



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.	Term contract for undertaking of remedial measures to arrest leakages/seepage in Himadri Building. EO/A/CENTRAL/WKS-250/24-25	Rs.6,08,87,850/-	Rs.12,00,000/-	01 YEAR	6100002089

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 18.03.2025 to 02.04.2025 till 11:15 a.m. Date of opening of Technical Bid will be 02.04.2025 at 11.30 a.m. and Financial Bid 09.04.2025 (Tentative).

The pre-bid meeting will held on 27.03.2025 at 11:00 a.m.

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 60% 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) / Medclaim policy.
- 8) PAN card.
- 9) GST registration certificate.
- 10) Income Tax Return for last 03 years i.e. of **2021-22, 2022-23 and 2023-24**.
- 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.12,00,000 /-(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.

The rates are taken from CPWD 2021, and 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.

The pre-bid meeting will held on 27.03.2025 at 11:00 a.m. Estate Office, IIT Bombay. Contractors who wish to attend shall intimate to this office with number of visitors attending it with their names at drestate@iitb.ac.in in an advance on or before 26.03.2025 up to 04:00 p.m. Tenderers should be send by email all their queries, latest by 15.00 hours one day before to the scheduled Pre-bid meeting date to drestate@iitb.ac.in.

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.

Superintending Engineer (I/C)

[Handwritten Signature]
17/3/25 18/3

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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

File No. : EO/A/CENTRAL/WKS-250/24-25

Name of Work : Term contract for undertaking of remedial measures to arrest leakage / seepage in Himadri building.

Name of the Contractor -----

Sr. No.	Name of Client	Name of Works	2021-22 (In Lakhs)	2022-2023 (In Lakhs)	2023-2024 (In Lakhs)	2024-2025 (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/CENTRAL/WKS-250/24-25

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

Sub : Term contract for undertaking of remedial measures to arrest leakage / seepage in Himadri building.

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 01 Year 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 - 400 076.

EO/A/CENTRAL/WKS-250/24-25

ESTATE OFFICE

Name of work :- Term contract for undertaking of remedial measures to arrest leakage / seepage in Himadri building.

Schedule of Work

Sr. No.	Description of work	Qty.	Unit
1	Carefully removing internal or external plaster in patches or any length and at any height without damaging structure or brickwork in the vicinity including double scaffolding by using electric cutting tools including cutting a groove first to demarcate exact area of damage taken place and removing with chisel & hammer including stacking the debris within 50 meter, cleaning the site etc. complete. including using stepladder for internal plaster wherever required covering the furniture, floor, windows and partitions with plastic sheets. Note : a) No extra payment shall be made for extra thickness removed. b) The area in vertical plane area shall be measured.	250.00	m2
2	Removing the old cement concrete or any type of tiles from flooring manually at any floor including bedding, levelling the surface, cleaning the site including sorting out serviceable tiles and lowering to ground level the debris and stacking it upto a distance of 50 meters from building (as directed by Engineer Incharge).	183.00	m2
3	Removing the existing loose damaged brick bat coba waterproofing treatment from the sunken portion /w.c/bath at any floor or sunk surface upto any thickness without making any damages to the roof slab with the use of sharp chisels, levelling and cleaning the roof surface for providing new specialised waterproofing treatment, lowering down the debris without causing dust nuisance stacking the debris upto 50m distance from building as directed.	60.00	m3
4	Carefully removing the existing four track Dhumal sliding shutter with track from Master bedroom, keeping it aside for refixing after required. Alteration work making modification in shutters by means of reducing height as directed say upto 100mm, providing and replacing new toughened glass 6mm thick taking out old removed glasses at Ground floor and disposing the same as suggested by engineer in charge, providing and replacing new S.S. mosquito mesh of SS 304 grade making required sizes and numbers of drain holes in existing Dhumal bottom track, refixing the modified track and shutters on newly provided granite sill (will be paid in respective item), item includes providing and fixing new screws, rubber gasket / wooden gasket, concealed lock of 6" to 8" all required tools & labour all complete as directed (sliding unit of approx. 1.91m x 2.5m size)	78.00	per Job

