execution of the work contractor shall display the men at work/ work under progress and danger boards, signs boards and bifurcation tapes / notices at the working area.
- 19.11 All the contract employee working inside the campus shall wear uniform, safety helmet, safety shoe, safety hand Glove, nose mask and other safety Personnel Protective Equipments (PPEs) with identification badge/ID card issued by the Contractor. They should possess requisite license/certificate, which will be verified before commencement of work.
- 19.12 The Contractor shall take at his own cost, necessary machinery/equipment/material insurance and medical / life and other insurance cover in respect of staff & other personnel to be employed or engaged by him in connection with the afore mentioned services personnel by services to be rendered.
- **20. POWER TO ISSUE INSTRUCTIONS:** IIITDM Kancheepuram may in its absolute discretion & from time to time issue further written instructions, detailed directions & explanations in regard to:
 - 20.1 Minor addition, reduction, omission, modification or substitution of any work included in the Contract.
 - 20.2 Minor variation / discrepancy in the dimension's or drawings if any, or between the Bill of Quantities and /or Specification.
 - 20.3 The removal of any material like unused/waste/scrap materials brought thereon by the Contractor & the substitution of any other material in the site.
 - 20.4 The opening up of or inspection of any work covered up.

21. THE BIDDER SHALL FOLLOW AND COMPLY WITH THE FOLLOWING TERMS & CONDITIONS:

- 21.1 Quoting merely the lowest price does not confer any right to any bidder for award of work order. The IIITDM reserves the right to select any bid on the grounds of quality, offer of additional / special features, compatibility etc.
- 21.2 The IIITDM also reserves the right to reject any bid, sub-standard products even if they are found to be lowest.
- 21.3 The IIITDMK reserves the right to accept the offer in full or in parts or reject the offer summarily or partly without assigning any reasons.
- 21.4 Bidder shall have Civil / Electrical contractors license or enlisted contractor certificates from the state/ central authorities (like: CPWD/PWD/Elect. Licensing board etc.,)
- 21.5 For better appreciation of 'Scope of work & schedule of maintenance' under this Contract, the bidders are advised to **visit the site of the work** on **the prescribed date**.
- 21.6 Statuary deductions of taxes at source will be carried out from the payment due at the prevalent rates Appropriate safety measures, proper housing facility, clean drinking water requirement and sanitation requirement with adequate no. of decentralized toilets for site construction workers as per NBC 2005.
- 21.7 Water and power will be made available free of cost for the prescribed work.

22. BREACH OF TERMS AND CONDITIONS:

- 22.1 Quality of Maintenance and services is the essence of the contract. If the quality of service remains poor for a period of 15 days in spite of communication from IIITDM Kancheepuram, the contract may be terminated at the discretion of Competent Authority.
- 22.2 In case of breach of any terms and conditions as mentioned above, the IIITDM, Kancheepuram shall have the right to cancel the work order / job without assigning any reason thereof and nothing shall be payable by IIITDM Kancheepuram in that event the security deposit shall also stands forfeited.
- 23. PENALTIES AND LIQUIDATED DAMAGES: If the Contractor fails to complete the assigned AMC/work during the period as per the work order, IIITDM Kancheepuram shall without prejudice to its other remedies, deduct as liquidated damages 0.5% of the Contract Value (or) particular work value for each and every week of delay (part of the week shall be considered as full week) subject to maximum of 10% of the Contract Value (or) particular work value and the same shall be deducted from the bill(s) or any other payment due to the Contractor. The competent authority will evaluate the incomplete work/delayed work and take appropriate decision for penalty/liquidity damages. In addition to it, Institute shall be at the liberty to terminate the Contract, and/or forfeit the Security Deposit, in case, Contractor fails to complete the assigned work within the 'AMC Period'.
- 24. FAILURE BY CONTRACTOR TO COMPLY: After receipt of written notice from the IIITDM Kancheepuram during the execution of work, requiring compliance with such further drawings if any, &/or IIITDM Kancheepuram's instructions, fails within seven days to comply with the same, the IIITDM Kancheepuram may employ and pay other persons to execute any such work whatsoever as may be necessary to give effect thereto and all costs incurred in connection therewith shall be recoverable from the Contractor by the IIITDM Kancheepuram.
- 25. TERMINATION OF CONTRACT: It shall be the primary responsibility of the Contractor that work contract is executed as per Terms and Conditions stipulated under this contract to complete satisfaction of the institute. If the Contractor fails to commence the work and/or the performance is not found to be satisfactory by the institute and/or on inspection, the Contractor fails to provide all reasonable facilities and assistance to the inspector without any charges to the IIITDM Kancheepuram and/or fails to either replace the rejected material or make all alternative arrangements necessary to meet specification and correct the defects pointed out in the workman ship free of cost to the IIITDM Kancheepuram within the Work completion Period, Institute may terminate the contract and/or forfeit the Security Deposit or penalized as per the terms and conditions.
- 26. **DEFECT LIABILITY PERIOD:** If any defect is noticed within warranty/ defect liability period from the date of completion of work/ commissioning of item / item replacement, the same shall be rectified by the Contractor upon a notice to that effect and within stipulated period (As per NIT) therein failing which IIITDM Kancheepuram may forfeit the Security Deposit.
- 27. ARBITRATION: In the event of any dispute or disagreement under or in relation to this Agreement or over the interpretation of any of the terms hereinabove contained or any claim or liability of the Contractor, the same shall be referred to the sole Arbitrator to be nominated by mutual consent of both parties therein. The intending party will serve notice in writing upon the other party notifying its intention for appointment of Arbitrator. Should both parties fail to agree on by mutual consent, then IIITDM Kancheepuram will appoint the sole Arbitrator. The provisions of Arbitration and Conciliation Act, 1996 will apply. The arbitration proceedings will be held in Chennai. The Arbitrator will give reasons for his/her award and the award passed by the Arbitrator shall be final and binding upon the parties herein. Such reference shall be deemed to be a submission to arbitration under the Indian Arbitration and Conciliation Act, 1996, or of any modifications or reenactment thereof including the rules framed there under.

28. JURISDICATION OF COURTS: All disputes are subject to the jurisdiction of courts of Chengalpattu and agreement will be governed by and be construed in accordance with the laws of Govt. of India.

DISCLAIMER: The quantities mentioned in the "Scope of work" are illustrative only and not exact in nature. **They may increase or decrease during actual execution of work.** The Institute shall not be liable for any financial loss, sustained by the contractor in case the quantity of work executed by the contractor is at variance with the illustrated quantities.

Sd/-Registrar IIITDM Kancheepuram

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work	Providing and fixing Modular Partitions, SITC of Electrical wiring and VRF Air Conditioning works for Room No's: 615 & 617 of Laboratory Building at IIITDM Kancheepuram
Tender No.	IIITDM/2025-26/Engg/Civil239/002; Dated: 18.04.2025

To

The Registrar, IIITDM Kancheepuram, Chennai 600127.

