



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
ESTATE OFFICE
NOTICE INVITING TENDER

Telephone No. 022 2576-4995, 022-2159-6922 email id drestate@iitb.ac.in

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

Sr. No	Name of Work	Estimated Cost (In Rs.)	EMD (Rs.)	Mode of Tender	Duration of contract
1	Conversion of IWC to EWC and need based toilet repairs including necessary sewerage provisions in various buildings in the Hillside area, IIT Bombay EO/A/HILLSIDE/WKS-13/26-27	Rs 19,23,584/- Incl.18% GST	Rs.38,000/-	Item rate offline mode	12 months

Intending bidders need to register themselves on the IIT Bombay portal i.e. <https://portal.iitb.ac.in/vrp/index.jsp> to get User ID and Password. Please visit https://portal.iitb.ac.in/vrp/vrp_srm_docs.jsp for configuration process and user manual. For queries regarding vendor registration, and configuration process please contact on 022 - 2159 3001 (MDM Help-desk).

All tender documents, forms, etc are available online on <https://www.iitb.ac.in/resources/vendors-tenders> and Central Public Procurement Portal (CPPP) e-tender publishing portal of the Government of India.

Date of submission of technical and financial bids, in 2 separate envelopes is on 07.08.2026 from 09:15 a.m to 11:15 a.m. in the tender box at 1st floor, Conference room, Estate Office. **The date of opening the technical Bid will be 07.08.2026 at 11:30 a.m and the date of opening of financial bid is on 12.08.2026 (Tentative)**

Interested contractors/agencies are requested to submit Technical bid and Financial bid in the Tender Box of the Estate Office. All contractors/agencies should submit technical bid with the following documents, failing to which their tender will be summarily rejected from the tendering process:

1) i. Experience of having successfully completed works during the last 7 years ending last day of the month previous to the one in which applications are invited :

Three similar completed works costing not less than the amount equal to **40%** of estimated cost put to tender,

OR

Two similar completed works, costing not less than the amount equal to **50%** of the estimated cost put to tender

Or

One similar completed work of aggregate cost not less than the amount equal to **80%** of the estimated cost.

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) Submit a 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.

- 3) P. F. registration certificate.
- 4) P. F. challans of last 12 months.
- 5) ESIC registration certificate and copies of ESIC challans of the last 12 months (as per the labourers engaged during a particular month). Contractor name should be mentioned in the challans else the agency will be disqualified. OR Contractors' all risks insurance (CAR policy)
- 6) PAN card.
- 7) GST registration certificate.
- 8) Income Tax Return for **assessment year** i.e. of **2023-24 ,2024-25 & 2025-26**.
- 9) List of Equipment's, Machinery, Tools.
- 10) List of Technical Staff with copies of their Degree/diploma certificate.
- 11) Submit DD/FDR/BG of Rs. 38,000/- in the name of "The Registrar, IIT Bombay" in the Technical Bid Envelope.
- 12) Power of Attorney, if any.
- 13) 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.
- 14) **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. If there is no enquiry then undertaking has to be submitted in the format given.
- 15) Bank Solvency certificate 40% of estimated amount issued within one year from any Nationalized / Schedule Bank from the date of publishing of Tender.
- 16) 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.
- 17) Index Sheet

Terms & Conditions :

The documents listed below from Sr. No. 1 to 17 is mandatory for qualification in the technical bid evaluation process.

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.

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

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

The rates are prepared from CPWD DSR 2023 & Ongoing Market Rate Analysis.

IIT Bombay reserve its rights to reject any or all tenders without assigning any reason and without any reference. IIT Bombay reserves the right to request a detailed justification of the quoted rates from the lowest bidder, if deemed necessary by the Engineer-in-Charge. Should the justification provided by the bidder be considered unsatisfactory or unsubstantiated, the Engineer-in-Charge shall have full authority to reject the bid, irrespective of it being the lowest.

