



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.	Repairs to toilet blocks of "B wing" at Hostel No.11. EO/A/HOSTEL/WKS-257/24-25	Rs.77,50,137/-	Rs.1,55,000/-	06 calendar months	6100002100

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](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](mailto:srm@iitb.ac.in)

Date and time of submission of tender documents digitally are from 02.04.2025 to 09.04.2025 till 11:15 a.m. Date of opening of **Technical Bid will be 09.04.2025 at 11:30 a.m. and Financial Bid 11.04.2025 (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 **completed works** costing not less than the amount equal to 40% of estimated cost put to tender;  
OR  
Two **completed works**, costing not less than the amount equal to 60% of the estimated cost put to tender  
Or  
One **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 1<sup>st</sup> April and ended with 31<sup>st</sup> 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) / Mediciclaim 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.1,55,000/-(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.

**Note:**

Those contractors who do not have documents mentioned above from Sr. No. 1 to 16 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 DSR 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.

**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.**

*R. Shrivastava*  
25/03/2025  
Superintending Engineer (I/C)  
*Deepa*  
*\$ 25/3*

**TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID**

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

File No. : EO/A/HOSTEL/WKS-257/24-25

Name of Work : Repairs to toilet blocks of 'B wing' at Hostel No.11.

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/HOSTEL/WKS-257/24-25

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

Sub : Repairs to toilet blocks of 'B wing' at Hostel No.11.

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 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-257/24-25

ESTATE OFFICE

Name of Work : Renovation of toilet blocks of 'B' wing at Hostel No. 11.

**Schedule of Work**

Sr. No.	Description of work	Qty.	Unit
1	Removing old & damaged cement concrete or any type of tiles, granite, marble, kadappa with plaster 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 including scaffolding etc all complete as directed by Engineer Incharge.	850.00	Sqm
2	Removing doors and windows of any size and type with & without frame, mild steel/wrought iron grillwork and taking away the same out of IIT Campus etc all complete as directed by Engineer Incharge. (15% amount of this item will be deducted for scrap value of material)	110	Nos
3	Carefully removing existing doors (plywood/FRP) of any size and type with & without frame without any damage and re-fixing the same after completion of repair works with required modifications like cutting from bottom, fixing bedding patti etc with required necessary fixtures & fittings like screws, hinges, etc. all complete as directed by Engineer Incharge.	5	Nos
4	Carefully removing the existing old & damaged G.I./C.I./P.V.C./any other pipes from floor / walls / slab etc. without damaging the structures and taking away the same out of IIT Campus etc. all complete as directed by Engineer In-Charge. (15% amount of this item will be deducted for scrap value of material)	280.00	Rmt
5	Removing the existing bathroom fittings such bib tap/stop tap/shower/gate valve/ball valve/ mirror/ shelves/towel rods and taking away the same out of IIT Campus etc. all complete as directed by Engineer Incharge.(15% amount of this item will be deducted for scrap value of material)	300	Nos
6	Removing the existing flush tanks / wash hand basins with brackets including disconnecting the sanitary and water supply connections, with fittings and taking away the same out of 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	Nos
7	Removing WC pans including disconnecting the sanitary and water supply connections, removing and breaking flooring and bed concrete around pans and removing pan carefully and taking out dismantled material out of IIT campus etc. all complete as directed by Engineer In-charge. (15% will be deducted from contractor bill for taking material away of IIT Campus)	25	Nos
8	Taking out existing old & damaged C.I. / PVC nahani trap with connecting pieces from floor carefully and taking out dismantled material out of campus etc.all complete as directed by Engineer In-charge. (15% will be deducted from contractor bill for taking material away of IIT Campus)	45	Nos
9	Removing the existing loose and damaged brickbat coba waterproofing treatment from toilet block up to any thickness with out 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 debris without causing dust nuisance and stacking the debris upto a distance at suitable location for taking away outside IIT campus etc. all complete as directed by Engineer In-charge.	80.00	Cum

