



INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY  
ESTATE OFFICE, POWAI, MUMBAI, MAHARASHTRA – 400 076  
TEL. 022 2576 4995/ 022 2159 6992 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.	Renovation of toilet and bathroom blocks at Hostel No. 03. EO/A/HOSTEL/WKS-183/24-25	Rs.1,63,59,811/-	Rs 3,27,000/-	01 year	6100062013

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**.

Date and time of submission of tender documents digitally are from 14.02.2025 to 27.02.2025 till 11:15 a.m. Date of opening of **Technical Bid will be 27.02.2025 at 11.30 a.m. and and Financial Bid 05.03.2025 (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) / Mediciam 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) Labour Licence obtained during last 03 years

- 14) 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.3,27,000/-(EMD amount) drawn in favour of "The Registrar, IIT Bombay" on online Tendering Portal.
- 15) Power of Attorney, if any.
- 16) 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.
- 17) **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 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 an estimate are based on CPWD-DSR 2021 and 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.**

*R. Chhapuk*  
12/09/2015  
Superintending Engineer (I/C)

*12/09/2015*

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

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

File No. : EO/A/HOSTEL/WKS-183/24-25

Name of Work : Renovation of toilet and bathroom blocks at hostel no.3.

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.

*Signature*  
*12/02/2025*

Superintending Engineer (I/C)

*4.2.25*

Signature of Contractor  
Name & Address in full

## WORKS UNDERTAKING

EO/A/HOSTEL/WKS-183/24-25

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

Sub : Renovation of toilet and bathroom blocks at hostel no.3.

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 One 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 – 400076

EO/A/HOSTEL/WKS-183/24-25

ESTATE OFFICE

Name of Work :Renovation of toilet and bathroom blocks at Hostel No.3

Schedule of Work

Sr. No.	Description of work	Qty.	Unit
1	Removing old cement concrete or any type of tiled flooring including removing plaster levelling the surface, cleaning the site including sorting out serviceable tiles and stacking the same and debris disposing off upto a distance of 50 meters etc all complete as directed by Engineer Incharge.	1550.00	Sqm
2	Pulling down burnt brick masonry (in cement mortar) with plaster, wall tiles including sorting out serviceable bricks and stacking the same at suitable location as directed and disposing/stacking the debris at suitable location for taking away out of IIT campus etc. all complete as directed by Engineer Incharge.	55.00	Cum.
3	Removing doors and windows of any size and type with 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)	210.00	No
4	Carefully removing the existing G.I./C.I./P.V.C./C.I. drain pipes from floor / walls / slab etc. with out damaging the structures and taking away the same out of IIT Campus, scaffolding etc. all complete as directed by engineer Incharge.(15% amount of this item will be deducted for scrap value of material)	3150.00	Rmt
5	Removing the existing bathroom fittings such bib tap/stop tap/shower/gate 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)	520.00	Nos
6	Removing the existing urinals/ flush valves/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)	161.00	Per No.
7	Removing w.c. pans including disconnecting the sanitary and water supply connections and taking away the same 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)	12.00	Per No.

Sr. No.	Description of work	Qty.	Unit
8	Taking out old 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)	79.00	Per No.
9	Removing the existing loose and damaged brickbat coba waterproofing treatment from toilet/bathroom block up to any thickness with out making any damages to the roof/floor slab with the use of sharp chisels, levelling and cleaning the roof/floor 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 outside IIT Campus etc. all complete as directed by Engineer In-charge.	72.00	Cum
10	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.	2,900.00	Sqm
11	Providing & laying cement based water proofing treatment to toilet/bathroom blocks as per required thickness,laying brick bats in required slope to drain the water after cleaning the base surface. Applying a coat of cement slurry mixed with water proofing compound and laying the brick bats upto required thickness in layers in C.M 1:5 mixed with water proofing compound @ 1kg per bag of cement, curing the layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M. 1:3 mixed with water proofing compound and finally top finishing with average 20mm thick layer of same mortar, curing including all leads,lifts etc. Covering 5 years' guarantee on requisite (Rs-100/-) judicial stamp paper etc. all complete as directed by Engineer In-charge.	72.00	Cum
12	Providing waterproof bedding for flooring of bath and W.C. 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.	350.00	Sqm
13	Providing and fixing Orrisa type white glazed earthenware 580mm x 450mm water closet pan of Hindware,Parrywarw,Cera including trap, pvc pipe upto the outside face of the wall including 100mm. diameter pvc plug bend, cement concrete bedding, 10 litres capacity approved low level PVC flushing cistern with fittings, inlet pipe with stop tap, 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. (excluding waterproof brick bat coba)	32.00	No.

