



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	Regular maintainance, Repairs and Painting in Type-I Building Nos. 6, 7, 8, 9, 13, 14, 16, 17, 18, 21; H2 – 18, 19, 20, 21, 22, 28; Vihar House; and Type-IIB Building No. 21 at Hillside Area. EO/A/HILLSIDE/WKS-295/25-26	Rs 31,20,071/- Incl.18% GST	Rs.62,000/-	Percentage rate offline mode	04 months including monsoon

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 29.04.2026 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 29.04.2026 at 11:30 a.m and the date of opening of financial bid is on 06.05.2026 (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 o assessment year f (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.

Handwritten signature and date: 17/12

- 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 12months.
- 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.ORContractors' 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. 62,000/- 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 removed from the enlistment without giving him further notice.

The rates is prepared from CPWD DSR 2023 and Rate Analysis.

Contractors are strictly prohibited from engaging in any correspondence related to tender documents with anyone other than the Tender Section. Any violation will result in disqualification from all future tenders.

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.

R. Chhapra
17/04/2026

Superintending Engineer (I/C)

16/4 *J. J. J.*

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. _____

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	Annexure 'A'	
3	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.	
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	ESIC registration certificate and copies of ESIC challans of last 12months. OR Contractors' all risks insurance (CAR policy) / Medclaim policy.	
8	PAN card.	
9	GST Registration certificate	
10	Income Tax Return for assessment year i.e. of 2023-24 ,2024-25 & 2025-26.	
11	List of Equipment's, Machinery, Tools.	
12	List of Technical Staff with copies of their Degree/diploma certificate.	
13	Earnest Money Deposit	
14	Power of Attorney, if any.	
15	Proof of Constitution: An affidavit in case of Sole Proprietorship, Partnership Deed in case of Partnership Firm, Article of Association in case of Private / Public Limited Companies.	
16	Litigation history of the agency is required to be submitted along with the application. A tender would not be awarded if any inquiry proceeding / criminal case is found pending against the agency.	
17		
18		
19		

Signature & stamp of the Contractor

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

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

File No. : EO/A/HILLSIDE/WKS-295/25-26

Name of Work : Regular maintenance, Repairs and Painting in Type-1 Building Nos. 6, 7, 8, 9, 13, 14, 16, 17, 18, 21; H2-18, 19, 20, 21, 22, 28; Vihar House; and Type-IIB Building No. 21 at Hillside Area.

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.

M. Chhapra
17/04/2026

Superintending Engineer (I/C)

[Handwritten signature]

Signature of Contractor
Name & Address in full

WORKS UNDERTAKING

EO/A/HILLSIDE/WKS-295/25-26

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

Sub : Regular maintenance, Repair and Painting in Type-1 Building Nos. 6, 7, 8, 9, 13, 14, 16,17, 18, 21; H2-18, 19, 20, 21, 22, 28; Vihar House ; and Type II-B Building No.21 at Hillside Area.

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 4 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-295/25-26

ESTATE OFFICE

Name of Work:- Regular maintenance, Repair and Painting in Type-I Building Nos. 6, 7, 8, 9, 13, 14, 16, 17, 18, 21; H2-18, 19, 20, 21, 22, 28; Vihar House; and Type-IIB Building No. 21 at Hillside area.

Schedule of work

Sr. No.	Description of Work	Qty.	Rate (In Rs.)	Unit	Amount (In Rs.)
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.	1.00	374.22	Cum	374.22
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.	1.00	1542.00	Cum	1542.00
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20mm nominal size derived from natural sources) etc complete as directed by engineer in charge.	1.00	7896.10	Cum	7896.10
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	1.00	1423.42	Cum	1423.42
5	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge	1.00	3361.89	Cum	3361.89
6	Providing and casting in situ dense and impervious cement concrete M-25 of trap metal for R.C.C. overhead water tank slab, lintel, beam and chajja as per detailed designs and drawing or as directed by Engineer Incharge including erecting plywood shuttering with strutting,propping etc. and removal of formwork, necessary compaction,curing etc Only steel centering and formwork is to be used.	1.00	9739.00	Cum	9739.00
7	Exposing the existing damaged RCC members like columns, beams, slabs, chajjas, paradi, fins etc in patches or any length by using electrical cutting tools up to any depth till the corroded reinforcement will be opened allround without damaging brickwork, plaster in the vicinity, cleaning, stacking the debris with in 50 meters or spreading/leveling in low laying area as directed by Engineer Incharge, cleaning the site etc. complete, including covering the furniture with plastic sheet while exposing concrete. Note :- Proper tools to be used for removal of concrete. The exposed area shall be measured for the payment of this item.	100.00	189.00	Sqm	18900.00
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.	10.00	864.00	Kg	8640.00