Chhapri
21/07/2026

Superintending Engineer (I/C)

Oil

13th

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INDEX SHEET

Sr. No.	Content	Page No. From - To
1	Experience of having successfully completed works during the last 7 years ending last day of the month previous to the one in which applications are invited : Three similar completed works costing not less than the amount equal to 40% of estimated cost put to tender, OR Two similar completed works, costing not less than the amount equal to 50% of the estimated cost put to tender Or One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost.	
2	Submit a copy of the information in respect of manpower/mandays for above said work must be given in undertaking with official signature and seal/stamp.	
3	Bank Solvency certificate 40% of estimated amount issued within one year from any Nationalized / Schedule Bank from the date of publishing of Tender.	
4	P. F. registration certificate.	
5	P. F. challans of last 12months.	
6	ESIC registration certificate and copies of ESIC challans of the last 12 months (as per the labourers engaged during a particular month).Contractor name should be mentioned in the challans else the agency will be disqualified.ORContractors' all risks insurance (CAR policy)	
7	PAN card.	
8	GST Registration certificate	
9	Income Tax Return for assessment year i.e. of 2023-24 ,2024-25 & 2025-26.	
10	List of Equipment's, Machinery, Tools.	
11	List of Technical Staff with copies of their Degree/diploma certificate.	
12	Earnest Money Deposit	
13	Power of Attorney, if any.	
14	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.	
15	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.If there is no enquiry then undertaking has to be submitted in the format given.	
16	Annexure 'A'	
17		
18		

Signature & stamp of the Contractor

DECLARATION

- (a) We are not involved in any litigation that may have an impact of affecting or compromising the works as required under this tender.
- (b) We are not black-listed by any Central/State Government/Public Sector Undertaking in India.
- (c) We hereby confirm and declare that M/s [Company Name] does not have any Litigation / Arbitration History with any Government department, Public Sector Undertaking (PSU), or Private Sector agency for works executed during the **last 5 years**.
- (d) I/we undertake that the documents submitted are genuine/authentic and nothing material has been concealed therefrom and that I/we are not debarred by any Government organization and are competent to have the contract. I/we understand that the contract is liable to be cancelled, if found to be having obtained, through fraudulent means/concealment of information.

(Signature of Authorized Signatory)

Name of the bidder: _____

Complete Address: _____

Address (Works), if _____

any: Contact Nos. _____

**TO BE SUBMITTED SEPARATELY IN OTHER ENVELOPE ALONG WITH
FINANCIAL BID**

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

File No. : EO/A/HILLSIDE/WKS-13/26-27 ✓

Name of Work : Conversion of IWC to EWC and need-based toilet repairs including necessary sewerage provision in various building in the Hillside area IIT Bombay. ✓

Name of the Contractor -----

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

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

Superintending Engineer (I/C)

Signature of Contractor
Name & Address in full

WORKS UNDERTAKING

EO/A/HILLSIDE/WKS-13/26-27 ✓

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

Sub : Conversion of IWC TO EWC and need-based toilet repairs including necessary sewerage provision in various building in the Hillside area. IIT Bombay.

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 12 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-400 076.

EO/A/HILLSIDE/WKS-13/26-27

ESTATE OFFICE

Name of the work : Conversion of IWC to EWC and need-based toilet repairs including necessary sewerage provisions in various buildings in the Hillside area, IIT Bombay

SCHEDULE OF WORK

Sr. No.	Description of Work	Qty.	Rate (In ₹)	Unit	Amount (In ₹)
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum including removing the excavated materials upto a distance of 50 meters beyond the building area, and lift upto 1.50 metres, stacking and spreading as directed including preparing the bed for the foundation and necessary backfilling, ramming, watering complete excluding shoring and strutting.	0.50	₹..... ()	Cum	
2	Laying dry trap/ rubble stone soling of 230mm size thickness including hand packing and compacting using IITB stone including breaking and making/cutting stone/boulders in required size, lead and lift from any where in the campus etc. complete.	0.50	₹..... ()	Cum	
3	Providing and laying in situ plain cement concrete M-20 having proportion not less than 1:1.5:3 with minimum cement content of 360kg/cum as per IS 456-2000 for foundation and bedding The rates shall includes bailing out water manually centering shuttering compacting by vibrator and curing etc., complete.	0.50	₹..... ()	Cum	
4	Dismantling plain cement concrete work including breaking concrete by mechanical means/ chiseling, wedging etc., and stacking the debris upto a distance of 50 meters or spreading/leveling in low laying area as directed by Engineer Incharge.	0.50	₹..... ()	Cum	
5	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge 75 mm Avg Thickness	1.00	₹..... ()	Sqm	
6	50mm Avg Thickness	5.00	₹..... ()	Sqm	
7	25mm Avg Thickness	5.00	₹..... ()	Sqm	

