



INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
ESTATE OFFICE, POWAI, MUMBAI, MAHARASHTRA – 400 076
TEL. 022 2576 4995 E-mail : drestate@iitb.ac.in

IIT Bombay invites digitally signed Technical Bid & Financial Bid for following work from the contractors having **similar** experience in Central Government Departments / State Government Departments / Central or State Autonomous Bodies / State or Central Public Sector Undertakings & Large Private Organizations. The detail of work is given below:

Sr. No.	Name of Work	Estimated Cost (In Rs.) Incl. 18% GST	EMD (Rs.)	Time Limit	RFX No.
1.	Providing and applying external painting with need based repair work for B-Wing of Hostel No. 12. EO/A/HOSTEL/WKS-51/25-26	Rs.2,22,48,935/-	Rs.4,44,000/-	06 calendar months excl. monsoon	6100002202

Intending bidders needs to be register themselves on IIT Bombay portal i.e. <https://portal.iitb.ac.in/vrp/index.jsp> to get User ID and Password. **View the open tender on <https://ep.iitb.ac.in/irj/portal> Please visit https://portal.iitb.ac.in/vrp/vrp_srm_docs.jsp for configuration process and user manual.** Queries regarding to vendor registration please contact on 022 – 2159 3001(ASC Help-desk) and queries regarding to online Bid submission please contact to +91 82915 56277/6377 or mail us at srm@iitb.ac.in

Date and time of submission of tender documents digitally are from 13.06.2025 to 27.06.2025 till 11:15 a.m. Date of opening of **Technical Bid will be 27.06.2025 at 11:30 a.m. and Financial Bid 02.07.2025 (Tentative)**

Interested contractors/agencies are requested to upload Technical bid and Financial bid on the SRM tendering portal of IIT Bombay.

(A) All contractors/agencies should upload technical bid with the following documents on SRM tendering portal, failing to which their tender will be summarily rejected from the tendering process:

- 1) i. Experience of having successfully completed works during the last 7 years ending last day of the month previous to the one in which applications are invited :
Three **similar completed works** costing not less than the amount equal to 40% of estimated cost put to tender,
OR
Two **similar completed works**, costing not less than the amount equal to 50% of the estimated cost put to tender
Or
One **similar completed work** of aggregate cost not less than the amount equal to 80% of the estimated cost.
AND
ii. One completed work of any nature (either part of (i) or a separate one) costing not less than the amount equal to 40% of the estimated cost put to tender with some Central Government Departments / State Government Departments / State or Central Autonomous Bodies / State or Central Public Sector undertakings.
- 2) Detail statement for work completed, work in hand including balance commitment of work should be enclosed for last three year commencing from 1st April and ended with 31st March and contractor should submit his details as per Annexure'A' format with support of xerox copies of work order and work completion certificates, otherwise the bid capacity will not be calculated and his technical bid will be summarily rejected, and no Financial Bid will be opened. (All contractors/agencies are hereby informed that they should upload Technical bid as per format of Annexure "A", changing in format is not allowed).
- 3) Upload a scan copy of the information in respect of **manpower/mandays** for above said work must be given **in undertaking** with official signature and seal/stamp, otherwise tender will be **rejected**.
- 4) Bank Solvency certificate 40% of estimated amount issued within one year from any Nationalized / Schedule Bank from the date of publishing of Tender.
- 5) P. F. registration certificate.
- 6) P. F. challans of last 12months.
- 7) (i) ESIC registration certificate and copies of ESIC challans of last 12months.
OR
(ii) Contractors' all risks insurance (CAR policy) / Mediclaim policy.
- 8) PAN card.
- 9) GST registration certificate.
- 10) Income Tax Return for last 03 years i.e. of **2022-23, 2023-24 and 2024-25**.
- 11) List of Equipment's, Machinery, Tools.
- 12) List of Technical Staff with copies of their Degree/diploma certificate.