Dear Sir,

- 1.1 I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking/Autonomous Body, etc., anywhere in the country.
- 1.2 I/We hereby offer to quote for work as defined in 'Financial bid/ Techno-Commercial Bid' and the relevant Annexures at the quoted price given in the 'Techno-Commercial Bid' Proforma as per Annexure-3 and agree to hold this offer open for 03 months from the due date.
- 1.3 I/We have read, understood, and complied with all Terms and Conditions stipulated in the Tender document necessary for the submission of this bid.
- 1.4 It is further stated that I/We have fully read and understood the 'Techno-Commercial Bid' Terms and Conditions in the Tender Document governing this contract and shall abide by them in total if awarded the Contract.
- 1.5 The EMD amount will be returned to the unsuccessful bidder, as mentioned in the tender document.
- 1.6 I/We do hereby agree that if our Firm has not provided a valid MSE Certificate (the classification of the enterprises should be updated in the financial year, i.e., 2024-25) and valid work completion certificate(s) along with its work/ purchase order(s), it will not be considered for the further evaluation process.

Date:	Yours faithfully,
	Digital Signature

Note: This form duly typed on the letterhead of the bidder and duly signed should be uploaded forming Annexure-1 of this Bid document.

QUALIFICATION PROFORMA

Name of the work	Providing and fixing Modular Partitions, SITC of Electrical wiring and VRF Air Conditioning works for Room No's: 615 & 617 of Laboratory Building at IIITDM Kancheepuram
Tender No.	IIITDM/2025-26/Engg/Civil239/002; Dated: 18.04.2025
Name of the bidder (Firm)	
Contact details of the bidder:	
Registered office/works office Address	
(Please enclose a copy of valid proof)	
Mobile	
Email id	
GST No.	
(Please enclose the copy of GST)	
PAN No.:	
EMD payment details/ MSE details: (Please enclose	
valid proof) (the classification of the enterprises	
should be updated in the financial year i.e., 2024-25	
Bank details for EMD refund:	
(Please enclose valid proof)	
Bid Submission & Self-declaration Proforma:	
(Please enclose the annexure-1)	
Integrity pact (To be uploaded by the bidder on	
Rs.100/- non-judicial paper)	
(Please enclose the annexure-4)	
Experience:	
Having Similar Civil works execution experience preferably awarded by the State Govt./Central	
Govt./Autonomous /Reputed corporate	
institutions/organizations, for the value enlisted below	
and executed on or after 01/01/2020	
a. Rs. 116.0 lakhs Excl. GST for a single work order.	
(or)	
b. Rs. 72.60 lakhs Excl. GST each for two work	
orders.	
(or) c. Rs. 58.10 lakhs Excl. GST each for three work	
orders.	
(Please enclose copy of valid work completion	
certificate(s) along with its work/ purchase	
order(s))	
Details of Manpower availability:	
(Number with their qualification & experience):	
(Add separate sheet if required)	

Declaration:

I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

TECHNO-COMMERCIAL BID

	of the work	Providing and fixing Modular Partitions, SITe Conditioning works for Room No's: 615 & 61 Kancheepuram.	7 of Labora			
Tender		IIITDM/2025-26/Engg/Civil239/002; Dated:	18.04.2025			
Name o	of the Bidder			<u> </u>	D	
S. No.		Description	Qty	Unit	Ra te	Amount
	PAI	RT A (Modular partition works)				
1	ventilators and p extruded built is sections and other 733 and 16: 1285 size, including notop, bottom and gasket etc. Alustraight, mitred including cleat a paneling, C.P. but architectural draw	fixing aluminum work for doors. windows, artitions, Modular partitions (double skin) with ap standard tubular sections/ appropriate Z or sections of approved make conforming to IS: 5, fixing with dash fasteners of required dia and eccessary filling up the gaps at junctions, i.e., at sides with required EPDM rubber/neoprene minum sections shall be smooth, rust free, and jointed mechanically wherever required angle, Aluminum snap beading for glazing / rass / stainless steel screws, all complete as per awings and the directions of Engineer-ing, paneling, and dash fasteners to be paid for to / Jindal.				
1.1	For fixed portion	1				
1.11	coating 50 micro	,	4323.00	kg		
2	IS: 15786:2008 of in aluminum doc C.P. brass / st	sing cement bonded wood particle board as per of approved brand and shade, in paneling fixed ors, windows shutters and partition frames with rainless steel screws etc. complete as per wings and directions of Engineer-in-charge.				
2.1	decorative lamin other side 8mm t Make: Bison	tement bonded wood particle board with ation on one side and balancing lamination on thick as per IS 15786:2008	1462.00	sqm		
3	over the cement partition. (For m measured). Make: ISI app		417.00	sqm		
4	ventilator shutte neoprene gasket and the directio snap beading sha Make: Saint G	fixing glazing in aluminum door, window, ers and partitions etc. with EPDM rubber / etc. complete as per the architectural, drawings ns of engineer-in charge (Cost of aluminum all be paid in basic item): obain /Modiguard.				
4.1	10 kg/sqm)	panes of 4.0 mm thickness (weight not less than	111.00	sqm		
4.2	With float glass plass plass plass plass place with float glass place place with the state of the with float glass place	panes of 5.0 mm thickness (weight not less than	21.00	sqm		

	Providing and fixing 12mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting			
5	hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer in charge (All fittings to be paid separately) Make: Saint Gobain / Modiguard.	59.00	sqm	
	Providing woodwork for frames for false ceilings, doors,			
6	windows, partitions, and other structures, using wrought and framed including fixed in position with necessary stainless steel screws, holdfast lugs or dash fasteners of the required diameter along with all necessary hardware etc., complete as per the direction of the Engineer-in-Charge,			
6.1	Second class teak wood	4.90	Cum	
7	Providing and fixing 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand boxes, shelves, racks, almirah, cupboard and drawer etc. including necessary nails, screws, ss right angle brackets of required size including 2mm thick PVC edge banding tape with hot glue by edge bending machine etc. complete as per direction of Engineer-in-charge. Make: Kit Ply/ Green ply	636.00	sqm	
8	Providing and fixing cupboard shutter with 19mm thick one side decorative and other side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand including 2mm thick PVC edge banding tape with hot glue by edge bending machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer-in-charge. (Payment of providing and fixing auto closing hinges shall be paid separately) Make: Kit Ply/ Green ply	226.00	sqm	
9	Providing and fixing fittings for frameless toughened glass door / glass partitions of approved brand as per the direction of engineer in charge. Make: HAFELE / DORMA			
9.1	Bottom patch fitting for 10-12mm glass, SS Matt finish	28.00	Nos	
9.2	Top patch fitting for 10-12mm glass, SS Matt finish	28.00	Nos	
9.3	Centre patch lock with cylinder for 10-12mm glass, SS matt finish	28.00	Nos	
9.4	H-pull handle back to back fixing 25mm dia x 305 C/C 450 O/A for 10-12mm Glass, SS matt finish	28.00	pair	
9.5	Double action floor spring (FS 2104) with 90 degree hold open and SS cover plate, size 4. Max, door leaf weight 120kg, SS matt finish, for door width 900-1200mm each	28.00	Nos	
9.6	Soft close hinge (metalla 510) full overlay / half overlay 105-degree steel nickel plated 48/6 mm	476.00	pair	
9.7	Furniture pull handle of size 8mm/96mm c/c, SS matt finish	336.00	Nos	
9.8	Magnetic door catcher, plastic housing (white) steel, Pull/Adhesive strength 4 to 5 kg counter piece	672.00	Nos	
9.9	Chromium plated brass cupboard locks (size 40 mm) with six levers of approved quality including necessary screws	56.00	Nos	