9	<p>Providing and applying an effective bond coat of Polymer (SBR) Stuco latex of structural waterproofing (Cicco)/ Resicon 400, and cement in the proportion of 1:1 by using brush in multiples of coat as required to accommodate the whole thickness of PMM wherever required on the surface of old concrete / repaired concrete Polymer (SBR) of approved manufacturer should have the following properties:Scaffolding will be paid under respective item. Suspended solid particles 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 bond coat 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</p>	50.00	351.00	Kg	17550.00
10	<p>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 of the concrete court in layers as directed including mixing the polymer mortar with water using forced action mixer mild curing with water for 3 days etc. Complete. (Payment will be paid for the actual quantity of polymer mortar PX used on weight basis. Invoice of authorised Dealer will be verified etc all complete as directed by Estate office).</p>	5000	63.00	Kg	315000.00
11	<p>Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead as directed by Engineer Incharge</p>	130.00	51.74	Sqm	6726.20
12	<p>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</p>	199.00	69.49	Sqm	13828.51
13	<p>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.</p>	50.00	328.54	Sqm	16427.20
14	<p>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.</p>	25.00	446.22	Sqm	11155.50
15	<p>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.</p>	60.00	584.15	Sqm	35049.00
16	<p>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.</p>	10.00	1758.00	Cum	17580.00
17	<p>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.</p>	10.00	6169.00	Cum	61690.00
18	<p>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.</p>	1.00	1950.35	Cum	1950.35
19	<p>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.</p>	1.00	8846.09	Cum	8846.09

20	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.	1.00	856.79	Sqm	856.79
21	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	77.00	per No.	385.00
22	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	2200.00	64.00	Kg	140800.00
23	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.	24.00	1245.17	Sqm	29884.08
24	Providing and fixing Ist quality ceramic glazed wall tiles 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 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	110.00	1200.34	Sqm	132037.40
25	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600x600 mm	10.00	1470.62	Sqm	14706.20
26	Providing and laying plain ceramic tiles of size 600mmx600mm and thickness as per manufacturers specification of approved make for flooring 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. Texture and colour shade as existing or approved by Engineer Incharge.	10.00	961.00	Sqm	9610.00
27	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	581.45	Sqm	2907.25
28	Machine mirror polishing to cement / marble mosaic tiled flooring or any other type of flooring including cleaning, washing, etc. Complete.	70.00	479.68	Sqm	33577.60
29	Hand polishing to dado, skirting including cleaning, washing etc. Complete.	10.00	180.00	Sqm	1800.00
30	Dismantling existing kitchen platform made of kadappa/concrete slab top and kadappa/concrete support carefully and lowering down the debris at ground level and stacking up to 50 meters beyond the building area or spreading/leveling in low laying area as directed by Engineer Incharge. as directed.etc. complete.	5.00	2822.00	per No.	14110.00

31	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	25.00	5124.84	Sqm	128121.00
32	Providing and fixing Kadappa stone slab for kitchen platform/cupboard shelves of approved type and design 25mm to 30 mm thick in cement mortar 1:4 including filling joints, curing, cleaning etc. complete.	35.00	865.00	Sqm	30275.00
33	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	7.00	4862.42	Sqm	34036.95
34	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below as directed by engineer in charge	12.00	347.62	per No.	4171.44
35	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below directed by engineer in charge	12.00	135.85	per No.	1630.20
36	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.	1.50	135327.33	Cum	202991.00
37	Providing and fixing teakwood fully glazed single / double leaf windows / ventilators rectangular in shape adopting section of 70mm x 32mm for styles and rails as per existing pattern including providing and fixing 5mm thick plain / bajiri glass with teakwood beading, fixing the window / ventilator shutters with 75mm size brass butt hinges 2 Nos. for each shutter, aluminium towerbolt 100mm size one for each shutter, aluminium handle 125mm one for each shutter or as per site requirement, of classic/Archies make hooks & eyes 200mm one for each shutter, etc. including 2 coats of SEP of existing colour/shade of the bldg over a one coat of wood primer etc. complete. 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.	10.00	4676.77	Sqm	46767.70
38	Providing and fixing solid core flush door in single leaf 35mm thick as approved by Engineer Incharge all necessary beads, moulding and lipping, and finishing lipping/beading brass oxidised fixtures and fastenings chromium plated handles, on both sides and finishing with 2 coats of existing colour/shade SEP over a coat of wood primer ISI make Duraboard/Kitply/Merino Ply etc. complete (without frame). contractor will be allowed to take away old shutter and for which 5% deduction will be made of schedule rate of this item.	12.00	5793.00	Sqm	69516.00
39	Providing and fixing 35mm FRP door manufactured by M/s. Advance, Company including brass hinges 4" 3nos, both side 4" brass handles, 8" brass aldorp for outside, brass tower bolt from inside, etc. complete	18.00	5231.00	Sqm	94158.00
40	Providing and fixing 600 x 450mm x 6mm thick mirrors of approved Indian quality copper plated with 10mm (3/8") thick plywood backing, in the masonry etc. Make Modi Guard/Saint-Gobain etc. complete. contractor will be allowed to take away old mirror if available and for which 5% deduction will be made of schedule rate of this item.	6.00	1522.21	Per No	9133.26