Sr. No.	Description of work	Qty.	Unit
10	Carefully removing electrical points including cable, conduits without damaging and re-fixing the same after completion of repair works with required necessary new fittings and conduit pipe wherever required with screws/clips (if any) etc. all complete as directed by Engineer-In-Charge.	120.00	Nos
11	Carefully removing the internal/external existing cement plaster damaged of any thickness from RCC members like columns, beams, slabs, chajjas, paradis,walls fins, staircase etc. in patches or any length by using electrical cutting tools/manually means up to any depth without damaging brickwork, plaster in the vicinity, cleaning, stacking the debris at suitable location, cleaning the site etc. including covering the area with plastic sheet including scaffolding / step ladder etc. all complete as directed by Engineer In-Charge.Note: 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.	490.00	Sqm
12	Pulling down burnt brick masonry/block masonry (in cement mortar) including sorting out serviceable bricks/blocks and stacking the same at suitable locations in the building premises for taking away out of IIT campus etc. all complete as directed by Engineer In-Charge.	5.00	Cum
13	Carefully exposing the existing damaged RCC members like columns, beams, slabs, chajjas, paradis, 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 alkaline based 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, working platform/stepladder 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.	100.00	Sqm
14	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 etc. all complete as directed by Engineer In-charge. 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.	160.00	Kg
15	Providing and 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) in prepared grooves / cracks/concrete surface in layers as directed including scaffolding mixing the polymer mortar with water 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 authorized dealer will be verified.	5560.00	Kg

Sr. No.	Description of work	Qty.	Unit
16	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 shrikom 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 <sup>2</sup> etc. All complete as directed by Engineer In-charge.	1,000.00	Kg
17	Providing and laying in situ plain cement concrete 1:1 ½ :3 (M-20) of trap metal for foundation and bedding including bailing out water manually, formwork, compacting and curing etc. all complete as directed by Engineer Incharge.	5.00	Cum
18	Drilling straight and inclined holes upto 300mm depth and upto 20mm dia in concrete / masonry using electrically operated drilling machine and fixing PVC nipple for grouting, conducting water test including scaffolding etc. all complete as directed by Engineer In-charge.	100	Nos.
19	Grouting existing RCC structural members & 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 including scaffolding 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.	200.00	Kg
20	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, pardies, 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.	50.00	Kg
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 scaffolding, striking joints, raking out joints and watering etc. all complete as directed by Engineer In-Charge.	10.00	Sqm
22	Providing second class burnt brick masonry with conventional/I.S. types of bricks in cement mortar 1:6 in superstructure including striking joints/raking out joints watering and scaffolding etc all complete as directed by Engineer Incharge.	5.00	Cum
23	Providing and laying autoclaved aerated cement blocks masonry with 100mm/125mm thick AAC blocks in super structure above plinth level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar, working platform, etc. all complete as directed by Engineer In-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	5.00	Cum
24	Providing waterproof bedding for flooring of w.c. & bath 25mm thick in cement mortar 1:3 using waterproofing compound 2% by weight of cement including levelling, curing etc.all complete as directed by Engineer Incharge.	160.00	Sqm
25	Providing waterproof plaster in w.c and bath 20mm thick for dado in cement mortar 1:3 with neat finishing, floating using waterproofing compound at the rate of 2% by weight of cement including curing, scaffolding etc all complete as directed by Engineer In-Charge.	980.00	Sqm

Sr. No.	Description of work	Qty.	Unit
26	Providing & laying cement based water proofing treatment to toilet block as required brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M 1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer 3 days, applying cement slurry over this layer joints of brick bats with C.M. 1:3 admixed with approved water proofing compound and finally top finishing with average 20mm thick layer of same mortar finishing the surface smooth with cement slurry admixed with approved water proofing compound including all leads, lifts, curing etc. Covering 10 (ten) years' guarantee/warranty on requisite (Rs. 500/-) non-judicial stamp paper etc. all complete as directed by Engineer In-charge.	85.00	Cum
27	Providing and fixing 10cm C.I nahani trap fixed with stainless steel 304 grade cockroach trap with S.S. grating of approved pattern, quality and make with all required fittings and fixtures, P.V.C. plug bend and piece of P.V.C. pipe upto plug bend, etc. all complete as directed by Engineer In-charge.	45	Nos
28	Providing internal cement plaster 12mm thick in single coats in cement mortar 1:4 without neeru finish to concrete or brick surfaces in all positions including scaffolding and curing etc all complete as directed by Engineer In-Charge.	145.00	Sqm
29	Providing cement plaster 20mm thick in single coats in cement mortar 1:4 without neeru finish to concrete or brick surfaces in all positions including scaffolding and curing etc. all complete as directed by Engineer In-Charge.	10.00	Sqm
30	<p>Providing and applying external waterproof plaster using factory made ready mix polymer cement mortar plaster.</p> <p>i) Providing and rendering the prepared surfaces with new sand faced cement plaster of minimum 20mm thick in two coats by using factory made ready mix polymer modified cement plaster waterproof plaster of approved make (M/s Wall Plast, M/s Fare-Matt) or equivalent.</p> <p>ii) The base coat of minimum 12mm thick using above ready mixed polymer modified mortar plaster to proper plumb level &amp; line including making the plaster surface rough (all as per the manufacturer's specifications) to receive the top finish coat.</p> <p>iii) Applying top/finish coat plaster of minimum 8mm thickness with similar ready mix polymer cement mortar plaster finishing in perfect plumb, line &amp; level so as to obtain fine sand grain finish by using branded approved variety sponge or using mechanised device 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.</p> <p>iv) The rate shall include providing double scaffolding as per the specifications prescribed at above upto the required height and doing work at all heights and lifts.</p>	10.00	Sqm
31	Providing and fixing European type water closet pan white glazed earthenware (Hindware, Parryware, Cera, Johnson) including seat cover, cast iron soil and vent pipes upto the outside face of wall, 10 litres approved low level PVC flushing cistern (Jaquar, Hindware, Parryware, Cera, Johnson) with all fittings and stop tap (Jaquar), brackets for fixing the low level flushing cistern, 32mm dia PVC heavy type flush pipe with fittings and clamps, cutting and making good walls and floors etc. all complete as directed by Engineer In-charge.	15	Nos



