



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING KANCHEEPURAM**
(An Institute of National Importance under MoE, Government of India)
Melakkottaiyur, Off Vandalur-Kelambakkam Road, Chennai – 600 127,
Tamil Nadu.

E-NOTICE TENDER (E-PROCUREMENT THROUGH CPPP)

Indian Institute of Information Technology Design and Manufacturing (IIITD&M) Kancheepuram invites **e-tender under TWO BIDS** with prequalification systems from the vendors who fulfils the eligibility as given below in the campus.

Sl. No.	Particulars	Quantity Required
1	Repair works in Pre-Engineered Multipurpose Structure (PEMS) Banyan and Lotus Hostels at IIITDM 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 be 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/228/2024-25/Engg/Civil/011; Dated: 03 rd January 2025
b) Pre-bid meeting / Site visit	08 th January 2025; 11:00 Hrs.
c) Bid Submission	23 rd January 2025; 15:00 Hrs.
d) Technical Bid Opening	24 th January 2025; 15:30 Hrs.
e) EMD	Rs. 82,810 /- (submission of EMD through SBI E'Collect) https://www.onlinesbi.sbi/sbicollect/icollecthome.htm (or) Valid MSME exemption certificate must be attached
f) Security Deposit / Performance Guarantee	Successful Bidder shall submit the Security Deposit at 7.5% of Contract value
g) Estimated cost. (Rs.)	Total : Rs.41,40,500 /- (Excl. GST) (Civil : Rs.34,95,000 /- (Excl. GST) Electrical : Rs.6,45,500 /- (Excl. GST))

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.

- (i) Rs. 33.00 lakhs Excl. GST for a single work order
(Or)
- (ii) Rs. 20.00 lakhs Excl. GST each for two work orders
(Or)
- (iii) Rs. 16.00 lakhs Excl. GST each for three work orders

1.2 Produce the **valid work completion certificate(s) along with its work order** for the above-mentioned works.

2. Earnest Money Deposit:

2.1 **Bidders shall Deposit EMD through SBI E'Collect.** The amount 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 cheques 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 with draw their offer with in the bid validity period

2.8 **Valid proof of MSME exemption shall be uploaded for to waive off the EMD and the classification of the enterprises should be updated in the current 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.
- 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., 12 months after completion of work).
- 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 cover 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 MSME certificate details, Cancelled cheques/bank details & GST Certificate.
 - 4.1.3 Duly filled and digitally signed copy of Technical Qualification Proforma (**As per Annexure – II**) along with a copy of the work completion certificate and relevant work order as per the eligibility criteria referred to in clause no. 1
- 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/e procure/app> before due date and time.**

5. Technical terms:

- 5.1 The selected contractor will have to carry out "**Repair works in Pre-Engineered Multipurpose Structure (PEMS) Banyan and Lotus Hostels at IIITDM Kancheepuram**" which have been listed under the 'Techno-Commercial Bid' of this tender document. He 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 or ISI marks. 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 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, &/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 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 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 during the execution of work. He shall make good all such damages at his own cost, and no claim on this account will be entertained.

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 of safety precaution measures 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.

7. Other conditions:

- 7.1 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.
 - 7.2 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.
 - 7.3 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.
 - 7.4 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 Further, refer & comply with the in detail “**Tender general terms and conditions**” available at IIITDM > FORMS > ENGINEERING SECTION > TENDER GENERAL TERMS AND CONDITIONS” enclosed in the mentioned web link. These conditions are part and parcel of the contract agreement. http://www.iiitdm.ac.in/img/intranet_forms/ENGINEERING_SECTION/tnc.pdf

-Sd/-
Registrar
IIITDM Kancheepuram

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work: Repair works in Pre-Engineered Multipurpose Structure (PEMS) Banyan and Lotus Hostels at IITDM Kancheepuram