- 13) The contractors who were empanelled under Estate Office under (2018-23) list need not have to upload Demand Draft. The contractors other than empanel list that are applying for tender need to upload a scan copy of Demand Draft / Pay Order for Rs.4,44,000/- (EMD amount) drawn in favour of "The Registrar, IIT Bombay" on online Tendering Portal.
- 14) Power of Attorney, if any.
- 15) Proof of Constitution: An affidavit in case of Sole Proprietorship, Partnership Deed in case of Partnership Firm, Article of Association in case of Private / Public Limited Companies.
- 16) **Litigation history** of the agency is required to be submitted along with the application. A tender would not be awarded if any inquiry proceeding / criminal case is found pending against the agency.
- 17) Labour Licence obtained during last 03 years

Note:

Those contractors who do not have documents mentioned above from Sr. No. 1 to 17 need not apply as it is mandatory documents to qualify in technical bids.

Upload all your relevant documents in the serial order mentioned above. It is **advisable** not to make more than **03 folders of 5MB** while uploading documents.

The work will be executed with lowest bidder as per the terms and conditions of work order and tender documents signed by the lowest bidder. (All agencies are requested to upload a scan copy of Terms and Conditions with official signature and seal/stamp on SRM online tendering portal)

The validity of the bids will be valid for 6 months from the date of opening of tender.

If agency fails to submit the above mentioned documents by uploading to the online portal, their technical bid may be rejected.

Litigation history of the agency is required to be uploaded along with the application. Tender would not be awarded if any inquiry proceeding / criminal case is found pending against the agency.

No work will be subletted to third party. If found payment of final bill will not be processed and the contractor's name will removed from the enlistment without giving him further notice.

Contractor's/Agencies/Proprietor's are requested to give Power of Attorney to your representative to deal any matter with any Officers or Staff of IIT Bombay on behalf of you or your agency.

Rates of the estimate are based on CPWD DSR 2021, Ongoing Market rate & rate analysis.

The contractor have to quote his own rates online against each item of work and need to select **N5 tax code** thereafter.

Scan and upload all the above mentioned documents in **"C folder"** of online SRM tendering portal.

IIT Bombay reserve its rights to reject any or all tenders without assigning any reason and without any reference.

No queries will be entertained within 24 hours prior to the opening of the tender. We kindly request all contractors to upload their quotations well in advance of the submission deadline to ensure a smooth and timely process.

IIT Bombay reserves the right to request a detailed justification of the quoted rates from the lowest bidder, if deemed necessary by the Engineer-in-Charge. Should the justification provided by the bidder be considered unsatisfactory or unsubstantiated, the Engineer-in-Charge shall have full authority to reject the bid, irrespective of it being the lowest.

M. Hayat
09/06/2025
Superintending Engineer (I/C)

3015

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

**ANNEXURE 'A' (FORMAT)
TECHNICAL BID**

File No. : EO/A/HOSTEL/WKS-51/25-26

Name of Work : Providing and applying external painting with need based repair work for B-wing of Hostel No-12.

Name of the Contractor -----

Sr. No.	Name of Client	Name of Works	2022-23 (In Lakhs)	2023-2024 (In Lakhs)	2024-2025 (In Lakhs)	2025-2026 (In Lakhs)	
						Completed	Balance
			-	-	-	-	-
			-	-	-	-	-
Total Amount (In Lakhs)			-	-	-	-	-

Note : Contractor must submit his details as per Annexure 'A' with declaration stating that **he is possessing all the original copies of work orders and experience certificates, it will be produced as and when required to IIT Bombay.** However, if it is found false at later stage, the contractor will be debarred or blacklisted. Whereas, if information is not submitted as per Annexure 'A' format his bid capacity will not be calculated and his tender will be summarily rejected.

Superintending Engineer (I/C)

Signature of Contractor
Name & Address in full

WORKS UNDERTAKING

EO/A/HOSTEL/WKS-51/25-26

To,
Superintending Engineer (I/C)
Indian Institute of Technology,
Powai, Mumbai – 400 076.

Sub : Providing and applying external painting with need based repair work for B-wing of Hostel No-12.

Dear Sir,

We are hereby quoting all the rates for the attached schedule of short tender of the above mentioned job.

We hereby accept & signed all the General Terms and Conditions and special Conditions of Contract.

The work will be completed within specified time limit of 06 Calendar Months (Excluding monsoon season) as mentioned in the notice inviting for short tenders.

The following information is required to be provided.

I / We agree to keep the tender open for One Hundred and Eighty (180) days from the due date of its opening / One Hundred and Eighty days from the date of opening of financial bid in case tenders are invited on 2/3 envelope system and not to make any modification in its terms and conditions.