Sr. No.	Description of work	Qty.	Unit
32	Providing and fixing Orrisa type white glazed earthenware 580mm x 450mm water closet pan (Jaquar,Hindware, Parryware, Cera, Johnson) including trap, cast iron upto the outside face of the wall including 100mm. diameter cast iron / PVC plug bend, cement concrete bedding, 10 litres capacity approved llow level PVC flushing cistern (Jaquar,Hindware, Parryware, Cera, Johnson) with fittings, inlet pipe with stop tap (Jaquar) , brackets, 32mm. diameter PVC flush pipe with fittings and clamps, making good the walls and floors etc. all complete as directed by Engineer In-charge.	12	Nos
33	Providing and laying approved non skid coloured ceramic floor tiles of required size and brand of not less than 600mm X 600mm of IITB approved brand, and 6mm to 8mm thick 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. (MAKE:SOMANI/KAJARIA/JOHNSON/NITCO/EURO)	150.00	Sqm
34	Providing and fixing coloured ceramic wall tiles of required size and brand of 450mm x 600mm /300mm x 600mm or above and 6mm to 8mm thick for dado & skirting in required position on plaster of 1:4 cement mortar including 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 Incharge. (MAKE:SOMANI/KAJARIA/JOHNSON/NITCO/EURO)	980.00	Sqm
35	Providing and laying colour veined granite slabs not less than 16mm thick of approved quality colour and veins for doors / windows, shelves, claddings, partitions & washbasin platform laid on a bed of 1:4 cement mortar including rounding / moulding, polishing, filling joints with white / coloured cement to match colour of tiles, curing polishing etc all complete as directed by Engineer In-charge.	200.00	Sqm
36	Providing and laying black granite slabs of not less than 16mm thick of size 12"x12" for bathroom corner piece with cement mortar including moulding, filling joints with white cement to match colour of slab, curing polishing and making grooves in the walls without damaging the dado tiles, cleaning, etc. all complete as directed by Engineer In-Charge.	25.00	Nos
37	Providing and laying 25 to 30mm thick polished black kadappa stone of approved shape, quality and colour for washbasin platform including cutting holes of required sizes in appropriate places to receive pipes etc., fixing in the cement mortar 1:3, curing and cleaning etc all complete as directed by Engineer In-charge.	15.00	Sqm
38	Providing and laying Kotah stone for flooring not less than 25mm thick of required size in plain / diamond pattern on a bed of 1:4 cement mortar (1 cement : 4 crush sand) or 20 mm thick plaster of cement mortar 1:3 (1 cement : 3 coarse sand) including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. all complete as directed by Engineer In-charge.	10.00	Sqm
39	Providing and fixing 15cm x10cm Salt Glazed Stoneware Gully Trap in cement concrete 1:1.5:3 outside the building including connecting to PVC waste water pipe ,brick masonry chamber with cast iron lid grating for the gully trap etc. all Complete as directed by Engineer Incharge.	2	Nos