5	Carefully removing the existing five track Dhumal sliding shutter with track from Hall, keeping it aside for refixing after required. Alteration work making modification in shutters by means of reducing height as directed say upto 100mm, providing and replacing new toughened glass 6mm thick taking out old removed glasses at Graound floor and disposing the same as suggested by engineer in charge, providing and replacing new S.S.mosquito mesh of SS 304 grade making required sizes and numbers of drain holes in existing Dhumal bottom track, refixing the modified track and shutters on newly provided granite sill (will be paid in respective item), item includes providing and fixing new screws, rubber gasket / wooden gasket, concealed lock of 6'' to 8'' all required tools & labour all complete as directed (sliding unit of approx. 3.5m x 2.5m size)	78.00	per Job
6	Carefully removing existing three track sliding window from dry balcony in various quarters of Himadri building, providing and replacing the new drain bottom section of size 139.3 x 48mm of 2.480 kg/m & refixing the window at item original location as directed. Removed bottom section will be taken out bu contractors (size of sliding track window 2.70 x 1.37m) approx.	78.00	Per Job
7	Carefully removing existing four track sliding window from BR1 in various quarters of Himadri building, providing and replacing the new drain bottom section of size 184.25 x 47.2mm of 3.109 kg/m & refixing the window at item original location as directed. Removed bottom section will be taken out bu contractors (size of sliding track window 1.72 x 1.64m) approx.	78.00	Per Job
8	Providing and applying an effective bond coat of Epoxy bonding agent manufactured by M/s. Krishna conchem, Dr. Fixit , Roff , Chembond or M.C. Bouchmey and hardner in the proportion of as per manufacture instruction (Base hardner) by using brush in multiples of coat as required to accommodate the whole thickness of PMM wherever required including double scaffolding upto any height wherever required on the surface of old concrete/required concrete. Note- The actual consumption of Epoxy bonding coat shall be measured for payment on weight basis . Challans of authorized dealer will be verified.	50.00	KG
9	Grouting existing RCC structure as per following operations including sealing leak paths with lead wool, removing nipple, plugging the hole with neat cement paste by ram packing, cleaning etc. complete. 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 if necessary.4) After through grouting sealing the holes with cement slurry.	200.00	KG
10	Providing waterproofing in W.C. and bath including brickbat coba in all position at any floor including all lead ,lifts including providing and laying 12mm bedding in cement mortar 1:3 on concrete slab & sides of sunken portion with waterproofing compound @ 1kg/per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1 kg/bag of cement grouting and finishing the top layer with 20mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1 kg/per bag of cemenr and testing the treated portion for 48 hours by pond test and covering ten years guarantee on requisite stamp paper etc. Complete.	72.00	cum

11	Providing waterproof bedding 25 mm thick for flooring of bath and W.C./balcony at any floor, In cement mortar 1:3 using 1 kg of waterproofing compound of approved make and manufacturer per bag of cement including leveling curing etc. complete.	342.00	M2
12	Providing and laying nonskid ceramic tiles at any floor of Johnson & Johnson /Nitco/ Kajaria/ Bell/ Somani for flooring approved by IITB required size from 300mm x 300mm and upto 600mm x 600mm quality, brand and shade as available in market on cement mortar 1:4 bedding using white cement pigments finished to levels slope or plumb as required including cutting of tiles. Curing, acid washing etc. all complete.	342.00	m2
13	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 silt free clear river sand including compaction, filling joints, adding recommended waterproofing admixtures @ 2% by weight of cement, marking lines to give appearances of tiles of 30cm x 30cm or other approved size laid diagonally / square, finishing with extra cement in any colour as directed, testing the roof by ponding with water for 14 days, providing waterproofing guarantee for 7 (seven) years in requisite non judicial stamp paper in favour of IITB including all lead and lift etc. Complete.	50.00	M2
14	Providing and fixing 10cm dia cast iron nahani trap with fixed SS nahani trap jali, cast iron plug bend and piece of cast iron pipe upto plug bend including removing old the nahani trap including breaking brickwork/concrete and redoing the same etc, complete contractor will be allowed to take away old nahani trap and for which 5% deduction will be made of schedule rate of this item. etc. Complete.	40.00	NOS
15	Providing and fixing Stainless Steel Floor Drain Cockroach Jali for Bathrooms, Wash Basin, Washing Machine, Toilet, Open Area, Kitchen Sinks (127MM [5" INCH])including fixing with cement paste, necessary joints filling etc. Complete.	40.00	Nos
16	Providing internal cement plaster 20mm thick in Single coat in cement mortar 1:4 without neeru finish to concrete or brick surface in all positions at any floor and at any height and curing complete.	172.00	M2
17	Providing and applying White Birla make wall care putty Smooth Finish (SF) with uniform thickness upto 1.5mm over the existing internal cement plaster in proper line / level including preparing the wall surface for the application of wall care putty etc. including using step ladder & cleaning etc. all complete as directed.	43.00	M2
18	Providing sand face plaster externally to concrete stone or brick surface at any height using approved screened sand including preparing the base, watering and applying base coat of 15 to 20mm thick in cement mortar 1:4 using water proofing compound at the rate of 1 kilogram per cement bag and curing the same for not less than two days and making the surface of base coat rough to receive the sand faced treatment 8 to 10mm thick in cement mortar 1:4 and finishing the surface by taking out grains and curing for 14 days etc. Complete.	250.00	M2