Sr. No.	Description of work	Qty.	Unit
14	Providing and fixing European type wall mounted white glazed earthenware water closet pan of Hindware, Parryware, Cera, including pvc soil and vent pipes upto the outside face of wall, 10 litres approved low level PVC flushing cistern with all fittings and stop tap, 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.	32.00	No.
15	Providing and fixing heavy duty jet spray with necessary pipe and brass chromium plated sprayers for water closets etc. all complete as directed by Engineer In-charge.	64.00	No.
16	Providing and fixing 10cm P.V.C. nahani trap fixed with S.S cocroach trap of approved pattern, quality and make, P.V.C. plug bend and piece of P.V.C. pipe upto plug bend, etc. all complete as directed by Engineer In-charge.	99.00	Per No.
17	Providing second class burnt half brick masonry with conventional type bricks in cement mortar 1:4 in superstructure including scaffolding, striking joints racking out joints and watering etc.all complete as directed by Engineer In- charge.	355.00	Sqm
18	Providing cement plaster 12mm thick in single coat in cement mortar 1:4 to concrete or brick surfaces in all positions including curing, scaffolding and curing etc.all complete as directed by Engineer In-charge.	25.00	Sqm
19	Providing and laying approved non skid coloured ceramic tiles of required size and brand (450mm x450mm and above) and 5 to 8.5mm 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.	350.00	Sqm
20	Providing and fixing coloured ceramic tiles of required size and brand (300mm x450mm or above) about 5 to 6mm thick for dado and 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.	2,200.00	Sqm
21	Providing and laying colour veined granite slabs 16 to 20mm thick of approved quality colour and veins for doors/windows, claddings, partitions, washbasin counter 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.	285.00	Sqm

Sr. No.	Description of work	Qty.	Unit
22	Providing and fixing FRP molded shutter 30mm thick of Advance FRP company in flush or depressed 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 brass hinges, brass aldop, stopper, tower bolt etc. all completed as directed by Engineer In-charge.	185.00	Sqm
23	Providing and fixing aluminium louvered ventilators using 50mm x 25mm x 16 guage 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.	42.00	Sqm
24	Providing & fabricating structural steel works in rolled sections like channels, angles, tees, M.S. plate etc. as per site requirement including fixing in position with connecting plates, braces, and welding as necessary including one coat of metal primer etc. all complete as directed by Engineer In-charge.	3050.00	kg
25	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 or as directed by Engineer In-charge.	930.00	Rmt
26	Do as per item no.25 for 20mm dia G.I. pipes	90.00	Rmt
27	Do as per item no.25 for 25mm dia G.I. pipes	640.00	Rmt
28	Do as per item no.25 for 32mm dia G.I. pipes	340.00	Rmt
29	Do as per item no.25 for 40mm dia G.I. pipes	65.00	Rmt
30	Do as per item no.25 for 50mm dia G.I. pipes	50.00	Rmt
31	Providing and fixing P.V.C. soil / waste water pipes 75mm inner dia. And having wall thickness of 2 to 3.2 mm conforming to I.S. 13592-1992 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.100/-.)	565.00	rmt