Tender No.: IITDM/228/2024-25/Engg/Civil/011; Dated: 03rd January 2025

The Registrar,
IITDM 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 produced a valid MSME Certificate (the classification of the enterprises should be updated in the current financial year, i.e., 2024-25 / work completion certificate along with relevant work order, 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:	Repair works in Pre-Engineered Multipurpose Structure (PEMS) Banyan and Lotus Hostels at IITDM Kancheepuram
Tender No.:	IITDM/228/2024-25/Engg/Civil/011; Dated: 03 rd January 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/ MSME details: (Please enclose valid proof) (the classification of the enterprises should be updated in the current 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)	
Experience: Details of similar civil works execution experience preferably awarded by the State Govt. / Central Govt./Autonomous / Reputed corporate institutions/ organizations for a value not less than Rs. 33.00 lakhs (Excl. GST) for a single work order (or) Rs. 20.00 lakh (Excl. GST) each for two work order (or) Rs. 16.00 lakhs Excl. GST each for three work orders should be awarded and executed on or after 01.01.2020. (Please enclose the copy of the valid work completion certificates along with its work order)	
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.

Digital Signature

TECHNO-COMMERCIAL BID

Tender No.:		IIITDM/228/2024-25/Engg/Civil/011; Dated: 03 rd January 2025			
Name of the work:		Repair works in Pre-Engineered Multipurpose Structure (PEMS) Banyan and Lotus Hostels at IIITDM Kancheepuram			
Name of the Bidder:					
S. No.	Description	Unit	Qty	Rate in Rs.	Amount in Rs.
	PART – A (Civil)				
1	Removing and refixing pre-coated galvanised puffing profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x125 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	112.00		
2	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Brand: Tata Blue Scope/ JSW/ Bhushan				
2.1	Ridges plain (500 - 600mm)	m	30.00		
2.2	Flashings/ Aprons.(Upto 600 mm)	m	30.00		
2.3	Barge board (Upto 300 mm)	m	250.00		
3	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete : Brand: Tata Blue Scope/ JSW/ Bhushan				
3.1	1.60 mm thick with zinc coating not less than 350 gm/m ²	m	25.00		
4	Extra for providing and fixing wind ties of 40x 6 mm flat iron section. Brand: JSW/ TATA/SAIL	m	32.00		
5	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished				

	reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : Brand: STP/ Pidilite/ Bitumat				
5.1	3 mm thick	sqm	80.00		
6	Painting with aluminium paint of approved brand and manufacture to give an even shade. Brand: Asian/ Berger/ Nerolac				
6.1	Two or more coats on new work	sqm	80.00		
7	Providing & Applying weather proof sealant on outer joints of approved make confirming to IS & directed by Engineer-in-charge. Brand: Dow Corning/ Momentive or Equivalent				
7.1	Sealant 25mmx10mm at joints	m	90.00		
8	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval,				

	including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm				
8.1	at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cut-outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : Brand: Saint Gobin / Armstrong or Equivalent				
8.2	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks) with Required Number of Trap door for electrical access	sqm	70.56		
9	Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25mm wide x 1.6mm thick with flanges of 27mm and 37mm, at 1200mm c/c, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I channels 45 x15 x 0.90mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64mm dia x 230mm long G.I wire at every junction, including fixing perimeter channels 0.50mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450mm				
9.1	centre, with 25mm long dry wall screws @ 230mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x25mm at 230mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes, finishing with jointing compounds in three layers covering up to 150mm on both sides of joints and two coats of primer suitable for				

	boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in charge but excluding the cost of painting with: Brand: Saint Gobin / Armstrong or Equivalent				
9.2	6 mm thick Calcium Silicate Board with Required Number of Trap door at distance of 3.00 m spacing for electrical access.	sqm	12.00		
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Brand: Asian/ Berger/ Nerolac				
10.1	One or more coats on old work	sqm	656.00		
11	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Brand: Asian/ Berger/ Nerolac				
11.1	One or more coats	sqm	6185.00		
12	Finishing walls with Acrylic Smooth exterior paint of required shade: Brand: Asian/ Berger/ Nerolac				
12.1	Old work (One or more coat applied @ 0.90 ltr/10 sqm).	sqm	3988.00		
13	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. Brand: Asian/ Berger/ Nerolac				
13.1	On steel work	sqm	334.20		
14	Painting with oil type wood preservative of approved brand and manufacture: Brand: Asian/ Berger/ Nerolac				
14.1	Old work (one or more coats)	sqm	127.00		
15	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. Brand: JK/ Birla or Equivalent	sqm	84.00		
16	Applying priming coats with primer of approved brand an manufacture, having low VOC (Volatile Organic Compound) content. Brand: Asian/ Berger/ Nerolac				
16.1	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	sqm	84.00		
17	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded				