19	Providing and applying acrylic synthetic plaster (Dura plaster) of IITB approved make manufacturer over existing cement plaster including removing existing paint/synthetic plaster to receive the acrylic synthetic plaster as per manufacturer specification at any floor upto 16 story including all the necessary tools & plants etc, complete all as directed by Engineer in charge.	250.00	M2
20	Providing second class burnt brick masonry with conventional / I.S. Type bricks in cement mortar 1:6 in superstructure at any floor and any height including striking joints, racking out joints, watering and double scaffolding wherever required etc. complete.	13.00	M3
21	Providing and fixing 18 mm thick gang saw cut, mirror polished granite , premoulded and prepolished, machine cut for kitchen platforms, vanity counters, doors and windows cladding , sills, shelf, facias and similar locations at any floor of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 fine sand) or in neat cement as required, joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. a) area of slab upto 0.5 m2	199.00	M2
22	Providing and fixing in position Two track aluminium Dhumal Sliding window using sections of (27 x 65 Dhumal Section of not less than 0.984 kg per meter) 50mm x 67 mm for bottom, sides and top. (not less than 1.452 kg/mtr) drain bottom section should be use, framing outer pipe of 102mm x 25mm section not less than 1.072 kg per meter. The shutter should be of Handle Interlocking, bearing bottom of size 27 x 65 mm (not less than 0.984 kg/mtr),Dhumal Clip (not less than 0.314 kg/mtr), including providing and fixing 6mm thk. toughen glass in the shutter using rubber gasket, approved quality minimum two nos. PVC rollers for each shutter, necessary locks, handles, PVC lining and other required fittings, etc. complete as directed by Engineer in charge.(Note: All aluminium sections 15 micron anodized/ powder coated). For Guest room	574.00	M2
23	Providing and fixing in position Three track aluminium Dhumal Sliding window using sections of (27 mm x 65mm Dhumal Section not less than 0.984 kg per meter) 102mm x 50mm for bottom, sides and top. (not less than 1.888 kg/mtr) drain bottom section should be use, framing outer pipe of 102mm x 25mm section not less than 1.072 kg per meter. The shutter should be of Handle Interlocking, bearing bottom of size 27 x 65 mm (not less than 0.984 kg/mtr) Dhumal Clip of size 40mm x 30mm (not less than 0.314 kg/mtr), including providing and fixing 6mm thk. toughen glass in the shutter using rubber gasket, approved quality minimum two nos. PVC rollers for each shutter, necessary locks, handles, PVC lining and other required fittings, etc. complete as directed by Engineer in charge. (Note: All aluminium sections 15 micron anodized/ powder coated). For MBR, Hall, BR1 & BR2.	2,937.00	M2
24	P/F in position fixed glazing using 15 micron / powder coated anodised Aluminium section of size 63mm x 37mm(not less than 0.682 kg per meter) thick fixed to wall with screws and toughen glass 6mm thick fixed to the above frame in Glazing' clips of not less than 0.137 kg per meter with rubber gasket, Aluminium angle glazing , Aluminium glazing plate, Aluminium clips,filling all gaps with appropriate etc.complete.	568.00	M2