		I		1
	Providing and fixing Gl Clip in Metal Ceiling System of			
	600x600 mm module which includes providing and fixing 'C'			
	wall angle of size 20 x 30 x 20 mm made of 0.5 mm thick pre			
	painted steel along the perimeter of the room with help of nylon			
	sleeves and wooden screws at 300 mm center to center,			
	suspending the main C carrier of size 10x38x10 mm made of			
	G.I steel 0.7 mm thick from the soffit with help of soffit cleat			
	37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier			
10	suspension clip and main carrier bracket at 1000 mm c/c.			
	Inverted triangle shaped Spring Tee having height of 24 mm			
	and width of 34 mm made of Gl steel 0.45 mm thick is then			
	fixed to the main C carrier and in direction perpendicular to it			
	at 600 mm centers with help of suspension brackets. Wherever			
	the main C carrier and spring T have to join, C carrier and			
	spring T connectors have to be used. All sections to be			
	galvanized @ 120 gms/sqm (both side inclusive), fixing with			
	clip in tiles into spring T with:			
	GI Metal Ceiling Clip in plain Beveled edge global white color			
	tiles of size 600x600 and 0.5 mm thick with 25 mm height,			
	made of G I sheet having galvanizing of 100gms/ sqm (both			
10.1	sides inclusive) and 20% perforation area with 1.8 mm dia	213.00	sqm	
	holes and having NRC of 0.5, electro statically polyester		•	
	powder coated of thickness 60 microns (minimum), including			
	factory painted after bending and perforation.			
	Make: Saint Gobin / Armstrong			
	Providing and fixing factory made UPVC glazed / wire			
	mesh windows/ doors comprising of lead free uPVC multi-			
	chambered frame, sash and mullion/ coupler (wherever			
	required) extruded profiles having minimum wall			
	thickness of 1.70mm for series R1 and R2 profiles and			
	2.10mm for series R3 and R4 profiles conforming to EN:			
	12608 in any shape, colour and design duly reinforced with			
11	galvanized mild steel section made of required shape			
11	& size as per CPWD specification, uPVC extruded			
	glazing beads, interlocks and inline sash adaptor (wherever			
	required) of appropriate dimension, EPDM gasket,			
	hardware SS 304 grade fasteners of minimum 8mm dia.			
	with countersunk head, comprising of matching polyamide			
	PA6 grade sleeve for fixing frame to finished wall as per IS			
	1367: part 1 to 14, plastic packers, plasticcaps and necessary			
	stainless steel screws etc.			
	Profile of frame, sash & mullion (if required) shall be mitred			
	cut and fusion welded/ mechanically jointed duly sealed at			
	all corners including drilling of holes for fixing hardware's and			
	drainage of water etc. After fixing frame the gap between frame			
	and adjacent finished wall shall be filled with weather proof			
	silicon sealant over backer rod of approved size and quality, all			
	complete as per approved drawing conforming to CPWD			
11.1	specification & direction of Engineer-in-Charge. Section			
	of steel reinforcement and cross sections of uPVC profiles			
	to be as per design approved by Engineer- in- charge. Wire			
	mesh/ Glazing of plain/ toughened/ laminated/ double			
	shall be paid for separately.			
	glass unit with/ without high performance coatings as per design requirements and conforming to IS: 3548 & IS 16231			
	shan of paid for separately.			