Sr. No.	Description of work	Qty.	Unit
32	Providing and fixing P.V.C. soil / waste water pipes 110mm outer dia. And having wall thickness of 2.5 to 3.2mm conforming to I.S. 13592-1992 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 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.100/-.)	175.00	Rmt
33	Providing and fixing P.V.C. rain water pipes 150mm outer dia. and having wall thickness of 2.2 to 2.7mm conforming to I.S. 13592-1992 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 and properly resting the shoe of pipes on C.C. or masonry blocks, 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.100/-.)	380.00	Rmt
34	Providing and fixing 1/2" dia CP Bib Tap/stop cock of Jaquar make (continental series) including necessary fittings and fixtures etc.all complete as directed by Engineer In-charge.	220.00	No.
35	Providing and fixing 15mm dia. gate valve of ISI mark (Brass) including necessary socket union/nut etc all complete as directed by Engineer In-charge.	5.00	No.
36	Do as per item no.35 for 20mm dia gate valve	5.00	No.
37	Do as per item no.35 for 25mm dia gate valve	15.00	No.
38	Do as per item no.35 for 32mm dia gate valve	10.00	No.
39	Do as per item no.35 for 40mm dia gate valve	22.00	No.
40	Do as per item no.35 for 50mm dia gate valve	5.00	No.
41	Providing and fixing 50mm dia rotating type brass shower rose of 15mm dia including necessary bend and socket etc. all complete as directed by Engineer In-charge.	39.00	nos
42	Providing and fixing chromium plated stainless steel towel rails 16mm dia., 750mm long of approved quality fixed on chromium plated brackets etc. all complete as directed by Engineer In-charge.	39.00	nos
43	Providing & fixing counter bottom wash basin of Parryware make including fixing with waste coupling including all necessary fitting and fixtures etc all complete as directed by Engineer In charge.	65.00	nos
44	Providing & fixing Jaquar high neck pillar tap including all necessary fitting and fixtures etc all complete as directed by Engineer In charge.	65.00	nos

Sr. No.	Description of work	Qty.	Unit
45	Providing and fixing mirrors 6mm thick of approved Indian quality copper plated with 4mm thick bakelite/hardner sheet, fixing mirror on wall with Aluminium F channel framework hanging hook, aluminium angle bracket for all corners,screws etc. all complete as directed by Engineer In-charge.	45.00	Sqm
46	Providing and fixing white vitreous china flat back half stall urinal size 590mm X 400mm X 380mm of Hindustan, Neycer, Parryware, Cera, Johnson and Pedder make including necessary fittings such as L shaped hooks, spreader and waste outlet P.V.C pipe upto the trap etc. all complete as directed by Engineer In-charge.	32.00	No.
47	Providing and fixing urinal push cock and other fittings of "Jaquar" make etc. all complete as directed by Engineer In-charge.	32.00	No.
48	Carefully removing the internal & external existing damaged cement plaster 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 furniture 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. (The area in vertical/horizontal plane shall be measured for payment only).	1750.00	Sqm
49	Exposing the existing damaged RCC members like columns, beams, slabs, chajjas, paradis, fins, staircase etc in patches or any length by using electrical cutting tools/manual means up to any depth till the corroded reinforcement will be opened allround without damaging brickwork, plaster in the vicinity, cleaning, stacking the debris, cleaning the site etc.all complete as directed by Engineer In charge, including covering the furniture with plastic sheet while exposing concrete including scaffolding/ step ladder. Note: Proper tools to be used for removal of concrete. (The area in vertical/horizontal plane shall be measured for payment only)	110.00	Sqm
50	Old reinforcement treatment providing and applying reinforcement treatment, comprising of following operations. · Cleaning the reinforcement from all sides by using wire brush, tools etc. · Application of rust converter such as Alkaline base as per manufacturers specification, cleaning including scaffolding etc. all complete as directed by Engineer In-charge. · Actual consumption of Alkaline base converter shall be measured for payment on weight basis. Tax Invoice of authorized dealer will be verified.	21.00	Kg.