25	Providing and laying vitrified tiles for flooring of approved shade and pattern with required finish (mirror / Mat) and decorative type Nitco make premium quality or kajaria make in double charge finish or Somani equivalent quality having sizes not less than 900 x 900 mm and 8 to 10 mm thickness , confirming to IS. 15622 (floor tiles within basic cost of material Rs.70/sft) in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete as directed.	100.00	M2
26	Providing and erecting steel tubular H Frame double scaffolding with bracing to all height all around the building as directed by engineer in charge before commencement of work for multipurpose use including working platform wherever required, stiffened for all types of work and removing the same after completion of all external work requiring double scaffolding.(payments will be made once irrespective of duration / till completion of all external activity).	150.00	M2
27	Providing and fixing Jute kantan (Tarat) screen to the scaffolding of external wall and removing the same after the work is over etc. Complete.	5,912.00	m2
28	<p>Providing and applying exterior coating for wall including Cleaning the surface, removing the laitance, grease, old paints, contaminants, curing compound with wire brushing with water pressure wash. Fine hair line cracks more than 0.50 mm must be widened up to 5 mm minimum in V shape and then fill cracks with Dr. Fixit Crack-X Paste on masonry plaster surface.</p> <p>Apply primer coat prepared with Dr. Fixit Crack-X Paste and water in 1:1 proportion over the crack. Fill Dr. Fixit Crack-X Paste when the surface is tacky and not dried completely. Press Dr. Fixit Crack-X Paste firmly into the crack with a spatula or putty knives and level with the surface. Care must be taken to avoid formation of cavities or bubbles during application. Allow it to set for 24 hours and then apply another coat of Dr. Fixit Crack-X Paste.</p> <p>Apply one coat of Dr. Fixit Primeseal with water in proportion of 2:1 and stir well until a uniform consistency is achieved. Apply a single coat of diluted Primeseal on the cleaned substrate. Allow it to dry for 2 to 3 hours.</p> <p>Apply Base coat of undiluted Dr. Fixit Raincoat Waterproof Coating over the primed surface. Allow the Dr. Fixit Raincoat Waterproof Coating to dry for 4 – 6 Hrs of approved colour. Apply using brush / roller / airless spray.</p> <p>Apply top coat of undiluted High Build durable exterior waterproof wall coating Dr. Fixit Raincoat Select Top coat over the Dr. Fixit Raincoat Waterproof Coating at applied areas of approved colour, apply using brush / roller / airless spray to achieve DFT of 170 – 180 microns. Allow the Dr. Fixit Raincoat Select Top coat to dry for 6 – 8 Hrs. Allow the coated surface to air cure fully for 7 days. Work includes covering the floor, window glass with plastic sheet as directed by this office. Work Shall be got executed through certified applicator of the product manufacturing company only and work shall be guaranteed for 03 years by the contractor on requisite stamp paper including submitting written guarantee from said certified applicator. Contractor to submit reconciliation statement along with challans & tax invoice for work done.</p>	5,912.00	m2
29	Providing and sealing hairline / minor cracks in plaster by Paste formed out of polymer (S.B.R.) and cement in the proportion of (1:1 by volume) & adding extra cement for workable hand filling mix, cleaning and wetting the surface, curing and including cutting, demarcating grooves at any height with electrically operated cutter machine between sound and unsound plaster, cracks on external wall, separation cracks. (Note : For external work scaffolding will be paid in respective item).	100.00	RMT