11.11 the hander for roller track, wool pile, nylor rollers with \$S 304 body. Using R3 Series with frame (55mm & above) x (40mm & above) & sash / mullion (55mm & above) x (65mm & above). Height up to 1.80 meter Make: Euroline/Plastone Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zine alloy (2amak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above) & sash / mullion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning/ Fosroe 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Make: Ultratech/Dalmia CEMENT PLASTER (IN FINE SAND) 14.1 CEMENT PLASTER (IN FINE SAND) 14.1 CEMENT PLASTER (IN FINE SAND) 14.1 Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqn 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacturer, over the plastered will surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacturer or equivalently formulated interior water proofing primer of approved brand and quality (Smart					Ι
body, Using R3 Series with frame (55mm & above) x (40mm & above) & sash / multion (55mm & above) x (65mm & above). Height up to 1.80 meter Make: Euroline/Plastone Ventilator Casement window single panel with or without fixed panel with S. 304 friction hinges as per size and weight of sash, single point locking zine alloy (zamak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above) & sash /multion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc		Two track two panels sliding window with Aluminum			
Using R3 Services with frame (55mm & above) x (65mm & above) Height up to 1.80 meter Make: Euroline/Plastone Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zinc alloy (zamak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above) & sash 'mullion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning/ Fosroe 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech/Dalmia CEMENT PLASTER (IN FINE SAND) 12.1 me cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech/Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech/Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, aver the plastered wall surface to prepare the surface even and smooth content. With specially formulated interio	11.11	channel for roller track, wool pile, nylon rollers with SS 304			
11.12 above) & sash / mullion (55mm & above) x (65mm & above) sqm		body.			
11.12 above) & sash / mullion (55mm & above) x (65mm & above) sqm		Using R3 Series with frame (55mm & above) x (40mm &			
Hieight up to 1.80 meter Make: Euroline/Plastone Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and weight of sand with S.S. 304 friction hinges as per size and word. 10.11.14 11.14 11.14 11.15 11.16 11.17 11.17 11.17 11.17 11.17 11.17 11.18 11.19 11.19 11.19 11.10 11.11 11.11 11.11 11.11 11.11 11.11 11.12 11.12 11.14 11.15 11.15 11.16 11.16 11.17 11.17 11.17 11.17 11.17 11.17 11.18 11.19 11.19 11.10 11.11					
Make: Euroline/Plastone Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zinc alloy (zamak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc Make: Dow corning / Fosroc Make: Dow corning / Fosroc Dow corning /	11.12		10.00	sqm	
Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zine alloy (zamak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above) & sash /mullion (55 mm & above) x (65 mm & above). Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroe 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of finickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Providing and applying white cement based putty of average thickness I mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture					
11.13 panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zine alloy (zamak) powder coated handles. 11.14 Using R3 series with frame (55 mm & above) x (45 mm & above). (Height above 1.2 meter) Make: Furoline/Plastone Filling the gap in between aluminum frame & adjacent RCC/Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 14.1 Izum cement plaster of mix: Cement mortar 1:6 (1 cement: 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface with white cement based putty of average thickness I mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, average thickness I mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/lite Make: Asian paint / Berger					
sash, single point locking zine alloy (zamak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above) & sash /mullion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Fingineer-in-charge complete. Make: Dow corning / Forsoc 12.1 Up to 5mm depth and 5 mm width 661.00 Mtrs Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia 14.1 CEMENT PLASTER (IN FINE SAND) 14.1 2 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger		Ventilator Casement window single panel with or without fixed			
sash, single point locking zine alloy (zamak) powder coated handles. Using R3 series with frame (55 mm & above) x (45 mm & above) & sash /mullion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Fingineer-in-charge complete. Make: Dow corning / Forsoc 12.1 Up to 5mm depth and 5 mm width 661.00 Mtrs Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia 14.1 CEMENT PLASTER (IN FINE SAND) 14.1 2 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger	11 12	panel with S.S. 304 friction hinges as per size and weight of			
Lising R3 series with frame (55 mm & above) x (45 mm & above) & sash /mullion (55 mm & above) x (65 mm & above).	11.13				
Using R3 series with frame (55 mm & above) x (45 mm & above) & sash /mullion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroe 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of finix /Cement mortar 1:6 (1 cement : 6 coarse sand)Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath incrior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger					
above) & sash /mullion (55 mm & above) x (65 mm & above). (Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing weather silicon sealant over brick/ Stone work by providing brick/ Stone work by providing and seal direction of sealant over brick/ Stone work by providing and spot sealant over brick/ Stone work by stone sealant over brick- Brick/ Stone work by stone sealant over brick- Brick/ Stone work by stone sealant over brick- Brick/ Stone work by stone sealant over brick- Brick/ Stone work by stone sealant of					
(Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Make: Ultratech / Dalmia CEMENT PLASTER (IN FINE SAND) 14.1 carse sandyMake: Ultratech / Dalmia Repair to plaster of finix :Cement mortar 1:6 (1 cement: 6 arca se and) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand parparing and sprearing plastering the patch in proper shaper in a surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacturer, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger		, , ,			
(Height above 1.2 meter) Make: Euroline/Plastone Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer root of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroe 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of fmix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of fmix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger	11.14		8.00	sam	
Filling the gap in between aluminum frame & adjacent RCC/ Brick/ Stone work by providing weather silicon scalant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 14.1 12 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall strace with white cement based polymer modified self-curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath literior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger	11.1.	(Height above 1.2 meter)	0.00	Sqiii	
Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger		Make: Euroline/Plastone			
Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger		Filling the gap in between aluminum frame & adjacent RCC/			
backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand)Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
and direction of Engineer-in-charge complete. Make: Dow corning / Fosroc 12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in Cement mortar 1:6 (1 cement: 6 coarse sand) Make: Ultratech / Dalmia CEMENT PLASTER (IN FINE SAND) 14.1 12 mm cement plaster of mix: Cement mortar 1:6 (1 cement: 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	12				
Make : Dow corning / Fosroc	12				
12.1 Up to 5mm depth and 5 mm width Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia Repair to plaster of mix : Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make : Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make : Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (684.00 sqm content less than 50 grams/litre Make : Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make : Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make : Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make : Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing		Make: Dow corning / Fosroc			
Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in 13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make : Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make : Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make : Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	12.1	Up to 5mm depth and 5 mm width	661.00	Mtrs	
bricks of class designation 7.5 in superstructure above plinth level up to terrace level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 14.1 12 mm cement plaster of mix :Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
level up to terrace level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 15 I2 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand) Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	13				
13.1 Cement mortar 1:6 (1 cement : 6 coarse sand) Make : Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 14.1 12 mm cement plaster of mix : Cement mortar 1:6 (1 cement : 6 coarse sand)Make : Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make : Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make : Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make : Asian paint / Berger	13				
13.1 Make: Ultratech / Dalmia 14 CEMENT PLASTER (IN FINE SAND) 14.1 12 mm cement plaster of mix: Cement mortar 1:6 (1 cement : 6 coarse sand)Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
Make: Ultratech / Dalmia Repair to plaster of mix: Cement mortar 1:6 (1 cement: 6 coarse sand)Make: Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	13.1		6.00	cum	
14.1 12 mm cement plaster of mix :Cement mortar 1:6 (1 cement : 6 coarse sand)Make : Ultratech / Dalmia Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make : Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make : Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (84.00 sqm content less than 50 grams/litre Make : Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	14	CEMENT PLASTER (IN FINE SAND)			
Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing		12 mm cement plaster of mix :Cement mortar 1:6 (1 cement : 6	2600		
Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	14.1	· · · · · · · · · · · · · · · · · · ·	36.00	sqm	
area 2.5 sq m 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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing		/			
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. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
surface with white cement based polymer modified self-curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing Wall painting with premium acrylic emulsion waterproofing					
mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Providing and applying white cement based putty of average thickness I mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (684.00 sqm content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
direction of Engineer-In-Charge. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (884.00 sqm content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	15	surface with white cement based polymer modified self-curing	15.00	sqm	
direction of Engineer-In-Charge. Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (884.00 sqm content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing		mortar, including disposal of rubbish, all complete as per the			
Make: Ultratech / Dalmia Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (844.00 sqm content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
papering and preparing the surface smooth including necessary repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC (844.00 sqm content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
repairs to scratches etc. complete 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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	1.0	Removing write of colour wash by scrapping and sand	(04.00	C	
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. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	16		084.00	Sqm	
thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
plastered wall surface to prepare the surface even and smooth complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
complete. Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	17		324.00	sam	
Make: Asian paint / Berger Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing		1 1		-1	
Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
18 manufacture, having low VOC (Volatile Organic Compound) content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
content. With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	10				
With specially formulated interior water proofing primer of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	18	, , , , , , , , , , , , , , , , , , , ,			
of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
of approved brand and quality (Smart care Damp Sheath Interior or equivalent) on wall/ceiling surface having VOC content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing		With specially formulated interior water proofing primer			
18.1 Interior or equivalent) on wall/ceiling surface having VOC 684.00 sqm content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing					
content less than 50 grams/litre Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	18 1		684 00	sam	
Make: Asian paint / Berger Wall painting with premium acrylic emulsion waterproofing	10.1		007.00	sqiii	
Wall painting with premium acrylic emulsion waterproofing					
paint of interior grade, having VOC (Volatile Organic	10				
	17	paint of interior grade, having VOC (Volatile Organic			