Sr. No.	Description of work	Qty.	Unit
40	Providing and fixing ISI 1729/2002 grade 100mm dia. cast iron soil / waste water pipe with necessary fittings such as bends, tees, single junctions, double junctions, slotted vent, offsets on walls or in the ground including filling joints with cement mortar 1:2 and two coats of anticorrosive paint including fixing the pipe on walls by means of nails driven through lugs in wooden holders / battens including necessary scaffolding etc. all complete as directed by Engineer In-Charge.	80.00	Rmt
41	Providing and fixing ISI 1729/2002 grade 75mm dia. cast iron waste water pipes with necessary fittings such as bends, tees, single junctions, double junctions, slotted vent, offsets on walls or in the ground including filling joints with cement mortar 1:2 and two coats of anticorrosive paint including fixing the pipe on walls by means of nails driven through lugs in wooden holders / battens including necessary scaffolding etc. all complete as directed by Engineer In-Charge.	130.00	Rmt
42	Providing and fixing P.V.C. soil / waste water pipes 40mm inner dia. conforming to I.S. including with P.V.C. plug bend, necessary fittings such as offsets including fixing the pipe on wall using approved M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number, filling the joints using rubber gasket with solvent cement including necessary scaffolding. etc. all complete as directed by Engineer In-charge. (Submission of warranty for maintenance for a period of 3 years for any leakages /dislocation of pipes after the completion date on a non-judicial stamp paper of Rs.500/-.) (Make-Finolex/Kissan/Prince)	20.00	Rmt
43	Providing and fixing P.V.C. soil / waste water pipes 50mm inner dia. conforming to I.S. including with P.V.C. plug bend, necessary fittings such as offsets including fixing the pipe on wall using approved M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number, filling the joints using rubber gasket with solvent cement including necessary scaffolding. etc. all complete as directed by Engineer In-charge. (Submission of warranty for maintenance for a period of 3 years for any leakages /dislocation of pipes after the completion date on a non-judicial stamp paper of Rs.500/-.) (Make-Finolex/Kissan/Prince)	20.00	Rmt
44	Providing and fixing P.V.C. soil / waste water pipes 75mm inner dia. And having wall thickness of 2 to 3.2 mm including with P.V.C. plug bend, necessary fittings such as offsets including fixing the pipe on wall using approved M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number, filling the joints using rubber gasket with solvent cement including necessary scaffolding. etc. all complete as directed by Engineer In-charge. (Submission of warranty for maintenance for a period of 3 years for any leakages dislocation of pipes after the completion date on a non judicial stamp paper of Rs.500/-) (Make – Finolex/Kissan/Prince)	155.00	Rmt
45	Providing and fixing P.V.C. soil / waste water pipes 110mm outer dia including with P.V.C. plug bend, necessary fittings such as offsets including fixing the pipe on wall using M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number, filling the joints with PVC solvent including necessary scaffolding.etc. all complete as directed by Engineer In-charge. (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/-.) (Make-Finolex/Kissan/Prince)	110.00	Rmt