30	Providing and erecting suspension construction cradle (gandola) platform length upto 7.5m at any height as per site requirement for maintenance and repair works by well trained operators / workers with proper safety precautions while erection, third party inspection of authorized agency and submission of safety certificate wherever required as directed, and removing the same after completion of work etc. All complete as directed by Engineer in charge. (Idle charges will not be counted for measurement)	180.00	Day
31	Disposing debris, loose stones, boulders, concrete pieces broken and dry leaves etc. collected and stacked as directed including loading in trucks, transporting out of IIT Campus including obtaining all approval of BMC competent authorities for disposing off on to their approved location. The debris are to be removed from site within 48 hours from stacking (30% voids will be deducted from actual stack measurement/ truck measurement for debris, loose stones, boulders etc.).	10.00	m3
32	Providing and applying two coats of synthetic enamel paint of IITB approved brand (Asian, Berger, ICI, Jenson & Nicholson, Goodlass Nerolac) & desired shade to old/new wood work, steel grill work including covering surface while painting etc. Complete.	2,680.00	m2
33	Providing and fixing invisible grill on chajja of BR1, Guest room in Himadri bldg., made up of stainless steel wire of 2.5mm dia over that 0.5mm PVC coating fixed on aluminium patti of size 1"x1.5" with SS bolt at bottom and at top fix with 1"x1" aluminium patti, vertical spacing between SS bar approx 2" and horizontal spacing not less than 2m fixing on any floor where with complete fittings, drillings, gap filling, hole filling with suitable material etc. complete as directed by engineer in charge, including removing existing MS grill at all heights, unloading to ground floor & taking away outside IIT Campus with the help of gandola (gandola will be paid in respective item).	1,433.00	m2
34	Modification of existing chequered plates in service duct, supplied by IITB by making necessary cutting, welding, making holes, including all lead and lift, transporting the plates from anywhere inside IITB till work site all complete as directed.	20.00	m2
35	Providing and fixing P.V.C. rain pipes 150mm outer dia. conforming to I.S. 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 approved M.S brackets projecting 25mm to 40mm from face of wall & fixing with heavy duty PVC clips of approved quality & number, filling the joints using rubber gasket with solvent cement, including necessary and maintenance for 3 years for any leakages or dislocation of pipes. All the PVC fittings and additional two piece socket clips shall be got approved from engineer in charge complete.	150.00	RMT
36	Providing and fixing P.V.C. pipes 100mm outer dia. conforming to I.S. 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 approved M.S brackets projecting 25mm to 40mm from face of wall & fixing with heavy duty PVC clips of approved quality & number, filling the joints using rubber gasket with solvent cement including necessary and maintenance for 3 years for any leakages or dislocation of pipes. All the PVC fittings and additional two piece socket clips shall be got approved from engineer in charge complete.	150.00	RMT

37	Providing and fixing fly proof stainless steel mesh of approved quality SS 304 grade to windows, doors and any other location using teak wood or aluminium anodised section of require size with necessary fittings and fixtures etc. complete as directed.	250.00	Sqm
38	Providing and applying two coats of seal cement primer of IITB approved brand, by thoroughly scrapping with patra and sand paper including removing existing peeled off paint including providing & applying readymade wall putty for entire area and applying POP for covering the undulation ,rough surfaces & preparing smooth for second coat primer (one coat of primer before patly & second coat after patly), smoothening & cleaning the surface with the use of stepladder etc. Complete.	2,000.00	Sqm
39	Providing and painting two coats of 1st quality Acrylic distemper (ready made) having VOC content less than 50gm per ltr. of approved brand quality colour and shade (of Asian paints , Berger or any other approved product of ICI or Goodlass, Nerolac) on old/new ceiling surfaces as per manufacturers specification in two coats with the help of step ladder/ working platform upto 3.5m height & covering with plastic sheet & cleaning the stains on flooring surfaces/ furniture etc. all complete as directed.	500.00	Sqm
40	Providing and painting roller finish Acrylic plastic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/litre of approved brand quality colour and shade (of Asian paints , Berger or any other approved product of ICI or Goodlass, Nerolac) to old / new wall surfaces in two coats with the use of stepladder/ working platform upto 3.5m height etc all complete as directed.	1,500.00	Sqm
41	Providing and painting readymix red oxide zinc chromate priming coat over steel and other metal surfaces etc. Complete on metal surface like grill, railing etc complete.	2,680.00	Sqm
42	Scrapping the metal surface of grill, railing etc. by thoroughly cleaning oil, grease, dirt and other foreign matter with wire brushing, fine fire steel wool, and sand paper etc. Complete	2,680.00	Sqm

- 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 recored 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)