	built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) : Brand: Jindal/ Hindalco or Equivalent				
17.1	For fixed portion				
17.2	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	15.00		
17.3	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Brand: Jindal/ Hindalco or Equivalent				
17.4	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	33.00		
18	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): Brand: Saint Gobin/ Modi Guird or Equivalent				
18.1	With float glass panes of 6 mm thickness (weight not less than 12.50 kg/sqm)	Sqm	7.14		
18.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	sqm	16.56		
19	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : Make : ISI Standard				
19.1	125 mm	each	8.00		
20	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : Make : ISI Standard				

20.1	200x10 mm.	each	8.00		
21	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets: Make : ISI Standard				
21.1	25 mm dia (heavy type)	metre	70.00		
22	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete Make : ISI Standard	each	17.00		
23	Providing and fixing Pad lock ISI marked, required colour or shade, with necessary screws etc. complete : Make : ISI Standard	nos	22.00		
24	Providing and fixing 12 mm thick panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. Make : Green ply/ Kitply/ Archidply				
24.1	Fire retardant plywood conforming to IS: 5509	sqm	5.00		
25	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.	sqm	77.56		
26	Providing and fixing for ISI marked Stainless Steel Imax hinges of required size 250mm with necessary screws etc. All as directed by Engineer-in-charge. (the rate inclusive of removing in the existing hinges with necessary hinges and Hardwares) Make : Earl bihari/ Kinlong or Equivalent	nos	20.00		
27	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. Make : Kajaria/ Somany/ Jhonson	sqm	11.25		
28	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing	sqm	18.23		

	in white cement mixed with pigment of matching shade complete. Make : Kajaria/ Somany/ Jhonson				
29	Post construction anti termite treatment by injecting chemicals of approved brand and as per the directions of Engineer-in-charge. Make : Piramid/ Noban or Equivalent	sqm	2671.76		
30	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. Brand: Hindware /Parryware or Equivalent				
30.1	10 litre capacity - White	each	4.00		
31	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. Brand: Supreme /Parryware or Equivalent				
31.1	15 mm nominal bore with 45 cm length	each	21.00		
32	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Brand: Supreme /Parryware or Equivalent				
32.1	Flexible pipe 40 mm dia	each	10.00		
33	Providing and fixing CP Brass pillar cock 15mm nominal bore of approved quality & make and as per the direction of Engineer-in-charge. Brand: Jaquar/Parryware/Metro	each	12.00		
34	Providing and fixing of Two way tap for the Indian type water closet with necessary hardware accessories, cuttings dressing of sides complete as per the directions of Engineer-in-charge Brand: Jaquar/Parryware/Metro	each	4.00		
35	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : Brand: Jaquar/Parryware/Metro				
35.1	150 mm diameter	each	16.00		
36	Providing and fixing brass long body bib cock of approved quality : Brand: Jaquar/Parryware/Metro				
36.1	15 mm nominal bore	each	36.00		
37	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 Brand: Jaquar/Parryware/Metro				
37.1	15mm nominal bore	each	23.00		
38	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and				