	Male	Female
No. of Unskilled casual labour to be required per day.		
No. of Skilled casual labour to be required per day.		
Total Mandays required for completion of work.		

Thanking you,

Yours faithfully,

Signature of the Contractor
With official Seal / Stamp of the firm

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
POWAI, MUMBAI – 400076

EO/A/HOSTEL/WKS-51/25-26

ESTATE OFFICE

Name of work :- Providing and applying external painting with need based repair work for B -wing of Hostel No.12.

Schedule Of Work

Sr. No.	Description of work	Qty.	Unit
1	Carefully removing internal or external plaster in patches or any length without damaging structure brickwork in the vicinity by using electric cutting tools including cutting a groove first to demarcate exact area of damage taken place stacking the debris at suitable location inside IIT campus as per instruction of engineer In-charge / his representatives to take away out of IIT campus, cleaning the site etc. complete. including covering the furniture, floor, windows and partitions with plastic sheets while chipping. Note:- a) No extra payment shall be made for extra thickness removed. b) Proper tools to be used for removal of plaster and it should be seen by contractor no damage on the other side / near by area will be taken place and if required other portions are to be checked by the contractors with respect to the damage before commencement of the work. c) The area in vertical plane shall be measured.	1,900.00	Sqm
2	Dismantling burnt brick masonry/block work (in cement mortar) with plaster/ tiles including sorting out serviceable bricks/block and lowering down debris at suitable location inside IIT campus as per instruction of engineer In-charge / his representatives to take away out of IIT campus etc. all complete as directed by Engineer In-charge.	85.00	Cum
3	Carefully removing external weather shade / chajja at any height and lowering down at suitable location inside IIT campus as per instruction of engineer In-charge / his representatives to take away out of IIT campus etc. all complete as directed by Engineer In-charge.	20.00	Nos.
4	Removing any type of tiles from floor / wall carefully including levelling the surface, cleaning the site, stacking the debris at suitable location inside IIT campus as per instruction of engineer In-charge / his representatives to take away out of IIT campus etc. all complete as directed by Engineer In-charge.	65.00	Sqm
5	Cutting, demarcating grooves at any height with electrically operated cutter machine between sound and unsound plaster, cracks on external wall, separation cracks including stacking the debris at suitable location inside IIT campus as per instruction of engineer In-charge / his representatives to take away out of IIT campus etc. all complete as directed by Engineer In-charge.	1,600.00	Rmt
6	Providing and filling separation crack of 50mm width and 25mm deep with polymer modified cementitious mortar. Demarcating groove, removing plaster / concrete carefully, washing with potable water. Filling polymer modified cementitious mortar in layers of 20mm thick (applying bond coat at every layer) upto profile of concrete in vicinity (composition of mortar: cement 1Kg.; polymer (SBR) of approved manufacturer 15% by wt. of cement : 3Kg silica sand (grading IS 383, zone II, silt content = 0%) over a polymer + cement bond coat including applying making tape on both side of groove, cleaning, finishing to match the plaster in vicinity, cleaning etc. all complete as directed by Engineer In-charge.	1,600.00	Rmt
7	Drilling straight and inclined holes upto 300mm depth and upto 20mm dia in concrete / masonry / floor using electrically operated drilling machine and fixing PVC nipple for grouting, conducting water test etc. all complete as directed by Engineer In-charge.	100.00	Nos.
8	Grouting existing RCC structural members, masonry, floor & tile work as per following operations, sealing leak paths with cement mortar & polymer, fixing of nipple, plugging the hole with neat cement paste by ram packing, cleaning etc. all complete as directed by Engineer In-charge. 1) Add Sunflex powder 1.00 kg in one bag of cement of 50 kg with adequate water. 2) Using mechanical means of pressure grouting with the above mix. The pressure shall be 5-10 psi. 3) The grouting to be done into the cracks of ceiling, walls, columns, & beam junctions wherever required. 4) After through grouting sealing the holes with cement slurry etc. all complete as directed by Engineer In-charge.	200.00	kg
9	Dismantling plain cement concrete work including breaking concrete by chiseling, wedging & stacking debris at suitable location to take away out of IIT campus, etc. all complete as directed by Engineer In-charge.	5.00	Cum
10	Providing and casting in situ cement concrete 1:1:2 (M-25) of trap metal for RCC slabs / lintel /column/ beam / chajja / band / coping as per details including formwork, compaction, curing etc. all complete as directed by Engineer In-charge. (excluding cost of steel reinforcement).	15.00	Cum