	Compound) content less than 50 grams/liter of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour Make: Asian paint / Berger			
19.1	Two coats	684.00	sqm	
20	Filling the gap in between aluminum/ stone/ wood frame and adjacent RCC/Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600 Make: Dow corning / Fosroc			
20.1	Up to 10 mm depth and 10 mm width	154.00	Mtrs	
	PART B (Electrical)			
21	Supply & laying of following sizes of FRLS or FRLSH, PVC insulated, multi-stranded copper conductor wire should be in line with the incoming phase colour, 1.1KV grade in existing surface / recess / PVC conduits, including floor/tile cutting & finishing by placing of all the accessories & lugs as per the requirement complete etc. Make: Finolex/ Polycab/ / Havells / RR kabel			
21.1	1 Core x 4 Sq.mm for UPS Power (1-ph)			
21.11	Red/ Yellow/ Blue	420	Mtrs	
21.12	Black	420	Mtrs	
21.13	Green	420	Mtrs	
21.2	1 Core x 4 Sq.mm for Raw Power (1-ph)			
21.21	Red/ Yellow/ Blue	490	Mtrs	
21.22	Black	490	Mtrs	
21.23	Green	490	Mtrs	
21.3	1 Core x 2.5 Sq.mm for Lighting (1-ph)			
21.31	Red/Yellow/Blue	420	Mtrs	
21.32	Black	420	Mtrs	
21.33	Green	420	Mtrs	
21.4	1 Core x 1.5 Sq.mm for Lighting (1-ph)			
21.41	Red/Yellow/Blue	660	Mtrs	
21.42	Black	660	Mtrs	
21.43	Green	660	Mtrs	
21.5	1 Core x 10 Sq.mm for Lighting DB (3-ph)			
21.51	Red	90	Mtrs	
21.52	Yellow	90	Mtrs	
21.53	Blue	90	Mtrs	
21.54	Black	90	Mtrs	

21.55	Green	90	Mtrs	
21.6	1 Core x 16 Sq.mm for Raw & UPS power (3-ph)			
21.61	Red	100	Mtrs	
21.62	Yellow	100	Mtrs	
21.63	Blue	100	Mtrs	
21.64	Black	100	Mtrs	
21.65	Green	100	Mtrs	
21.7	1 Core * 4 Sq. mm for AC – Indoor units			
21.71	Red/Yellow/Blue	420	Mtrs	
21.72	Black	420	Mtrs	
21.73	Green	420	Mtrs	
22	Supply & drawing of 1" size PVC cum metallic flexible hose (Steel wire reinforced) for wires with required all accessories etc., ISI marked	84	Mtrs	
23	Supply & drawing of 1" size PVC ordinary hose (Poly propylene) for wires with required all accessories etc., ISI marked	140	Mtrs	
24	Supplying, fixing, testing and commissioning of the following suitable size modular type PVC box, switch socket and connections etc.in the wall/surface/recess with wooden planks, as required. Make: Legrand-Myrius / Crabtree-Thames / MK Blenze Plus.			
24.01	1 module PVC box with modular plate and cover in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	56	No's	
24.02	2 module PVC box with modular plate and cover in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	28	No's	
24.03	3 module PVC box with modular plate and cover in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	28	No's	
24.04	6 module PVC box with modular plate and cover in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	86	No's	
24.05	8 module PVC box with modular plate and cover in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	4	No's	
24.06	Supplying and fixing of 3 pin 5/6 A modular socket outlet connections etc., as required.	240	No's	
24.07	Supplying and fixing of 5/6 A modular switches, connections etc., as required.	336	No's	
24.08	Supplying and fixing of 6 Pin, 15/16A combined modular socket outlet connections etc., as required.	56	No's	
24.09	Supplying and fixing of 15/16A combined modular switches and connections etc., as required.	84	No's	
24.10	Supplying and Fixing of modular Blanking Plate on the existing Modular plate and switch box excluding modular plate etc., as required.	40	No's	

24.11	Supplying and fixing two module, 100 watt, 5 stepped electronic fan regulator on the existing modular plate & box including connections etc., as required.	28	No's	
25	Supplying, fixing & termination of suitable size '2' module PVC box with Suitable for RJ45 LAN modular plate and cover in front on surface or in recess or in wooden table, including providing and fixing of 2 No's of RJ 45 LAN socket outlet, termination, crimping, connections & marking etc., as required. Make: Legrand-Myrius/ Crabtree-Thames	28	No's	
26	Supplying and drawing of UTP 4 pair CAT 6 LAN cable in the existing surface / recess steel / PVC conduit as required. Make: Polycab/ Finolex/ Molex			
26.1	2 run of cable	1120	Mtrs	
27	Supplying and fixing following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required. Make: Precision/ Avonplast/ Anchor/ Modi			
27.1	20 mm	120	Mtrs	
27.2	25 mm	120	Mtrs	
28	Supply and fixing of 100 mm x 50 mm size PVC cable management internally partitioned on surface/ recess on wall/ partition/ metal with required bends, internal angles, flat angles, end caps, T joints along with necessary fixing requirements. Make: Legrand/ MK	30	Mtrs	
29	Supply and fixing of the Mini-trunking - 32 x 20 mm Cable management System on surface including all finishing accessories complete etc., as required. Make: Legrand/ MK	112	Mtrs	
30	Dismantling the 2 x 2 LED fittings from the existing location and re fixing the same fitting at the proposed locations as per the revised cubicle layout making connections with proper jointing with 1.5 sq mm FRLS PVC insulated copper conductor cable & connectors complete as required.	64.00	No's	
31	Dismantling the 1200 mm sweep ceiling fans from the existing location and re fixing the same fans at the proposed locations as per the revised cubicle layout making connections with proper jointing with 1.5 sq mm FRLS PVC insulated copper conductor cable & connectors complete as required.	28.00	No's	
32	Supply & fixing of ceiling fan hook made up of (150 x 150 x 6 mm) size MS plate having 4 no's of 10 mm dia holes and forged and welded with 10 mm thick U-shaped rod in the center and proper filing, sand blasting and rust free paint along with required fasteners etc., as required	28.00	No's	
33	Supplying and fixing of 18 Watt square type LED fitting complete with all accessories suitable for fixing in the false ceiling/ on surface, i/c connection with 1.5 sq.mm FRLS PVC insulated copper conductor, single core cable and earthing etc. as required. Make: Havells/ Philips/ Bajaj/ Crompton	20.00	No's	
34	Supplying, installation, testing and commissioning of Passive Infrared (PIR) technology based occupancy sensor having high performance, non-regulating programmable type, suitable for	4.00	No's	