	fixtures complete, including cutting and making good the walls and floors wherever required: Brand: Hindware /Parryware or Equivalent				
38.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	3.00		
39	Providing and fixing solid plastic seat with lid for pedestal type W.C.pan complete: Brand: Hindware /Parryware or Equivalent				
39.1	White solid plastic seat with lid	each	5.00		
40	Providing and fixing on wall face unplasticeised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,(i) Single socketed pipes. Brand: Finolex/ Supreme/ Ashirvad				
40.1	110 mm diameter	metre	10.00		
41	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in- Charge.	each	3.00		
42	Providing and fixing CP brass, push cock metro make including cp brass urinal spreader and CP brass connection disembling old urinal sensor system and making good the same etc., Brand: Jaquar/Parryware/Metro				
42.1	15 mm nominal bore	each	16.00		
43	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. Brand: Saint Gobin/ Modi guard or Equivalent	nos	17.00		
44	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. Make : ISI Standard				
44.1	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	each	6.00		
45	Providing & fixing white vitreous china water less urinal of size 600 x330 x 315 mm having antibacterial /germs free ceramic surface, fixed with cartridge having debris catcher and hygiene seal. Brand: Hindware /Parryware or Equivalent	each	1.00		
46	Providing and fixing openable stainless steel (SS) mesh powder-coated aluminum windows of the required size and approved colour, using 2"x1" powder-coated aluminum channel for the outer framework and 18mm x 10mm powder-coated aluminum channel for the inner openable window shutters. The work includes fixing with hinges, stoppers, spline, PVC corner, 18x16x0.24 dia 304-	sqm	332.10		

	grade stainless steel mesh, and all necessary hardware accessories, complete in all respects as per the direction of the Engineer-in-Charge. Make : ISI Standard				
47	Providing & fixing prefinished, pre-moulded granite stone strips size of 50mm width and 18mm thick with both side nosing to door sill with epoxy resin based adhesive including necessary cleaning, hardwares and labour etc., complete all as per directions of Engineer -in- charge. Make : ISI Standard	m	46.80		
48	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth. Make: Ultratech/Chettinad or equivalent	sqm	569.00		
49	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Brand : TATA/SAIL/ JSW	kg	840.00		
50	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. Brand: Sintex/Supreme/ Ashirvad	litres	5000.00		
	PART – B (Electrical)				
51	Supply, drawing, termination and testing of 1C x 2.5 Sq.mm (1-ph) 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 cutting & finishing by placing of all the accessories & lugs as per the requirement complete etc., Make: Finolex/ Polycab/ RR kabel/ Havells				
51.1	Red/Yellow/Blue	Mtrs	400		
51.2	Black	Mtrs	400		
51.3	Green	Mtrs	400		
52	Supply, drawing, termination and testing of 1C x 4 Sq.mm (1-ph) 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 cutting & finishing by placing of all the accessories & lugs as per the requirement				

	complete etc., Make: Finolex/ Polycab/ RR kabel/ Havells				
52.1	Red/Yellow/Blue	Mtrs	280		
52.2	Black	Mtrs	280		
52.3	Green	Mtrs	280		
53	Supply & drawing of 1" size PVC cum metallic flexible hose (Heavy duty) for wires with required all accessories etc., ISI marked	Mtrs	50		
54	Supply & drawing of 1" size PVC ordinary hose for wires with required all accessories etc., ISI marked	Mtrs	130		
55	Supplying, fixing, testing and commissioning of the following suitable size modular type PVC box, plate, cover, switch, socket and connections etc.in the wall/surface/recess with wooden planks, including wood / table cutting and making good etc., as required. Make: Legrand-Myrius / Crabtree-Thames				
55.1	1 module PVC box with modular plate, cover and box in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	No's	37		
55.2	2 module PVC box with modular plate, cover and box in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	No's	2		
55.3	8 module PVC box with modular plate, cover and box in front on surface or in recess or in wooden/metal table, including providing and fixing etc.,	No's	79		
55.4	1 No. of 5/6A rating 1 module switch including connections etc., as required.	No's	97		
55.5	1 No. of 3 pin, 5/6A rating 2 module socket outlet including connections etc., as required.	No's	158		
55.6	1 No. of 15/16A rating 1 module switch including connections etc., as required.	No's	79		
55.7	1 No. of 6 pin, 15/16A rating 2 module socket outlet including connections etc., as required.	No's	79		
55.8	1 No. of 20A rating 1 module switch including connections etc., as required.	No's	14		
55.9	Supply and fixing of 100 watt, 2 module, 5 stepped electronic fan regulator including connections etc., as required Make: MK	No's	22		
56	Supply and fixing of 32 mm x 20 mm size PVC cable management with required endcaps, T joints, bends, couplers and fasteners, etc., as required Make: Legrand/ MK	Mtrs	60		
57	Supply and fixing of 4 feet, 20 watt cool white LED batten Make: Philips/ Havells/ Crompton	No's	54		
58	Supply and fixing of 12" metal Exhaust fan with louvers and safety grill/mesh as required. Make: Bajaj/ Crompton/ Havells	No's	1		