8	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(Rust kill A) as per manufacturers specification, cleaning as directed complete. Actual consumption of Alkaline base converter shall be measured for payment on weight basis. Invoice of authorized dealer will be verified. The chemical to be procured in sealed container & seal to be opened in presence of the IITB representatives.	2.00	₹..... ()	Kg	
9	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect. SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	4.00	₹..... ()	Kg	
10	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. 12mm avg Thickness	10	₹..... ()	Sqm	
11	25mm Avg Thickness	5.00	₹..... ()	Sqm	
12	50mm Avg Thickness	5.00	₹..... ()	Sqm	
13	Removing the existing cement plaster of any thickness without causing dust nuisance and stacking the debris upto a distance of 50 meters or spreading/leveling in low laying area as directed by Engineer Incharge and cleaning the site including , covering window/opening with plywood while removal of plaster etc complete	15.00	₹..... ()	Sqm	
14	Removing the old cement concrete or any type of tiles from flooring/dado including back coat plaster levelling the surface, cleaning the site including sorting out servisable tiles and stacking the same and debris disposing off upto a distance of 50 meters or spreading/leveling in low laying area as directed by Engineer Incharge	5.00	₹..... ()	Sqm	
15	Providing internal cement plaster of 12mm thick in a single coat in cement mortar 1:4 without neeru finish to ceiling of concrete or brick surfaces in all positions and curing complete.	5.00	₹..... ()	Sqm	
16	Providing internal cement plaster of 20mm thick in a double coat in cement mortar 1:4 without neeru finish to wall of concrete or brick surfaces in all positions and curing complete.	5.00	₹..... ()	Sqm	

17	Providing waterproof plaster in wc/ bath/water tanks 20mm thick for dado in cement mortar 1:3 with neat finishing, floating using waterproofing compound at the rate of 1 kg per bag of cement of approved make and manufacturer and curing etc. Complete.	100.00	₹..... (.....)	Sqm	
18	Removing the existing loose and damaged brickbat coba waterproofing treatment/finishes as IPS/ tiling/ side plaster from the terrace/WC/ bath up to any thickness with out making any damages to the slab with the use of sharp chisels, levelling and cleaning the surface including lowering down debris and stacking the debris upto a distance of 50 meters or spreading in low lying area and levelling as directed. etc. all complete.	19.00	₹..... (.....)	Cum	
19	Providing waterproofing in W.C and bath including brick bat coba in all position including providing and laying 12mm bedding in cement mortar 1:3 on virgin concrete slab with waterproofing compound @ 1Kg/per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1Kg/bag of cement grouting and finishing the top layer with 20mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1Kg/per bag of cement and testing the treated portion for 48 hours by pond test and covering ten year's guarantee on requisite stamp paper including all leads, lifts and curing etc, complete.	19.00	₹..... (.....)	Cum	
20	Pulling down burnt brick masonry (in cement mortar) with plaster including sorting out serviceable bricks and stacking the same and debris separately upto a distance of 50 metres or spreading the debris in low laying area and leveling etc. Complete.	0.50	₹..... (.....)	Cum	
21	Providing second class burnt brick masonry with conventional / I.S. Type bricks in cement mortar 1:4 in superstructure including striking joints, racking out joints, watering etc. complete.	0.50	₹..... (.....)	Cum	
22	Providing second class burnt brick masonry with conventional / I.S. Type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter/2 hoop iron strips 25mm x 1.6mm at every third course properly bent and bonded at ends ,racking out joints and watering etc. complete.	10.00	₹..... (.....)	Sqm	
23	Providing and erecting steel tublar props of required height upto 14' feet, L head or flat head braced at center at center and supporting a continuous 2" x 3" wooden runner, resting on wedge and block minimum capacity 3 ton to support the structure provisionally during repair and jacketing etc. And maintaining them in position till completion of all related items Complete. The props are erected in perfect vertical in plumb taking/ transferring the load equally/ uniformly. The location of every prop should be one over another floor and it should not be eccentric. The tightening of every prop should be uniform to all props to strain the building uniformly. The work should be carried out with all the safety measures like helmet, safety belt and adequate labour insurance under the supervision of qualified supervisor	5.00	₹..... (.....)	per No.	