			1	
	connected load up to 10 Amp, for mounting height up to 2.8			
	Mtrs and for minimum 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc.,			
	complete as required. ISI Marked.			
	Make: Scheinder/ Honeywell/ Havells/ Philips			
35	Supplying and fixing of following ways surface/ recess mounting, Horizontal type, 415 V, TPN MCB distribution board of sheet steel with suitable door, dust protected, duly powder painted, inclusive of common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. Make: Legrand/ Siemens/ Schneider/ ABB/ L&T			
35.1	6 way (8 + 18 way) (Raw & UPS power DB)	4.00	No's	
35.2	4 way (8 + 12 way) (Lighting Power DB)	2.00	No's	
36	Supplying and fixing following rating, 240 volts, 'C' series, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning, etc. as required. Make: Legrand/ Siemens/ Schneider/ ABB/ L&T			
36.1	6 Amps, Single Pole (Lighting power DB)	24.00	No's	
36.2	10 Amps, Single Pole (UPS Power DB)	36.00	No's	
36.3	16 Amps, Single Pole (RAW Power DB)	36.00	No's	
37	Supplying and fixing following rating, four pole, 415 volts, MCB in the existing MCB DB complete with connections, testing and commissioning etc., as required. Make: Legrand/ Siemens/ Schneider/ ABB/ L&T			
37.1	63 amps (For UPS & Raw power DB)	4.00	No's	
37.2	32 amps (For Lighting power DB)	2.00	No's	
38	Supplying and fixing following rating, four pole, three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make: Legrand/ Siemens/ Schneider/ ABB			
38.1	40 Amps	2.00	No's	
38.2	63 Amps	4.00	No's	
39	Supply and fixing of good quality Hylam sheet to cover existing boxes with suitable fasteners etc., as required	525.00	Sq. In.	
40	Design & SITC of wall / floor mounted type M. V. Compartmentalized cubicle panel board suitable for 415 Volts, 50 Hz, A.C. Supply fabricated out of 2mm thick CRCA sheet, totally enclosed, outdoor suitable minimum IP65 rated, dust, water and vermin proof and with the following switch gears, interconnections with suitable size copper conductor wires between the bus bar and outgoing switch gears complete with terminating arrangements, key mechanism, powder coating the panel with approved shade and colour including earthing, bus bar (conforming to section 4 of CPWD General Specification for Electrical works part-IV Substation 2013 etc., as required.) All items shall be ISI Marked.			

	FP MCCB Make: Legrand / Siemens/ Schneider/ ABB			
	Digital meter make: Siemens/ Scheinder/ L&T/ Selec			
	a) Incoming: Minimum 250A, 36kA, MCCB with thermal			
	magnetic release, terminal spreaders and operating handle as required - 1 No.			
	b) Outgoing: Minimum 63A MCCB with thermal magnetic			
	release, terminal spreaders and operating handle as required - 6 No's			
	c) Suitable size Combined digital multifunction energy meter			
	for measuring V, A, F, VA, W, PF, Wh etc. (96 mm size) - 1 No.			
	d) 400/5A CL.1.0 CT for metering - 3 No's			
	e) RYB phase indication LED lamps and control switches as required - 1 set			
	f) MS Base channel support, anchoring with cement concrete			
	foundation (Minimum 1 feet height) etc., as required g) 400A 4 strip Aluminum bus bar - 1 set	1	Job	
	Supply of 3.5 Core * 150 Sq. mm PVC sheathed, PVC	1	300	
	insulated, XLPE armored FRLS type, Aluminum conductor			
41	cable of 1.1 kV grade suitable for outdoor applications as per	100	Mtrs	
	IS 7098 and It's amendments up to date as required	100	1,1415	
	Make: Polycab/ Havells/ Finolex			
	Laying and fixing of one number PVC insulated and PVC			
42	sheathed/XLPE power cable of 1.1 KV grade of following size			
	on wall surface as required.			
42.1	Above mentioned 3.5 Core * 150 Sq. mm (Clamped with	100.00	Mtrs	
	25/40x3 mm MS flat clamp as required) Supplying and making end termination with suitable size brass			
	compression gland and aluminum lugs for following size of			
43	PVC insulated and PVC sheathed / XLPE aluminum conductor			
	cable of 1.1kV grade as required			
43.1	3.5 Core * 150 sq. mm (50 mm)	2	Each	
	Supplying and installing following size of perforated Hot			
	Dipped Galvanized Iron cable tray (galvanization thickness not			
44	less than 50 microns) with perforation not more than 17.5%, in			
	convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts,			
	etc., as required. ISI Marked.			
44.1	450 mm width x 50 mm depth x 2.0 mm thickness	15.00	Mtrs	
	Earthing with GI earth plate 600 mm * 600 mm * 6 mm thick			
	including accessories, and providing masonry enclosure with			
45	cover plate having locking arrangement and watering pipe of	1.00	Set	
	2.7 meter long etc., with charcoal/ coal and salt as required as			
	per CPWD specifications. Providing and fixing 25 * 5 mm G.I. strip in 40 mm dia G.I.			
46	pipe from earth electrode including connection with G.I. nut,	10.00	Mtrs	
	bolt, spring, washer excavation and refilling etc., as required.			
47	Providing and fixing 25 mm * 5 mm G.I. strip on surface or in	120.00	Mtrs	
4/	recess for connections etc. as required.	120.00	IVIUS	
	Dismantling and reconnecting the existing Fire Alarm System			
48	(FAS) detectors/accessories etc., from the existing location and	18.00	No's	
	re fixing the same detectors at the proposed locations as per the			
	revised cubicle layout making connections and making the FAS		L	