59	Supply and fixing of 15" metal Exhaust fan with louvers and safety grill/mesh as required. Make: Bajaj/ Crompton/ Havells	No's	5		
60	SITC of 1200 mm sweep ceiling fan of BEE minimum '3' star rated energy efficient with 1 feet down rod, wiring, safety rope, canopy set, clamp set, bolt, nut & fasteners etc., including cutting & refinishing in the existing wall/tile/metal sheet etc., as required. Fan make: Havells/ Bajaj/ Crompton	No's	16		
61	Supply and fixing of 12" Stainless Steel (SS) fan rod along with good quality 1.5 mtrs length adjustable safety rope, canopy box (cup) set along with required clamps, rubber bush, fasteners and safety pin as required including dismantling of the existing fan rod etc.	No's	85		
62	Supply & fixing of Hylam sheet including fixing etc., as required	Sqm	25		
63	Supply and fixing of required size PVC round sheet to pack wherever required	No's	118		
64	Supply and fixing of 25 mm PVC electrical conduit pipe including bends, couplers, end caps, clamps and fasteners etc., as required Make: Precision/ Avonplast/ Modi	Mtrs	75		
65	Supply and fixing of 32 mm PVC electrical conduit pipe including bends, couplers, end caps, clamps and fasteners etc., as required Make: Precision/ Avonplast/ Modi	Mtrs	140		
66	Supply and fixing of 40 mm PVC electrical conduit pipe including bends, couplers, end caps, clamps and fasteners etc., as required Make: Precision/ Avonplast/ Modi	Mtrs	20		
67	Supply and fixing of 50 Watt LED outdoor suitable flood cool white light of minimum IP65 Make: Philips/Crompton/Bajaj	No's	48		
68	Supply and fixing of 2.5 MFD capacitor suitable for ceiling fan as required Make: Orbit/ Keltron	No's	54		
69	Supply and fixing of 40A, 100mA, 2 pole ELCB in the existing DB including connections etc., as required Make: Legrand/ Siemens/ Schneider	No's	11		
70	Supplying, fixing, testing & commissioning of 600 * 600 mm size, LED, 36 watt, 4000k, cool white, >110 lm/watt, high efficient, recess mount square fitting with necessary hooks, suitable chain supports, connections etc., to mount the existing false ceiling as per the directions of the Engineer-In-Charge. Make: Havells/ Philips/ Crompton/ Bajaj	No's	6		
71	Supply, Installation, Testing & Commissioning of 2 Ton cooling capacity, Non-Inverter type, fully copper coiled, minimum 3 star rated, Split Air Conditioner including green AC with temp range of 16 Deg. C to 30 Deg. C, Indoor & outdoor units fixing at respective locations and connections etc., as required to complete the job	No's	2		

	and shall have minimum warranty of 1 year or as per manufacturer's warranty whichever is higher. Make: Mitsubishi/ Hitachi/ Carrier/ Godrej/ Voltas/ Bluestar				
72	SITC of 5 kVA Double booster stabilizer, fully copper suitable for 2 Ton split Air Conditioner Make: V-guard/ Premier/ Everest/ Microtek	No's	2		
73	SITC of 2 Pole, SPN, 25A, 'C' Curve, 10 kA breaking capacity, MCB suitable for inductive load along with 25A SPN type Industrial metal clad box including plug, socket complete with connections etc., in the wall/surface as required. Make: Legrand/ Siemens/ Schneider	No's	4		
74	SITC of 1 Pole, 5 To 32 A, 'C' Curve, 10 kA breaking capacity, MCB suitable for inductive load complete unit with connections etc., in the existing wall/surface DB as required. Make: Legrand/ Siemens/ Schneider	No's	5		
	Total (Excluding GST)				

Note: Total Amount will be taken into consideration for arriving at L-1.

- **GST & Taxes will be paid extra as applicable.**
- **Site visit is compulsory**
- **All the items must comply with relevant IS standards.**

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