24	Providing and laying super fluid micro concrete of IITB approved manufacturer for exposed RCC member like slab, column, beam, staircase pardi, lintel mixed proportion as per manufacturers specification at any floor providing and fixing plywood form work in line and level, cleaning, curing etc. complete. the compressive strength of super fluid micro concrete should be 25N/sqmm .including working platform	1000	₹..... (.....)	Kg	
25	Providing and laying non skid ceramic tiles of size 300mm x 300mm and thickness as per manufacturers specification of approved make for flooring in toilet/bath/balcony/common passage/lobby where surface area is less than 2 sq.mtr in required position laid on bed of cement mortar 1:4 including neat cement float, filling joints with neat cement slurry, curing and cleaning complete.	35.00	₹..... (.....)	Sqm	
26	Providing and laying 1 st quality glazed ceramic tiles of size 300mm x 200mm and thickness as per manufacturers specification of approved make for dado/wall in required position fixed with neat cement paste, curing and cleaning complete. Colour shade as approved by Engineer In Charge. Note :(Back coat plaster will be paid separately)	180.00	₹..... (.....)	Sqm	
27	Providing and fixing Ist quality vitrified mat finish wall tiles of approved brand of size 300mm x 600mm to 600mm x 600mm conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over cement plaster and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. The tiles must be cut with the zero chipping diamond cutter only and matching the corner tiles by bevelled edge cutting . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily etc all complete as directed by Engineer Incharge. Note : 1)The joints should be perfectly aligned with floor joints, accordingly tiles has to cut. 2) Plastering will be paid under respective Item.	10.00	₹..... (.....)	Sqm	
28	Providing and laying cement concrete flooring 40mm thick with M-15 cement concrete laid to proper line level and slope including compaction, filling joints, finishing with brooming to receive floor tiles, etc., as directed, and curing complete.	5.00	₹..... (.....)	Sqm	
29	Providing and laying black colour machine cut mirror polished granite stone slab required size and 16mm to 18mm thick of approved quality and colour for kitchen platform/cupboard shelves in required pattern laid on a bed of cement mortar 1:6 including neat cement float, filling joints with neat coloured cement slurry, curing, hand polishing and cleaning complete. Area of slab upto 0.50m ²	5.00	₹..... (.....)	Sqm	
30	Providing and laying black colour granite slabs 16 to 18mm thick of approved quality colour door / windows sill / cladding, on a bed of 1:4 cement mortar including rounding / moulding of nozzles / adjust, filling joints with white cement to match colour of slab, curing polishing etc complete. Area of slab over 0.50m ²	15.00	₹..... (.....)	Sqm	

31	Removing door and windows of any size and type 'with frame' mild steel / wrought iron grill work and stacking the same in estate store (civil)/as directed by engineer in charge	5.00	₹..... (.....))	per No.	
32	Removing door and windows shutters of any size and type 'without frame' and stacking the same in estate store (civil)/as directed by engineer in charge	5.00	₹..... (.....))	per No.	
33	Providing and fixing C.P. teak sizes as per existing frames wood frame for doors/ventilators/windows,etc including all mouldings rebating holdfasts and finishing including 1 coat of cold tar to be applied on backside of frame in fixing MS hold fast as per site requirement with screws and 2 coats of SEP of existing colour/shade of the bldg over a one coat of wood primer etc. complete. Mode of measurement will be finished size of teakwood. Contractor will be allowed to take away old frame and for which 5% deduction will be made of schedule rate of this item. Note: Sample testing to be carried out from each lot as per IS requirement before commencement of work at contractor's risk and cost.	0.25	₹..... (.....))	Cum	
34	Providing and fixing 35mm FRP door manufactured by M/s. Advance,Company including brass hinges4" 3nos, both side 4" brass handles,8" brass aldrop for outside, brass latch from inside, etc. Complete as directed By Engineer In charge, including removing the damaged door and the contractor will be allowed to take away door, for which 5% deduction will be made of schedule rate of this item .	15.00	₹..... (.....))	Sqm	
35	Providing and fixing C-Class G.I. pipes 15mm internal diameter heavy type weight and outer dia ,as per IS requirement and embossed at every meter as ISI mark and name of the manufacturer Like, Tata/ Jindal/ Zenith etc. to walls, ceilings,etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. projecting 50mm from face of wall and fixing on wall by means of galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer including necessary drilling in holes in walls / slabs Including etc, and remaking good the demolished portion to restore the same in original condition neatly and applying metal primer and two coats of SEP painting including removing the existing pipe, if available and contractor will be allowed to take away old pipe and for which 5% deduction will be made of schedule rate of this item	30.00	₹..... (.....))	Rmt	
36	Providing and fixing C- Class G.I. pipes 20mm internal diameter heavy type weight and outer dia,as per IS requirement and embossed at every meter as ISI mark and name of the manufacturer Like, Tata/ Jindal/ Zenith etc. to walls, ceilings,etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. projecting 50mm from face of wall and fixing on wall by means of galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer including necessary drilling in holes in walls / slabs Including etc, and remaking good the demolished portion to restore the same in original condition neatly and applying metal primer and two coats of SEP including removing the existing pipe, if available and contractor will be allowed to take away old pipe and for which 5% deduction will be made of schedule rate of this item	6.00	₹..... (.....))	Rmt	