11	Removing and taking away the existing damaged M.S. pipes, beams, channels, angles, flats, square bars etc. out of IIT Campus including transportation, loading and unloading etc. all complete as directed by Engineer In-charge. (Recovery for scrap material will be done @ Rs 15 per kg).	3,000.00	kg
12	Providing & fabricating structural steel works in rolled section like M.S. pipes, beam, channels, angles, flats, square bars, spikes etc as per site requirement including fixing in position with connecting plates, braces and welding, riveting, bolting as necessary including painting with one coat of metal primer and two coat of synthetic enamel paint etc. all complete as directed by Engineer In-charge.	1,000.00	kg
13	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates, standard connectors, flange cap, studs, newel post cap, and all other accessories etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, including fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc. of required size, on the top of the floor or the side of slab with suitable arrangement etc. all complete as directed by Engineer In-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	900.00	kg
14	Providing temporary steel supports such as tubular steel props 50mm dia, as required for supporting system till the repaired work of the beam, column, slab, chajja, etc. work completed in all respects as directed and when required in any floor of any height inside and outside of the building and removing the supporting system as directed without damaging the structure etc. all complete as directed by Engineer In-charge.	50.00	Nos.
15	Removing windows of any size and type with frame or without frame including all fittings and fixtures and taking out the same outside IIT Campus etc. all complete as directed by Engineer In-charge. (15% amount of this item will be deducted for scrap value of material)	50.00	Sqm
16	Carefully exposing the existing damaged RCC members like columns, beams, slabs, chajjas, parapets, fins etc in patches or any length by using electrical cutting tools/manually means up to any depth till the corroded reinforcement will be opened allround without damaging brickwork, plaster in the vicinity, cleaning the rusted reinforcement and exposed surface by wire brush mechanical device or any other established method and applying rust removing solution of approved make and quality with cotton waste swab to reinforcement and allowing to dry the same for 24 hour, brushing of loose particles and applying first coat of rust preventive coating of polymer and cement slurry in 1:1.5 proportion with soft brush without adding water including applying another coat of rust preventing after 4 hours allowing air curing for 48 hours, stacking the debris within 50 meter or at specified location for taking away out of IIT campus, cleaning the site etc. complete, including covering the furniture with plastic sheet while exposing concrete etc. all complete as directed by Engineer In-Charge. Note: Proper tools to be used for removal of concrete. The area in vertical plane shall be measured.	1,600.00	Sqm
17	Providing and applying an effective bond coat of Polymer (SBR) approved by IITB and cement in the proportion of 1:1 using brush in multiple coats as required to accommodate the whole thickness of polymer modified mortar wherever required on the surface of old concrete or repaired concrete. Polymer (SBR) of approved manufacturer should have the following properties: Suspended solid particle should not be less than 40%-specific gravity should not be more than 1.01-PH should not be less than 8.5. Note : The actual consumption of polymer shall be measured for payment on weight basis. Challans of authorised dealer will be verified.	2,400.00	kg
18	Providing & placing in position readymix polymer mortar manufacture by Dr. Fixit, Sunanda, Roff, MC Bouchmey, Chembond and approved and adding water in the proportion of 1:0.14 (polymer mortar: water) on prepared concrete surface in layers as directed including mixing the polymer mortar with water using forced action mixer mild curing with water for 3 days etc. all complete as directed by Engineer In-charge. Payment will be paid for the actual quantity of polymer mortar PX used on weight basis. Challans of authorised dealer will be verified.	88,000.00	kg
19	Providing and laying super fluid micro concrete of approved manufacturer at any floor after reinforcement treatment coat including mixing with 5mm to 10mm size quartz aggregate in the ratio of 1 part ACC shrinkomp to 0.75 part of quartz aggregate by weight providing marine plywood formwork in line and level, cleaning, curing etc. complete. the compressive strength of super fluid micro concrete should not be less than 20N / mm ² etc. All complete as directed by Engineer In-charge. (Make:-Dr. Fixit, Sunanda, MC Bouchmey, Chembond, M/s Wall Plast)	10,000.00	kg