	system functional again, including programming and			
	addressing complete as required. Supplying, installation, testing & commissioning of			
	intelligent analog addressable photo thermal detector			
49	complete with mounting base complete as required shall	10.00	No's	
49	match with the existing set.	10.00	1105	
	Make: Bosch/ Honeywell/ Notifier			
	Supplying, installation, testing & commissioning of response			
	indicator on surface/recessed MS Box having two LED,			
50	metallic cover complete with all connections etc., as required.	28.00	No's	
	Make: Bosch/ Notifier/ Siemens/ Agni			
	Supplying & laying of 2 x 1.5 sq. mm fire alarm armored cable			
	(RED colour), 600/ 1000 V rated with annealed copper			
51	conductor having XLPE insulation, steel wire armoring &	195.00	Mtrs	
31	FRLS outer sheath complete as required.	193.00	IVIUS	
	Make: Havells/ Finolex/ RR Kabel/ Polycab			
	Dismantling/cutting the existing tiles for suitable width to lay			
	the conduits for the work stations/ faculty room - (width 300			
	mm x 500 mm length) for power wiring and network wiring to			
52	suit the changed orientation of the workstation tables including	28.00	Job	
32	making good the damage, by providing suitable quantity of new	20.00	300	
	tiles matching the original finish and applying required amount			
	of mortar, white cement etc., as required.			
	SITC microprocessor based Intelligent addressable main fire			
	alarm panel, central processing unit and minimum 2 loop			
	module and capable of supporting not less than 240 devices,			
	minimum 120 detectors per loop and loop length of up to 2 km,			
	network communication card, 320 character graphics/ LCD			
	display with touch screen or other keyboard and minimum 4000			
	events history login nonvolatile memory (EPROM), power			
	supply unit (230V+/-5%, 50Hz), 48 hrs backup with 28 volt			
53	sealed maintenance free batteries with automatic charger. The	1.00	Job	
	panel shall have facility to connect printer to printout the log			
	and facility to have seamless integration with analog/ digital			
	voice evacuation system (Which is part of schedule of work			
	under SH: PA system) and shall be complete with all			
	accessories. The panel shall be compatible for IBMS system			
	with open protocol BACnet/ Modbus over IP complete as per			
	specifications.			
	Make: Bosch/ Honeywell/ Notifier			
	C) VRF/VRV Central Air Conditioning System			
	Supply Installation, Testing & Commissioning of modular type			
54	Variable Refrigerant Flow/ Variable Refrigerant Volume air			
	cooled Outdoor units suitable for cooling and heating, having			
	all thematically sealed inverter type Scroll Compressor(s),			
	minimum two compressors for above 14 HP modules,			
	microprocessor based Controller, top discharge type		Da.:	
	condensing unit(s), with R 410 A Refrigerant, vibration	70	Per HP	
	isolators, with suitable foundation etc. complete as required.		חר	
	The unit shall deliver the rated capacity at AHRI Conditions			
	and work even at 50°C ambient temperature without tripping.			
	The unit shall be suitable to work on 400V +/- 10%, 3 Phase,			
	50Hz AC power supply. The unit shall be filled with first			
	charge of the refrigerant and ready for use as required. The COP			

	at AHRI conditions shall not be less than 3.1 and IEER not less			
	than 6.5.			
	Make: Voltas/ Toshiba/ Hitachi			
<u> </u>	Supply, installation, testing and commissioning of following			
	minimum capacity 4-way flow VRV/VRF Cassette Type Indoor ceiling mounted unit equipped with synthetic washable			
	media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain			
55	pump, grill, necessary supports, vibration isolation, cord less remote control etc., suitable for operation on single phase 230			
	$V \pm 10\%$, 50Hz AC supply, complete, as required. The unit shall have automatic force shut down provision in case of fire			
	on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB			
	and 19 Degree C WB temperature suitable for aforesaid outdoor unit.			
	Make: Voltas/ Toshiba/ Hitachi			
55.1	2.0 Tr.	28	Each	
	Supply, Installation, testing and commissioning including vaccumization and Nitrogen testing of following nominal			
	sizes of soft/ hard drawn copper refrigerant piping for VRV/ VRF system, complete with fittings, with suitable adjustable			
56	ring type hanger supports, jointing/ brazing including accessories, insulated with XPLE Class-O tubular insulation/			
	with Class-O closed cell elastomeric nitrile rubber tubular			
	sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required:			
56.01	6.4 mm dia (OD) (Soft drawn) with tube thickness 0.8 mm with 19 mm thick insulation	120	Mtrs	
56.02	9.5 mm dia (OD) (Soft drawn) with tube thickness 0.8 mm with 19 mm thick insulation	34	Mtrs	
56.03	12.7 mm dia (OD) (Soft drawn) with tube thickness 0.8 mm with 19 mm thick insulation	164	Mtrs	
56.04	15.86 mm dia (OD) (Soft drawn) with tube thickness 1.0 mm with 19 mm thick insulation	28	Mtrs	
56.05	19 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	44	Mtrs	
56.06	22.2 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	12	Mtrs	
56.07	25.4 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	36	Mtrs	
56.08	28.58 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	30	Mtrs	
56.09	31.8 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	34	Mtrs	
56.10	34.9 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	30	Mtrs	
56.11	38.1 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	20	Mtrs	

			1	
56.12	41.27 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	24	Mtrs	
57	Providing, fixing, testing and commissioning of Variable refrigerant flow distribution copper "Y" Joint (REFNUTS) in the suction & Liquid lines for various sizes of copper refrigerant piping including 19 mm thick nitrile rubber insulation pasting, jointing, welding etc., complete as required	14.00	Mtrs	
58	Supplying and fixing of following sizes of CPVC pipe (SDR 11) (Class 1) with 19 mm thick nitrile rubber thermal insulation, accessories including elbows, T - Joints, sockets, reducer and suitable clamping/ supports for drain pipe i/c above/ below false flooring complete i/c connection to the Indoor units etc., as required. Make: Ashirvad/ Supreme/ Finolex			
58.1	32 mm dia	60	Mtrs	
58.2	40 mm dia	60	Mtrs	
59	Supplying and fixing 4 Pole 63A, MCB in a suitable size SMC box of minimum IP 65 rated including connections, testing and commissioning etc., as required. Make: Hensel/ L&T/ Siemens/ ABB	4.00	Each	
60	Supplying and drawing following sizes of FRLS PVC insulated, XLPE armoured copper conductor cable as per IS 7098 in the existing surface/ recessed steel/ PVC conduit as required for ODU's. Make: Polycab/ Havells/ Finolex			
60.1	4 * 16 sq.mm + 2 * 6 sq.mm earth wire	100	Mtrs	
61	Supplying, drawing of following sizes of PVC insulated, PVC sheathed, Copper Conductor communication cable etc., as required. (For IDU & ODU network, remote control units and centralized monitoring & control system). Make: Polycab/ Havells/ Finolex			
61.1	2 Core x 1.5 Sq.mm Communication cable	586.00	Mtrs	
62	Supplying and fixing 3 pin, 15/16 A plug top including connections as required. Make: C&S/ Legrand/ Siemens	30.00	Each	
63	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / FRLS Copper conductor cable of 1.1 KV grade as required.			
63.1	2 Core * 1.5 sq mm (10 mm)	30.00	Each	
63.2	4 Core * 16 sq. mm (28 mm)	12.00	Each	
64	Supply, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/ round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc., as per approved drawings and specifications of following sheet thickness complete as required for Fresh Air system. Make: Tata/ JSW/ SAIL			
64.1	Thickness 0.63 mm sheet (For Fresh Air)	110.00	Mtrs	
65	Design, supplying & fixing of powder coated extruded aluminium Supply Air Grills of size 150 mm * 150	28.00	Each	

	mm with aluminium volume control dampers as per specifications.				
66	Design, supply, installation, testing & commissioning of inline circular/ rectangular fan of 1000 CFM/15 MM Static pressure with connecting canvas at both input and output in suitable down rod and anchor fasteners in the ceiling etc., as required. Make: Krugar/ Nicatro/ Dynair	2.00	No's		
67	Supply & laying of 25 mm thick XLPE/ 50 mm thick (EPS) Expanded polystyrene board with aluminium foil under deck insulation including adhesive medium etc., as required complete all as per the direction of Engineer in charge	600	Sqm		
68	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within the permissible utilization, Portland Pozzolana / Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centring, shuttering and finishing as per direction of the engineer-incharge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. (For AC outdoor units) Cement make: Ultratech/ Dalmia/ Chettinad				
68.1	All works above plinth				
68.11	Concrete of M20 grade with minimum cement content of 270 kg/cum.	2.00	Cum		
GRAND TOTAL (Excl. of GST) ₹				₹ -	