37	Providing and fixing C-Class G.I. pipes 25mm internal diameter heavy type weight and outer dia,as per IS requirement and embossed at every meter as ISI mark and name of the manufacturer Like, Tata/ Jindal/ Zenith etc. to walls, ceilings,etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. projecting 50mm from face of wall and fixing on wall by means of galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer including necessary drilling in holes in walls / slabs Including etc, and remaking good the demolished portion to restore the same in original condition neatly and applying metal primer and two coats of SEP including removing the existing pipe,if available and contractor will be allowed to take away old pipe and for which 5% deduction will be made of schedule rate of this item .	6.00	₹..... ()	Rmt	
38	Providing and fixing C-Class G.I. pipes 40mm internal diameter heavy type weight and outer dia,as per IS requirement and embossed at every meter as ISI mark and name of the manufacturer Like, Tata/ Jindal/ Zenith etc. to walls, ceilings,etc. with screwed sockets, backnuts, elbows, tees, reducers, enlargers, plugs, clamps etc. projecting 50mm from face of wall and fixing on wall by means of galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer including necessary drilling in holes in walls / slabs Including etc, and remaking good the demolished portion to restore the same in original condition neatly and applying metal primer and two coats of SEP including removing the existing pipe,if available and contractor will be allowed to take away old pipe and for which 5% deduction will be made of schedule rate of this item .	10.00	₹..... ()	Rmt	
39	Providing and fixing ISI-1729-2002 grade 75mm dia. ISI make NECO/ ALCO cast iron waste water pipe with lugs necessary fittings such as bends, tees, single junctions, double junctions, slotted vent, offsets on walls or into the ground including filling joints with cement mortar 1:2 proportion fixing on wall by means by galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer projecting 50mm from face of wall and painting the exposed faces with one coat zinc primer and two coats of anti corrosive paint Including removing the existing AC/CI/PVC pipe if available contractor will be allowed to take away old pipes and for which 5% deduction will be made of schedule rate of this item etc.	10.00	₹..... ()	Rmt	
40	Providing and fixing ISI-1729-2002 grade 100mm dia. ISI make NECO/ ALCO cast iron waste water pipe with lugs necessary fittings such as bends, tees, single junctions, double junctions, slotted vent, offsets on walls or into the ground including filling joints with cement mortar 1:2 proportion fixing on wall by means by galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer projecting 50mm from face of wall and painting the exposed faces with one coat zinc primer and two coats of anti corrosive paint Including removing the existing AC/CI/PVC pipe if available contractor will be allowed to take away old pipes and for which 5% deduction will be made of schedule rate of this item etc.	10.00	₹..... ()	Rmt	
41	Providing and fixing A- type P.V.C. waste water pipes 75mm dia. having wall thickness of 3.2 to 3.8mm conforming to I.S. including P.V.C. plug bend, necessary fittings such as offsets, shoes including fixing pipe on wall by means of galvanised bracket of 30 x 5mm plate and 8mm square rod with G.I. clamp with washer projecting 50mm from face of wall using approved filling the joints using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, 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.including removing the existing pipe,if available and contractor will be allowed to take away old AC/CI/PVC pipe for which 5% deduction will be made of schedule rate of this item .	50.00	₹..... ()	Rmt	
42	Providing and fixing 100mm(ID) dia.ISI approved HDPE pipes with wall thickness of 15 mm to 20mm for taking sewage waste water with all required fittings such as bend, tee, elbows etc. with proper line and gradient connecting all joints with fusion butt weilding by using suitable welding machine or hot plate, testing the line & joint as per manufacturer specification etc. all complete as directed by Engineer In-charge.	12.00	₹..... ()	Rmt	