20	Providing and laying water proofing cement concrete flooring to terrace to average 50mm thick with 1:2:3 cement concrete laid to proper level and slope using river sand including compaction, filling joints, adding recommended waterproofing admixtures @ 2% by weight of cement, finishing the top surfaces with broken china mosaic (broken piece of glazed tiled) of approved colour & pattern including neat cement float, testing the roof by ponding with water for 14 days, providing waterproofing guarantee / warranty for 5 years on requisite (Rs-500/-) non-judicial stamp paper etc. all complete as directed by Engineer In-charge.	20.00	Sqm
21	Providing second class burnt brick masonry with best available approved quality well burnt bricks in cement mortar 1:4 in half brick thick wall including providing RCC patli M-20 concrete (1:1½:3), 100mm x 100mm to the full length of wall at every one meter height, using two numbers 8mm dia tor steel reinforcement, racking out joints and watering etc. all complete as directed by Engineer In-charge.	20.00	Sqm
22	Providing second class burnt brick masonry with best available approved quality well burnt bricks in cement mortar 1:6 in superstructure including striking joints, racking out joints including curing etc. all complete as directed by Engineer In-charge.	85.00	Cum
23	Providing and fixing in position tor steel bar having grade Fe-500D or more for reinforcement of various diameters for R.C.C. footings, foundations, slabs, beams, columns, canopies, staircases, chajjas, lintels, pirdies, coping, fins, dowel bars with sleeve, tie bar, any other required work etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required completed as directed by Engineer In-charge.	2,000.00	kg
24	Providing & fixing approved quality 12 Gauge thick weld mesh with nails at junction of R.C.C. and masonry walls before plastering etc. all complete as directed by Engineer In-charge.	600.00	Sqm
25	Providing and applying external waterproof plaster 20mm thick in two coats by using factory made ready mix polymer modified waterproof cement plaster of approved make (M/s Wall Plast, M/s Fare-Matt) or approved. i) Applying base coat of minimum 12mm thick over the prepared surface using above ready mixed polymer modified mortar plaster to proper plumb level & line including making the plaster surface rough (all as per the manufacturer's specifications) to receive the top finish coat. ii) Applying top/finish coat plaster of minimum 8mm thickness with similar ready mix polymer cement mortar plaster finishing in perfect plumb, line & level so as to obtain fine sand grain finish by using branded approved variety sponge or using mechanised devise including adding additional required quantity of cement for managing richer mix preferable ordinary portland cement 43 grade variety of approved brand at no extra cost, doing regular curing for minimum 7 days. iii) The rate shall include the required height and doing work at all heights and lifts etc. all complete as directed by Engineer In-charge	4,500.00	Sqm
26	Providing cement plaster 20mm thick in single coat in cement mortar 1:4 to concrete or brick surfaces in all positions including curing etc. all complete as directed by Engineer In-charge.	250.00	Sqm
27	Providing cement plaster 12mm thick in single coat in cement mortar 1:4 to concrete surfaces in all positions including curing etc. all complete as directed by Engineer In-charge.	50.00	Sqm
28	Providing sand face cement plaster externally using approved screened sand in all positions including base coat of 15mm thick in cement mortar 1:4 using water proofing compound @ 2% by weight of cement and curing the same for not less than two days and keeping the surface of base coat rough to receive the sand faced treatment 6to 8 mm thick in cement mortar 1:4, finishing the surface by taking out grains and curing for 14 days etc. all complete as directed by Engineer In-charge.	50.00	Sqm
29	Providing and laying colour veined granite slabs not less than 16 mm thick of approved quality colour and veins for doors/windows, claddings, partitions laid on a bed of 1:4 cement mortar including rounding / moulding, filling joints with white/coloured cement to match colour of tiles, curing polishing etc. all complete as directed by Engineer In-charge.	90.00	Sqm
30	Providing and fixing coloured ceramic tiles of size as per existing pattern or as directed and of approved brand about 5 to 6mm thick for dado and skirting in required position including plastering of required thickness in CM 1:4, filling joints with neat cement slurry mixed with pigment to match the colour of tiles, curing, rubbing and cleaning etc. all complete as directed by Engineer In-charge.	40.00	Sqm