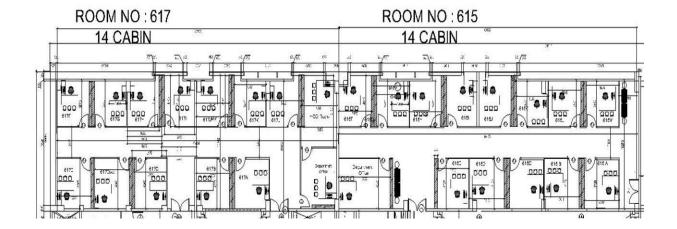
Note: i.) Grand total will be taken into consideration for arriving at L-1. ii.) GST will be paid extra as applicable.

Declaration: I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

Digital Signature

<u>Name of work:</u> Providing and fixing Modular Partitions, SITC of Electrical wiring and Air Conditioning works for Room No's: 615 & 617 of Laboratory Building at IIITDM Kancheepuram

LAB 6th FLOOR



IEMs DETAILS:

- (a) Any complaints related to this tender should be reported to the Independent External Monitors (IEMs) through email. Details of the IEMs are as follows:
 - Shri Umesh Kumar, IPS (Retd.)
 House No.60, 2nd Floor, M.G.Road, River Front
 Near Vivekananda Kendra, Uzan Bazar Guwahati
 781001.

E-mail: umeshkumar84@rediffmail.com

 Shri Amrit Lugun, IFS (Retd.) A1/37, First Floor, Safdarjung Enclave, New Delhi – 110029.

E-mail: asha74lugun@gmail.com

(b) The Integrity Pact is deemed as part of the contract in order to ensure that the parties are bound by the recommendation of the IEMs, in case any complaint relating to the contract, is found substantiated.

The specimen of the Pre-Contract Integrity Pact which is part of tender documents is as follows:

INTEGRITY PACT

(to be submitted by the bidder on Rs. 100/- non-judicial paper)

This INTEGRITY PACT is made and executed at on this day of2025
BY AND BETWEEN
Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram (IIITDM Kancheepuram), an autonomous organization under Ministry of Education, Govt of India having its campus at Melakkottaiyur, Off Vandalur-Kelambakkam Road, Chennai – 600127, Tamil Nadu thereinafter referred to as "The Principal" which term or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in-office, administrators or permitted assignees) of the First Part;
AND
M/s a company incorporated under the Companies Act through its representative/ authorized signatory Name and Designation of the Officer) having its office at (here in after referred to as "The Bidder/Contractor" which terms or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in-office, administrators or permitted assignees) of the Second Part.
PREAMBLE
The Principal intends to award, under laid down organizational procedures, contract/s for
In order to achieve these goals, the Principal had appointed the Independent External Monitors (IEMs), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Page **34** of **38**

Section 1: Commitments of the Principal

- 1. The principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of the principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled.
 - b) The principal will during the tender process treat all Bidder(s) with equity and reason. The principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.
 - c) The principal will exclude from the process all known prejudiced persons.
- 2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2: Commitments of the Bidder(s)/Contractor(s)

- 1. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - a. The Bidder(s)/contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or during the execution of the contract.
 - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the bidder(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All the payments made to the India agent/representative have to be in Indian Rupees only.

- e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- f. The Bidder(s)/Contractor (s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision on the matter.
- 2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from tender process and exclusion from future contract

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or to terminate the contract, if already signed, for such reasons.

Section 4: Compensation for Damages

- 1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
- 2. If the Principal has terminated the contract according to Section3, or if the Principal is entitled to terminate the contract according to Section3, The Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5: Previous Transgression

- 1. The Bidder declares that no previous transgressions occurred in the last three years with any other organization/ company in any country or with any other public sector enterprise in India that could justify his exclusion from the tender process.
- 2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process and appropriate action can be taken including termination of the contract, if already awarded, for such reason.

Section 6: Equal treatment of all Bidders / Contractors / Subcontractors.

- 1. In case of sub –contracting, the Principal Contractor shall take the responsibility of adoption of Integrity Pact by the Sub Contractor.
- 2. The Principal will enter into agreements with the identical conditions as this one with all bidders and Contractors.
- 3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7: Criminal charges against violation Bidder(s) / Contractor(s) / Sub-contractors(s).

If the Principal obtains knowledge of conduct of a Bidder(s)/ Contractor(s) which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8: Independent External Monitors/Monitors

- 1. The Principal appointed competent and credible Independent External Monitors for this Pact after approval of Central Vigilance Commission. The task of the Monitors is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 2. The Monitors is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitors will have access to all contract documents, whenever required. It will be obligatory for him to treat the information and documents of bidders /contractors as confidential. He reports to the Director, IIITDM Kancheepuram.
- 3. The Bidder(s)/Contractor(s) accepts that the Monitors has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitors, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Sub-contractors.
- 4. The Monitors is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality. The Monitors has also signed declarations on "Non Disclosure of Confidential Information" and of "Absence of Conflict of Interest" In case of any conflict of interest arising at a later date, the IEM shall inform the Director, IIITDM Kancheepuram.
- 5. The Principal will provide to the Monitors 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 Principal and the Contractor. The parties offer to the Monitors the option to participate in such meetings.
- 6. As soon as the Monitors notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitors can in this regard submit non-binding recommendations. Beyond this, the Monitors has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 7. The Monitors will submit a written report to the Director, IIITDM Kancheepuram within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8. If the Monitors has reported to the Director, IIITDM Kancheepuram, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Director, IIITDM Kancheepuram has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitors may also transmit this information directly to the Central Vigilance Commissioner.

Section 9: Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidder 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by the Director, IIITDM Kancheepuram.

Section 10: Other Provisions

- This agreement is subject to Indian Law. Place of performance and jurisdiction is the registered office of the Principal i.e. Chennai, Tamil Nadu.
- Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
- In the event of any contradiction between the Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail.

(For & on behalf of the Principal)	(For & on behalf of Bidder/Contractor)		
(Office Seal)	(Office Seal)		
Place:			
Date:			
Witness 1 (Name & Address):	Witness 1 (Name & Address):		
Witness 2 (Name & Address):	Witness 2 (Name & Address):		