43	Providing and fixing 150mm(ID) dia.ISI approved HDPE pipes with wall thickness of 15 mm to 20mm for taking sewage waste water with all required fittings such as bend, tee, elbows etc. with proper line and gradient connecting all joints with fusion butt weilding by using suitable welding machine or hot plate, testing the line & joint as per manufacturer specification etc. all complete as directed by Engineer In-charge.	24.00	₹..... (.....))	Rmt	
44	Providing and fixing 15cm x 10cm salt glazed stone ware gully trap in cement concrete 1:4:8 outside the building including connecting to salt glazed stoneware pipe, brick masonry camber with cast iron lid for the gully trap etc. Complete as directed.	6.00	₹..... (.....))	Per No.	
45	Removing and refixing European W.C. pans including disconnecting the sanitary and water supply connections, and removing pan carefully and keeping in a side to carefully refix after completion of work etc. complete.	2.00	₹..... (.....))	Per No	
46	Providing and fixing 10cm cast iron nahani trap with fixed SS nahani trap jali, with ss rim cast iron plug bend and piece of cast iron pipe upto plug bend including removing old the hahani trap, 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.	5.00	₹..... (.....))	per No.	
47	Providing and fixing 10cm PVC Nahani trap fixed with PVC grating ,PVC plug bend and piece of PVC pipe upto plug bend including breaking brickwork/concrete and redoing the same, etc complete	5.00	₹..... (.....))	per No.	
48	Providing and fixing white glazed earthenware wash hand basin make Parryware /hindware /CERA/Jhonsan-Peddar/Hindustan/Nycer of 55cm x 40cm size including one pillar tap, C.I. brackets, stop tap and 1/2" PVC connection for inlet including outlet polyethylene waste water pipe upto required length making good the damaged surface, testing etc. Complete. contractor will be allowed to take away old wash basin if available for which 5% deduction will be made of schedule rate of this item.	5.00	₹..... (.....))	Per No.	
49	Providing and fixing white glazed earthenware wash hand basin make Parryware /hindware /CERA/Jhonsan-Peddar/Hindustan/Nycer of 45cm x 30cm size including one pillar tap, C.I. brackets, stop tap and 1/2" PVC connection for inlet including outlet polyethylene waste water pipe upto required length making good the damaged surface, testing etc. Complete. contractor will be allowed to take away old wash basin if available for which 5% deduction will be made of schedule rate of this item.	5.00	₹..... (.....))	Per No.	
50	Providing and fixing 15mm diameter ,400 gm Bib cock Seiko make, anti-static with guarantee against any manufacturing defect including socket, union nuts etc, complete contractor will be allowed to take away old bib tap if available and for which 5% deduction will be made of schedule rate of this item. Etc. complete.	6.00	₹..... (.....))	per No.	

51	Providing and fixing 15mm diameter 400 gm Stop cock/angle cock Seiko make, anti-static with guarantee against any manufacturing defect including socket, union nuts etc, complete contractor will be allowed to take away old bib tap if available and for which 5% deduction will be made of schedule rate of this item. Etc. complete.	6.00	₹..... (.....))	per No.	
52	Providing and fixing 15mm diameter, 400 gm chromium plated 4" pillar tap cock of Seiko make approved IIT brand with deluxe knob for wash hand basin contractor will be allowed to take away old pillar tap if available and for which 5% deduction will be made of schedule rate of this item. Etc. complete.	6.00	₹..... (.....))	Per No.	
53	Providing and fixing 2 in 1 tap of approved make including necessary fitting fixtures etc, for which 5% deduction will be made of schedule rate of this item. Complete as directed by Engineer in charge	20.00	₹..... (.....))	per No.	
54	Providing and fixing 20 mm dia (n.b) gun metal UTAM make heavy gate valve bearing IS marks including necessary fixtures and fittings such as sockets, union etc. as required and fixing in proper position all complete.	3.00	₹..... (.....))	per No.	
55	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, providing and fixing C. I. steps weighing not less than 3.50 Kg. fixing top one at 450 mm from top level and remaining steps at 300mm vertical spacing in staggered fashion, including providing and fixing precast R.C.C. frame and cover of suitable size, medium duty, manufactured by Prathibha Industries or 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 1000mm.	3.00	₹..... (.....))	Per No.	
56	Removing any kind debris including loading in truck and conveying to dumping point approved by BMC, unloading spreading etc, complete with all leads and lifts. 30% voids will be deducted in case of truck measurements. (The debris/boulders /excavated stuff/surplus material to be taken away after the permission from the Executive Engineer(SWM) is required to be obtained before commencement of work.	35.00	₹..... (.....))	Cum	
57	Removal and refixing of old door/window shutters without damaging the hinges/frame and fixing it in position with proper alignment and operation etc complete.	4.00	₹..... (.....))	Per Job	