31	Providing and laying approved non skid coloured ceramic tiles of size as per existing pattern or as directed and of approved brand 5 to 6mm thick for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints with neat cement slurry mixed with approved shade of pigment to match the colour of tiles, curing and cleaning etc. all complete as directed by Engineer In-charge.	20.00	Sqm
32	Providing and applying one coat of acrylic primer and two coats of exterior acrylic paint of approved colour & shade of ITB approved manufacturer and as per manufacturer's specification on old or new plastered surface over concrete / brickwork, stonework as per manufacturer's specification including cleaning the surface thoroughly with coir brush, watering / jet cleaning the surface including filling the cracks by exterior putty wherever required etc. complete including covering the floor, window glass with plastic sheet etc. all complete as directed by Engineer In-charge. (Make:- Berger (Weathercoat) , Asian (Ultima), Nerolac (Excel total))	19,225.00	Sqm
33	Providing and applying white cement based Birla make wall care putty with uniform thickness over the existing internal cement plaster in proper line / level including preparing the wall surface for the application of wall care putty etc. all complete as directed by Engineer In-charge.	250.00	Sqm
34	Providing and applying one coat of seal cement primer of ITB approved brand including scrapping the surface of walls/ceiling, cleaning the surface, preparing and leveling the entire surface etc. all complete as directed by Engineer In-charge.	250.00	Sqm
35	Providing and applying roller finish Acrylic plastic emulsion paint of of ITB approved manufacturer and of desired colour and shade to old / new ceiling & wall surfaces in two coats, preparing and levelling the surfaces with Acrylic putty, as per manufactures specification etc. all complete as directed by Engineer In-charge.	250.00	Sqm
36	Providing and applying one priming coat of ITB approved brand over steel and other metal surface, including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering etc. all complete as directed by Engineer In-charge.(Make:- Berger , Asian , Nerolac)	700.00	Sqm
37	Providing and applying two coats of synthetic enamel paint of ITB approved brand and shade to wood and steel work including scrapping, cleaning, covering the floor, windows, instruments during painting, easing all fittings etc. all complete as directed by Engineer In-charge.(Make:- Berger , Asian , Nerolac)	700.00	Sqm
38	Providing & applying one coat of protectomastic self priming high build coating / Concessive ZRi of approved make, solvent borne zinc rich epoxy primer, having thickness as per manufacturer specification including applying one coat of intermediate epoxy high build finish and followed by two coats of an acrylic polyurethane enamel paint of Berger / Masterseal 260 of BASF / NEROLAC / ASIAN, applying on to prime surface to obtain thickness as per manufacturer's specification on exposed structural steel members including preparing & cleaning, removing all old surface coating and corrosion, cement plaster residue etc. by using steel wire brushes/chisels, emery/sand papers, compressors/air blowers etc including necessary taking all safety precautionary measures, covering the floor area by plastic, removing stains of paint from floor etc all complete as directed by Engineer In-charge. (MAKE BY : BERGER/BASF/NEROLAC/ASIAN PAINTS)	50.00	Sqm
39	Providing and applying two coat of Prime seal of Dr.Fixit over plaster masonry or RCC surface as per manufacturer specification including preparing the surface by thoroughly cleaning laitance, loose material, oil, grease and other foreign matter with wire brush and vacuum cleaning, including filling the cracks using appropriate exterior putty etc all complete as directed by Engineer In-charge & as per manufactures specifications. (For vertical surface).	325.00	Sqm
40	Providing and applying one or more coat of Dr. Fixit Raincoat Universal Base Coat over plaster, masonry or RCC surface without any dilution at a spreading rate of 3.5 -4.0 sq mtr per litre to achieve about 120-150 microns DFT as per manufacturer specification including preparing the surface by thoroughly cleaning laitance, loose material, oil, grease and other foreign matter with wire brush and vacuum cleaning, filling the cracks using appropriate exterior putty, covering the floor and wall, window glass with plastic sheet during work and cleaning after work and covering the whole treatment with 5 years guarantee / warranty on requisite (Rs-500/-) non-judicial stamp paper etc. all complete as directed by Engineer In-charge. (For vertical surface).	325.00	Sqm