Sr. No.	Description of work	Qty.	Unit
46	Providing and laying 15mm dia I.S.I. approved heavy type 'C' class galvanised iron pipes having weight as per IS specification to walls, ceilings, floors etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling in holes in walls / slabs, laying on ground connecting to existing G.I. Line etc. and remaking good the demolished portion to restore the same in original condition neatly and applying primer and two coats of oil painting including necessary scaffolding etc.all complete as directed by Engineer In-charge.	220.00	Rmt
47	Providing and laying 20mm dia I.S.I. approved heavy type 'C' class galvanised iron pipes having weight as per IS specification to walls, ceilings, floors etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling in holes in walls / slabs, laying on ground connecting to existing G.I. Line etc. and remaking good the demolished portion to restore the same in original condition neatly and applying primer and two coats of oil painting including necessary scaffolding etc.all complete as directed by Engineer In-charge.	150.00	Rmt
48	Providing and laying 25mm dia I.S.I. approved heavy type 'C' class galvanised iron pipes having weight as per IS specification to walls, ceilings, floors etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling in holes in walls / slabs, laying on ground connecting to existing G.I. Line etc. and remaking good the demolished portion to restore the same in original condition neatly and applying primer and two coats of oil painting including necessary scaffolding etc.all complete as directed by Engineer In-charge.	20.00	Rmt
49	Providing and laying 40mm dia I.S.I. approved heavy type 'C' class galvanised iron pipes having weight as per IS specification to walls, ceilings, floors etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling in holes in walls / slabs, laying on ground connecting to existing G.I. Line etc. and remaking good the demolished portion to restore the same in original condition neatly and applying primer and two coats of oil painting including necessary scaffolding etc.all complete as directed by Engineer In-charge.	10.00	Rmt
50	Providing and fixing 1/2" dia CP Bib Tap/stop cock/ Two way bib Tap/ Angular stop cock of Jaquar make (continental series) not less than 400 grams including necessary fittings and fixtures etc.all complete as directed by Engineer In-charge.	100	Nos
51	Providing and fixing 15mm dia gate valve/stop cock of ISI mark (brass) including necessary socket union/nut etc. all complete as directed by Engineer In-Charge. (Make:-Zoloto,AM, Leader)	12	Nos
52	Providing and fixing 20mm dia gate valve/stop cock of ISI mark (brass) including necessary socket union/nut etc. all complete as directed by Engineer In-Charge.(Make:-Zoloto,AM, Leader)	10	Nos
53	Providing and fixing 25mm dia gate valve/stop cock of ISI mark (brass) including necessary socket union/nut etc. all complete as directed by Engineer In-Charge. (Make:-Zoloto,AM, Leader)	15	Nos
54	Providing and fixing 40mm dia gate valve/stop cock of ISI mark (brass) including necessary socket union/nut etc. all complete as directed by Engineer In-Charge. (Make:-Zoloto,AM, Leader)	5	Nos
55	Providing and fixing 15mm dia ball valve of ISI mark (Brass) including necessary socket union/nut etc all complete as directed by Engineer In-charge.	5	Nos
56	Providing and fixing 20mm dia ball valve of ISI mark (Brass) including necessary socket union/nut etc all complete as directed by Engineer In-charge.	5	Nos

Sr. No.	Description of work	Qty.	Unit
57	Providing and fixing 25mm dia ball valve of ISI mark (Brass) including necessary socket union/nut etc all complete as directed by Engineer In-charge.	5	Nos
58	Providing & fixing counter bottom wash basin of Parryware make including fixing with waste coupling, jaquar high neck pillar tap (Jaquar), stop tap (Jaquar) , 40/50mm dia P.V.C outlet pipe up to nahani trap including all necessary fitting and fixtures etc all complete as directed by Engineer In charge.	25	Nos
59	Providing and fixing 100 mm dia rotating type brass shower rose of 15mm dia including necessary shower arm, bend and socket etc. all complete as directed by Engineer In-Charge.	25	Nos
60	Providing and fixing heavy duty SS jet spray of approved brand with necessary pipe and brass chromium plated sprayers with stand for western & indian type water closets etc. all complete as directed by Engineer In-Charge.	25	Nos
61	Providing and fixing FRP molded shutter 30mm thick of Advance / Rawji / approved brand in flush panel design as approved. FRP thickness to be 2.00mm, including extra reinforcement on sides and edges. The core of shutter to be Polygon Foam done in situ with wooden styles embedded for taking hinges, fixtures etc. Both side of shutter to be finish in Gel-Coat. Shutter to have recess to hinges. The whole shutter to be totally waterproof, resistance to mild acid/alkali. Colour as per choice including fixing of fittings such as 3 nos 4" heavy type S.S. hinges, S.S. aldop, 2 nos 6" S.S. handles etc. all completed as directed by Engineer In-charge.	100.00	Sqm
62	Providing and fixing chromium plated stainless steel towel rails 16mm dia., 750mm long of approved quality fixed on wooden blocks with chromium plated brackets and screws etc. all complete as directed by Engineer In-charge.	45	Nos
63	Providing and fixing mirrors of any size with 6mm thick of approved Indian quality copper plated with 4mm thick bakelite/hardner sheet, fixing mirror on wall with Aluminium F channel framework hanging hooks, aluminium angle bracket for all corners,screws etc. all complete as directed by Engineer In-charge.	15.00	Sqm
64	Providing and fixing ISI marked hyper make hydraulic door closer to door shutter including making proper adjustment for smooth operation etc. completed as directed Engineer In-charge.	13	Nos
65	Providing and fixing in position three track aluminium sliding windows using drain bottom sections of size 92 mm x 45mm x 1.05 mm (1.659kg/mtr) thick for bottom, sections of size 92 mm x 31mm x 1.30 mm (0.933kg/mtr) thick for sides and top. The shutter comprising of bottom and top member of size 40 mm x18 mm x 1.25 mm (0.417kg/mtr) thick , interlocking section of size 40 mm x 18 mm x 1.10 mm (0.469kg/mtr) thick and handle section of size 40mm x 18 mm x 1.25 mm (0.417kg/mtr) thick including providing and fixing 5mm thk. glass in the shutter using rubber gasket with require fittings such as 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 and fitting are 15 micron anodized/ powder coated).	40.00	Sqm
66	Providing and fixing aluminium louvered ventilators using 50mm x 25mm aluminium box frame (0.59 Kg/Rmt) anodized to 15 microns / powder coated for outer frame and intermediate vertical members as directed including 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 necessary provision for exhaust system etc.all complete as directed by Engineer In-charge.	30.00	Sqm