58	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineerin-charge . Note:The elevational area of the scaffolding shall be measured for payment purpose . Note The payment will be made once for sequential works at a particular location irrespective of duration of scaffolding.	300.00	₹..... (.....)	Sqm	
59	Providing and fixing in position steel TMT bar reinforcement of various diameters for slabs, beams, columns,chajjas, lintels, pardies, etc. as per by Engineer Incharge including cutting, bending, hooking the bars, cost of welding rod for welding to existing reinforcement and supporting as required complete.	10.00	₹..... (.....)	Kg	
60	Providing and applying Birla wall care white cement based putty as per manufacturer's specifications in approved shade and colour to existing rough surfaces/ plaster surface/brick wall and ceiling as directed by Engineer in charge etc, complete	70.00	₹..... (.....)	Sqm	
61	Providing and applying one coat of cement primer of approved manufacturer (Asian paints Decoprime wall primer or any other approved equivalent product of ICI or Goodlass Nerolac as directed by Engineer and as per manufacture specification with the use of step ladder etc, complete as directed.	215.00	₹..... (.....)	Sqm	
62	Providing and applying one coat acrylic oil-bound distemper of approved quality colour and shade of IITB approved manufacturer to old/new surfaces including step ladder etc, complete.	50.00	₹..... (.....)	Sqm	
63	Providing and applying two coats of acrylic oil-bound distemper of IITB approved manufacturer & quality colour and shade as per product specification on old/new surfaces including removing the old peeled off neeru finish /pop/ existing luster paint / water proofing cement paint/wall paper by scapprng, sand papering and preparing the surface smooth, necessary repairs to scratches including step ladder etc complete	215.00	₹..... (.....)	Sqm	
64	Providing and applying one priming coat to over steel and other metal surfaces etc including preparing the surface by thoroughly cleaning oil, grease, dirt, and other foreign matter with wire brushing, fine fire steel wool, and sand paper as per manufacture specification etc. Complete.	20.00	₹..... (.....)	Sqm	

65	Providing and applying one priming coat to wood and wood based surface etc including preparing the surface by thoroughly cleaning oil, grease, dirt, and other foreign matter with wire brushing, fine fire steel wool, and sand paper as per manufacture specification step ladder etc. Complete. (Note:- Contractors have to procure the paint materials in sealed containers. Containers will be opened in presence of IIT representative. Spilling over paint on other areas externally as well as internally such as wall, floor furniture's etc are not allowed. If it occurs, it has to be cleaned by contractors completely at his own cost.)	20.00	₹..... (.....))	Sqm	
66	Providing and applying two coats of synthetic enamel paint of approved colour to new/old structural steel work and wood work in buildings and workshops including as per manufacture specification step ladder if necessary, cleaning and preparing surfaces by solvent, degreasing and derusting by manual scrapping/mechanically by sand blasting/shot blasting flame cleaning/by chemical methods etc,complete. (excluding primer coat)	40.00	₹..... (.....))	Sqm	
67	Providing and applying two coats of exterior Acrylic exterior paint including exterior primer of approved colour and shade to the plastered surface as per manufacturers specification including preparing the surface Including stepladder etc, complete	100.00	₹..... (.....))	Sqm	
68	Providing and Placing in position Readymix Plaster manufactured by M/s. A. V. Conchem, Ultra-Tech Cement, Ready Plast, up to 20mm thick in one coat and adding water in the proportion of 1:0.17(Ready Mix Plaster : water) at any floor over the prepared Brick wall, Solid ,Hollow & AAC block work and Concrete RCC surfaces, as directed mixing the Readymix Plaster with water using forced action mixer , mild curing will be done with water for 3-5 days etc complete. (Invoice of authorized dealer will be verified)	195.00	₹..... (.....))	Sqm	
69	Labour charges for removal and refixing of existing wash basin with new anchor bolts including all necessary fittings and fixtures etc complete	5.00	₹..... (.....))	Per No	
70	Replacing by providing and fixing 5mm thick plain / bajari sheet glass of doors and windows etc. Including putty. Make ModiGuard / Saint Gobain / Pilkington/ Asahi Float etc. complete.	5.00	₹..... (.....))	Per Sqm	
71	Providing and fixing European type white glazed earthenware 580mm water closet pan of IITB approved brand with seat and lid with hinges and rubber buffers 10 litres white H.D.P.E. flushing cistern (Dual Flush) of IITB approved brand with fittings,pipes and stop tap, with fittings and clamps,exposed pipes and cutting and making good walls and floors etc. complete	25.00	₹..... (.....))	per No.	