41	Providing and applying one or more coat of Dr. Fixit Raincoat select Top coat to be apply with interval of 6-8 hours without any dilution at spreading rate of 6.5 sq mtr per litre to achieve about 60 microns DFT. Achieving total DFT of 180 to 210 microns same as existing colour/shade as per manufacturer's specification on plastered surface over concrete / brickwork of any height including cleaning the surface thoroughly, watering the surface etc. Complete including covering the floor and wall, window glass with plastic sheet and cleaning after work and covering the whole treatment with 5 years guarantee / warranty on requisite (Rs-500/-) non-judicial stamp paper etc. all complete as directed by Engineer In-charge. (For vertical surface).	325.00	Sqm
42	Providing and Erecting electric operated suspension construction cradle (Gandola) for a period of one month at any height as per site requirement for maintenance and repair works by well trained operators / workers with proper safety precautions including transportation, lifting, shifting, third party testing and operator cost etc all complete as directed by Engineer Incharge .	1.00	Month
43	Providing and erecting at site steel tubular H - frame double scaffolding with bracings to all heights including fixing additional cantilever support system wherever required for repair work in double walls as per site condition as directed by engineer in charge before commencement of work and removing the same after completion of all external work requiring double scaffolding etc all complete as directed by Engineer In-Charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding (till the completion of the work).Note:-Personal protective equipment should be used during work.	6,600.00	Sqm
44	Providing and fixing Jute hessian fabric screen over the scaffolding of external/ internal surface as directed including removing the same after the work is over & taking away out of IIT campus etc. all complete as directed by Engineer Incharge.	6,600.00	Sqm
45	Providing and fixing P.V.C. water pipes 75mm inner dia. and having wall thickness of 2.0 to 3.2 mm including proper rain water receiving recess with P.V.C. plug bend, necessary fittings such as offsets, shoes including fixing the pipe on wall using M.S. cleats projecting 25mm to 40mm from face of wall & fixing with clips of approved quality & number,filling the joints using rubber gasket with solvent cement etc.including removing the existing damaged rainwater pipeline and taking away the same out of IIT campus etc. all complete as directed by Engineer In-charge. Make:- Supreme, Prince, Finolex or approved make. (Submission of warranty for maintenance for a period of 3 years for any leakages /dislocation of pipes joints and replacing the damaged fittings after the completion date on a non-judicial stamp paper of Rs.500/-.)	10.00	Rmt.
46	Providing and fixing P.V.C. water pipes 110mm outer dia. including proper rain water receiving recess with P.V.C. plug bend, necessary fittings such as offsets, shoes including fixing the pipe on wall using M.S. cleats projecting 25mm to 40mm from face of wall & fixing with clips of approved quality & number,filling the joints using rubber gasket with solvent cement etc.including removing the existing damaged rainwater pipeline and taking away the same out of IIT campus etc. all complete as directed by Engineer In-charge. Make:- Supreme, Prince, Finolex or approved make. (Submission of warranty for maintenance for a period of 3 years for any leakages /dislocation of pipes joints and replacing the damaged fittings after the completion date on a non-judicial stamp paper of Rs.500/-.)	110.00	Rmt.
47	Providing and fixing P.V.C. water pipes 160mm outer dia. including proper rain water receiving recess with P.V.C. plug bend, necessary fittings such as offsets, shoes including fixing the pipe on wall using M.S. cleats projecting 25mm to 40mm from face of wall & fixing with clips of approved quality & number,filling the joints using rubber gasket with solvent cement etc.including removing the existing damaged rainwater pipeline and taking away the same out of IIT campus etc. all complete as directed by Engineer In-charge. Make:- Supreme, Prince, Finolex or approved make. (Submission of warranty for maintenance for a period of 3 years for any leakages /dislocation of pipes joints and replacing the damaged fittings after the completion date on a non-judicial stamp paper of Rs.500/-.)	105.00	Rmt.
48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, angle, square or round bars etc. including priming coat with approved steel primer, rawl plugs, screws, welding, anchor fasteners etc. all complete as directed by Engineer Incharge.	500.00	Kg
49	Supplying, fabricating and fixing in position partly louvered ventilators and partly fixed glazing using 63mm x 38mm (not less than 0.942 kg/mtr) aluminium section including 5.5mm thick plain or frosted glass 125mm wide for louvers at proper inclination including P/F glass on adjustable aluminium louvered of approved size including P/F 5.5mm thick plain or frosted glass fixed to the above frame with glazing clip etc. and other required fittings including microwave EPDM rubber gaskets, pump filled structural silicon sealant & hardware, making watertight etc. all complete as directed by Engineer In-charge. (all aluminium sections should be 15 micron anodized/ powder coated .)	20.00	Sqm