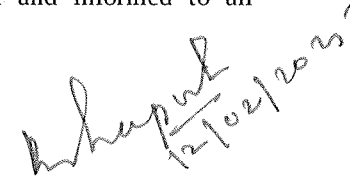
Sr. No.	Description of work	Qty.	Unit
51	Providing and applying an effective bond coat of Polymer (SBR) approved by IITB and cement in the proportion of 1:1 using brush in multiple coats as required to accommodate the whole thickness of polymer modified mortar wherever required on the surface of old 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. Tax Invoice of authorized dealer will be verified.	165.00	Kg.
52	Providing and Placing in position readymix polymer mortar manufacture by Dr. Fixit, Sunanda, Roff, MC Bouchmey, Chembond and approved , adding water in the proportion of 1:0.14 (polymer mortar : water),mixing PMM with water,applying polymer modified mortar in layers as directed etc all complete as directed by Engineer Incharge. (Payment will be paid for the actual quantity of polymer mortar used on weight basis.Tax Invoice of authorized dealer will be verified.	7050.00	Kg.
53	Providing & fixing in position mild steel bar / tor steel bar / TMT bar reinforcement of various diameters for RCC lintels, beams, slabs, column etc as per details given including cutting, hooking the bars, binding with wires or tack welding & supporting as required etc. all complete as directed by Engineer In-charge.	50.00	Kg
54	Providing cement plaster 20mm thick in single coat in cement mortar 1:4 to concrete or brick surfaces in all positions including curing, scaffolding etc.all complete as directed by Engineer In-charge.	50.00	Sqm
55	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 etc. all complete as directed by Engineer In-charge.	130.00	Sqm
56	Providing and applying external sand faced cement waterproof plaster minimum 20mm thick in two coats by using factory made ready mix polymer cement mortar plaster of approved make (M/s Wall Plast, M/s Fare-Matt) or equivalent.Applying base coat of 12mm thick to proper plumb level & line including making the plaster surface rough (as per the manufacturer's specifications) to receive the top finish coat. 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. 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 etc. all complete as directed by Engineer Incharge.	1125.00	Sqm

Sr. No.	Description of work	Qty.	Unit
57	Providing and applying Dr. Fixit Raincoat two coats + one coats prime seal as per manufacture's specification on plastered surface over concrete/brickwork including scaffolding and cleaning the surface thoroughly, watering the surface,removing of unwanted nails,plugs etc. complete including covering the floor, window glass with plastic sheet and as per the method of surface preparation given below Method of Application 1)Use Raincoat directly from the container. Stir contents well before use. 2)Apply two neat coats of Raincoat without dilution by brush or roller at a time interval of 5-6 hours. 3) For enhanced protection, apply additional coat of Raincoat on rain lashing walls, chajjas and parapet walls. 4)Allow the coated surface to air cure fully for 7 days. Covering Guarantee for rectification of leakages/seepages for period for 3 monsoon on requisite stamp paper of Rs.100/- after actual completion of work etc. All complete as directed by Engineer Incharge.	1125.00	Sqm
58	Providing and fixing cement bonded wood particle board (bison panel) 20mm thick to terrace duct opening at any floor, providing suitable hole for fixing nuts and bolts , proper slope double scaffolding wherever required etc. all complete as directed by Engineer Incharge.	15.00	Sqm
59	Providing and applying one coat of seal cement primer IITB approved brand, cleaning the surface including covering the floor, window glass with plastic sheet, scrapping the surface, removing nails, socket holes, levelling the entire surface with lambi / palti with the use of stepladder/scaffolding, removing stains from floor after completion of work etc. all complete as directed by Engineer In-charge. (Make: Asian/Berger/Nerolac/Dulux)	350.00	Sqm
60	Providing and applying Acrylic oil bound distemper of IITB approved manufacturer and of desired colour and shade to old / new ceiling & wall surfaces in two coats with uniform finish with the use of stepladder/ MS H frame scaffolding as per manufactures specification including covering the floor, window glass with plastic sheet and cleaning etc. all complete as directed by Engineer In-charge. (Make: Asian/Berger/Nerolac/Dulux)	350.00	Sqm
61	Providing and applying two coats of synthetic enamel paint of approved colour to new/old structural steelwork in building including scaffolding if necessary, cleaning and preparing surfaces by solvent, degreasing and derusting by manual scrapping, removing of unwanted nails, plugs etc. All complete as directed by Engineer Incharge.	150.00	Sqm
62	Carefully removing the electrical cable, points, conduits without damage and re-fixing the same after completion of repair works with required necessary new fittings including screws/clips (if any) etc. all complete as directed by Engineer In-charge.	112.00	Per No.