72	Providing and fixing Wall mounted closet STUDIO 20061 (41x36x52)cm along with white seat cover, anchor fastener, washer including removing the old pan and fixing the new with proper position etc all complete	2.00	₹..... (.....)	Per No	
73	Labour charges for modification of the existing window MS grills (WC only) by means of cutting, fabricating, welding etc and refixing it in position/line/level/plumb including taking care of necessary safety precautions at site including scrapping old paint of grill and applying one coat of metal primer & two coats of Synthetic Enamel Paint of colour shade approved by Engineer In charge etc complete. (grill area up to 0.6 sqm) (Note : Painting will be paid under respective item)	5.00	₹..... (.....)	No	
74	Providing and fixing stainless steel pipe of 1 to 1.5 mtr length for jet spray including removing the old pipe and taking the same away, complete as directed by Engineer in charge. contractor will be allowed to take away old pipe if available and for which 5% deduction will be made of schedule rate of this item. Etc. complete.	3.00	₹..... (.....)	Per No	
75	Providing and fixing brass jet spray nozzle including removing the old one and taking the same away, complete as directed by Engineer in charge. contractor will be allowed to take away old nozzle if available and for which 5% deduction will be made of schedule rate of this item. Etc. complete.	3.00	₹..... (.....)	Per No	
76	Providing and fixing Jaquar Grab Bar (Stainless Steel) 300mm Long AHS-CHR-1501 with necessary fittings and Fixtures etc complete as directed by Engineer in charge.	12.00	₹..... (.....)	Per No	
77	Providing and fixing Jaquar Hand Shower (Health Faucet ALD-CHR-587) (ABS Body) with 8mm Dia, 1 Meter Long Spirochrome flex tube & Wall Hook etc, complete as directed by Engineer in charge. contractor will be allowed to take away old jet spray if available and for which 5% deduction will be made of schedule rate of this item. Etc. complete.	25.00	₹..... (.....)	per No.	

78	Providing and fixing anodized / powder coated 75+20 micron aluminium fixed glass ventilators having provision for exhaust in WC area using 50mm x 25mm box pipe of 2 mm thick aluminium (Jindal make of weight not less than 0.767kg/m) section for outer frame, 5mm thick modiguard glass. Providing and fixing F-clip for glasses with rubber gasket, filling all joints with proper fillers etc. Including removing the old aluminum window etc.all complete Powder coating of aluminium section will have to be tested in the laboratory of IITB / VJTI / SPCE and the testing charges are to be paid by the contractor.	5.00	₹..... (.....)	Sqm	
Total Amount ₹					
CGST 9%					
SGST 9%					
Net Amount ₹					
Say ₹					

	Special Conditions :
1	The Estate Office retains the right to take possession of any old materials located within quarters under its ownership.
2	Existing passenger lifts should not be use for shifting construction materials or debris. If found Rs 5000 penalty per incident will be recovered.

(Rupees.....)

.....)
(Rates for all items & net amount of total to be filled with figure and words. If it is not done,it will be assumed as incomplete tender & tender opening committee will reject your offer at the time of opening of tenders/quotations).

Note:

1) 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.

2) This schedule of work is legal documents of Estate Office, IIT Bombay and directed to enlisted contractors to get the copy of schedule of work to fill the rates and can submit his offer. No changes in schedule of work is allowed i.e. item description , units , quantity, rates, etc. If noticed his offer will be rejected and the contractor will be blacklisted or any other strict action will be initiated against him.

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 documents a penalty of Rs.5,000/- (per case) will be recovered from the bills of the particular work, in case any safety violations are noticed.

4) Tender will be rejected if white ink applied for correction in the schedule of work.

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.

8) In the case of Item rate tenders, only rates quoted shall be considered. Any tender containing percentage below / above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figure and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), words(s), and amount blank, it will be presumed that the contractor has included the cost of this / these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

Superintending Engineer (I/C)