50	Supplying , fabricating and fixing in position fully glazed aluminium openable glass window (pivoted type window) using 15 micron anodised/ powder coated 52mm dhumal section for window shutter and border outer frame, Z clip, mulsion, aluminium angle, 5mm thick plain/tinted glass with rubber gasket, adjustable hinges 2 Nos. on each shutter, Z handle 1 Nos including pump filled structural silicon sealant & hardware, making watertight etc. all complete as directed by Engineer In-charge. (all aluminium sections should be anodized / powder coated section)	30.00	Sqm
51	Supplying , fabricating and fixing in position fixed glazed aluminium window using 15 micron anodised/ powder coated 52mm dhumal section for border outer frame, Z clip, mulsion, aluminium angle, 5mm thick plain/tinted glass with rubber gasket including pump filled structural silicon sealant & hardware, making watertight etc. all complete as directed by Engineer In-charge. (all aluminium sections should be anodized / powder coated section)	30.00	Sqm
52	Providing and applying Silicone sealants of 3M India Pvt. Ltd. brand around window frames / window frame joints and drilling holes for water outlet when the rain water on the glass fall into the channel and overflows wherever required etc. all complete as directed by Engineer Incharge.	1,065.00	Rmt.
53	Providing and fixing 15 micron anodized / powder coated aluminum section of various sizes and shape including fixing it in proper position with screws for making frames including drilling holes etc.all complete as directed by Engineer In-charge.	100.00	kg
54	Providing & fixing co-extruded UV protected Microcell panel System 12mm thick (minimum) Polycarbonated UV installed sheets of Danpalon / SABIC / CE / Tuflite / Rooflite / Neolite make of approved colour with antiglare softline colour on one side to prevent glare in curve or plane shape including all fittings and fixtures such as snap on connector with grip lock double tooth locking mechanism, mill finish aluminium U profile end cap, required flashing at the junction of wall/concrete surface and sheets and other required fittings as per manufacturer specifications and including making watertight at junction etc. all complete as directed by Engineer Incharge.	80.00	Sqm
55	Disposing debris, loose stones, boulders, concrete pieces etc. collected and stacked as directed including loading in trucks, transporting out of IIT Campus including obtaining permission of BMC competent authorities for disposing off to their approved locations. The debris are to be removed from site as per instruction of engineer In-charge / his representatives (30% voids will be deducted in case of truck measurement) etc all complete as directed by Engineer Incharge.	185.00	Cum

1) Note : This schedule of work is given for reference purpose only. Contractors are requested to quote your rates online in financial bid.

2) If you will engage labourer 20 or more any day, you have to get labour licence as per contract Regulation & Abolition Act 1970 Rule 1971, and also, you have to keep all such record for inspection to the Principal Employer. If you will engage labour up to 10 Nos. per day, you have to file returns after completion of work as per Building & Construction Act to the Office of Regional Labour Commissioner (Central), Sion, Mumbai.

3) This work is to be executed as per the the clauses mentioned in the tender document signed by you. In addition to the existing safety clause of the tender document a penalty of Rs.5,000/- per case will be recovered from the bills of the particular works, in case any such safety violations are noticed.

4) 01% amount will be deducted from the bills for safety related measures which will be reimburse along with the final bill.

5) Taxes as per government notification time to time.

6) Contractor must pay GST Taxes to concern authority within 30 days time limit after receipt of payment from IIT Bombay & said record must be submitted to IIT Bombay Accounts Section, otherwise action will be taken as deemed fit.

7) If any malpractices / fraud / negligent professional behaviour or any discrepancy / inconsistency / disparity / deviation / disagreement / dissimilarity / mismatch noticed, their contract will be terminated by issuing one month notice by following legal procedure and will be blacklisted and informed to all Government Authorities and Organisations.

Superintending Engineer (I/C)