Sr. No.	Description of work	Qty.	Unit
63	Providing and fixing in position best quality salt glazed stone ware gully trap with 150mm x 150mm square inlet and 100 mm n.b. outlet conforming to IS 651 including embedding the trap in M-20 (1:1½:3) cement concrete, construction of brick masonry chamber 300mm x 300mm internal in 230mm thick brick masonry, plastering, finishing with neat cement floating coat, providing and fixing C. I. cover and frame weighing not less than 7 kg. etc including removing the old damaged gully trap, connecting all old and new inlets and outlet pipes including running lines, jointing etc. all complete as directed.	12.00	Nos
64	Constructing inspection chambers of internal clear dimensions 900mm x 450mm with 230mm thick brick masonry wall in cement mortar 1:6 over abed of 150mm thick cement concrete M-20 (1:1½:3) foundation with 150mm minimum offset beyond masonry wall plastering with cement mortar 1:4, 20mm thick on internal, external and all exposed faces, finished with floating coat of neat cement, including necessary cement concrete M-20 (1:1½:3) for forming benching and channel, including providing and fixing precast R.C.C. frame and cover of suitable size, medium duty, manufactured by K. K. Manhole Industries as approved by Engineer Incharge and fixing with cement concrete coping M-20 (1:1½ :3) and plastering complete including necessary dewatering, if required etc. for chambers of depth upto 750mm.	8.00	per no.
65	Providing and fixing 200mm(OD) dia.ISI approved HDPE pipes manufactured by ARHAM Engineering/ BERLIA /NOCIL / PIL with wall thickness of 12mm for drainage pipe line with all required fittings etc. with proper line and gradient connecting all joints with fusion butt welding by using suitable welding machine or hot plate etc, testing the line & joints with smoke test method as per manufacturer specification or as per direction of Engineer In-charge including removing the existing S.W. pipeline etc. all complete as directed by Engineer In-charge.	80.00	Rmt
66	Making connection/disconnection of drainage pipeline with existing manhole/chamber/branchline including breaking into and making good the walls,floors with cement concrete 1:1½:3 mix ,cement plastered on both sides with cement mortar 1;4 finished with a floating coat of neat cement etc. all complete as directed by Engineer Incharge.	20.00	Each
67	Excavation in foundation in earth,soil of all types, sand, gravel and soft murum including removing the excavated materials upto a distance of 50 meters/as directed beyond the building area and lift upto 1.50 meters, stacking and spreading as directed including dewatering unless provided elsewhere, preparing the bed for the foundation and necessary backfilling, ramming, watering complete excluding shoring and strutting etc all complete as directed by Engineer Incharge.	100.00	Cum
68	Dismantling plain cement concrete work including breaking concrete by chiseling, wedging & stacking debris upto a distance of 50m or spreading in low lying area of I.I.T. campus etc. all Complete as directed by Engineer Incharge.	1.00	Cum

Sr. No.	Description of work	Qty.	Unit
69	Supplying, Spreading and handpacking dry rubble for soling using contractor's stones including filling voids by chips, compacting including transportation, loading, unloading, labour, tool, plant etc. all complete as directed by Engineer Incharge. ( 10% amount of this item will be deducted for using IITB stones available at site)	45.00	Cum
70	Providing and laying in situ plain cement concrete M-20 of trap metal for foundation bedding including bailing out water manually, formwork, compacting and curing etc. all complete as directed by Engineer In-charge.	20.00	Cum
71	Providing second class burnt brick masonry with conventional/I.S. types of bricks in cement mortar 1;6 in foundation and plinth including bailing out water manually, striking joints/raking out joints watering etc. all complete as directed by Engineer Incharge.	1.00	Cum
72	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 within 7 days limit from stacking (30% voids will be deducted in case of truck measurement) etc. all complete as directed by Engineer In-charge.	195.00	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.

  
 Superintendent Engineer (I/C)

  
 4.2.25