Sr. No.	Description of work	Qty.	Unit
67	Providing and fixing 15 micron anodized/ powder coated aluminium section for door frame, windows, partitions and any other required work etc. of required size including fixing with required fittings such as screws and other required fittings including fixing in proper alignment, rectifying all damaged, P/F wood inside frame for fixing hinges etc. all complete as directed by Engineer In-charge.	10.00	Kg
68	Providing & fabricating structural steel works in rolled sections like channels, angles, tees, M.S. plate, pipe, flats etc. as per site requirement including fixing in position with connecting plates, braces, and welding as necessary etc. including painting with one coat of red oxide primer and two coats of S.E.P, including necessary step ladder/ MS H frame scaffolding etc. all complete as directed by Engineer In-charge.	500.00	Kg
69	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.	25	Nos
70	Providing and applying three or more coats of white washing with lime to given an even shade to the existing internal cement plaster in proper line / level including preparing the wall surface for the application of white wash and scaffolding etc all complete as directed by Engineer In-charge.	160.00	Sqm
71	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 including scaffolding etc. all complete as directed by Engineer In-Charge.	160.00	Sqm
72	Providing and applying one coat of seal cement primer IITB approved brand, cleaning the surface with the use of stepladder/scaffolding including covering the floor, window glass with plastic sheet, scrapping the surface, removing nails, socket holes, levelling the entire surface with lambi / palti and cleaning etc. all complete as directed by Engineer In-Charge. (Asian/Berger/Nerolac)	160.00	Sqm
73	Providing and applying roller finish Acrylic plastic emulsion paint of IITB approved manufacturer and of desired colour and shade to old / new ceiling & wall surfaces in two coat with uniform finish with the use of stepladder/scaffolding, scrapping, preparing and levelling the surfaces with palti/putty, as per manufactures specification including covering the floor, window glass with plastic sheet and cleaning (excluding priming coat)etc. all complete as directed by Engineer-In-Charge.(Asian / Berger / Nerolac )	160.00	Sqm
74	Providing and applying one priming coat of IITB approved brand to the old/new structural steel works 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)	10.00	Sqm
75	Providing and applying two coats of synthetic enamel paint of Asian/Berger/Nerolac make and of approved colour and shade to new/old structural steel works, including scaffolding wherever required, cleaning and preparing surfaces by solvent, degreasing and derusting by manual scrapping, etc. all complete as directed by Engineer-In-Charge.	10.00	Sqm

Sr. No.	Description of work	Qty.	Unit
76	Providing and fixing mild steel grill work of required pattern for windows, open area, etc. With M.S angles, flats, square or round bars and doors in M.S. grill including fixtures, necessary welding and painting with one coat of anti-corrosive paint and two coats of synthetic enamel paint and scaffolding wherever required, etc. all complete as directed by Engineer-In-Charge.	1000.00	Kg
77	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 including necessary etc. all complete as directed by Engineer Incharge.	455.00	Rmt
78	Engaging a lady supervisor for full time for the toilet renovation work at Hostel No. 11 including making entry/exit of labours in the hostel, arrangement of labours, coordination with Hostel authorities, etc all complete as directed by Engineer In-Charge.	180.00	Mandays
79	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 on to their approved locations. The debris are to be removed from site as soon as the truck load is accumulated etc. all complete as directed by Engineer In-Charge (30% voids will be deducted from actual measurement for loose stones, boulders, concrete pieces)	110.00	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.

*R. Lapunli*  
25/02/2025

Superintending Engineer (I/C)

*Deepak*  
25/3