41	Providing and fixing 6mm thk Glass shelf 125mm (5") wide and 610mm (24") long with necessary chromium plated brackets providing teak wood gutties etc. Make Modi Guard/Saint-Gobain etc. complete. contractor will be allowed to take away old glass shelf if available and for which 5% deduction will be made of schedule rate of this item.	5.00	1025.73	Per No	5128.65
42	Providing and fixing in position night latch of approved make, quality and pattern with automatic locking arrangement, duplicate keys etc. make ISI Godrej/ Europa removing the old lock and depositing to estate office maint. Unit etc. complete	3.00	1120.20	Per No	3360.60
43	Providing and fixing mortise lock of Godrej make 6 lever with keys in duplicate of IITB approved brand including removing the old lock and depositing to estate office maint. Unit etc. complete	2.00	809.08	Per No	1618.16
44	Providing and fixing Nylon wire for drying cloths with 1" dia Stainless steel pipe, Stainless steel Tee, Single wheel, double wheel, required Hook, and Nylon wire of 6mm dia meter required length and 6 rows of wires of adequate spacing including necessary fittings and fixtures etc. complete as directed by engineer In charge. contractor will be allowed to take away old drying cloth unit if available and for which 5% deduction will be made of schedule rate of this item Note:- Mode of measurement will be running meter of width 0.8 Mt. Including all above accessories.	15.00	873.00	Rmt	13095.00
45	Providing and fixing for drying cloth unit 6mm dia nylon rope etc. complete contractor will be allowed to take away old rope if available and for which 5% deduction will be made of schedule rate of this item	32.00	9.00	Rmt	288.00
46	Providing and fixing G.I. Welded mesh 12mm x 12mm and (18 gauge) to teakwood frame work including fixing weld mesh with 37mm x 12mm teakwood bedding patti and necessary pocketing for opening for shutters with necessary screws , fitting as directed	10.00	758.00	Sqm	7580.00
47	Providing and fixing new fitting with new screw, removing old broken fitting contractor will be allowed to take away old fitting and fixtures if available and for which 5% deduction will be made of schedule rate of this item wherever existing 4" Archies tower bolt	12.00	61.25	Per No.	735.00
48	6" Archies tower bolt	12.00	78.15	Per No.	937.80
49	5" Archies handle	12.00	75.00	Per No.	900.00
50	6" Archies handle	12.00	86.00	Per No.	1032.00
51	Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors, (weighting not less than 450 gms) and Copper oxidised as per IS 1378	36.00	95.24	Per No.	3428.64
52	8" Tadipatti Aluminum Archies	12.00	189.00	Per No.	2268.00
53	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	100.00	115.16	Per No.	11516.00
54	9" Archies hookness	12.00	80.00	Per No.	960.00
55	Providing and fixing 20mm thick cement bonded wood particle board (bison panel) ISI make to cover toilet duct/weather Shed at any floor on M.S. Angle frame and will be paid under respective item, providing suitable hole for fixing nuts and bolts and vent pipe of any diameter including making suitable groove on plaster and vatta, proper slope complete as directed. Note :- Holes to be made on the wall has to be done by using drill machine and groove by groove cutting machine precoated Bolts/ hook to be grouted in the wall by using of approved polymer mortar after cleaning and applying polymer bond coat in cement mortar 1:1 ratio	5.00	1318.00	Sqm	6590.00
56	Providing and fabricating structural steel works in rolled sections angles, flat patti tees for balcony, window, bison board framing as per existing design & pattern including fixing in position with connecting plates, braces and welding, as necessary including a coat of metal primer & two coat of Synthetic Enamel Paint etc. complete.	100.00	111.09	Kg	11109.00

57	Removing, making addition/ alternation and refixing existing two track Aluminum sliding window size 1.40 x 1.20m for provision of exhaust fan providing and fixing using required aluminium section aluminum pipe 3"x1" ,1"x2" T/B shutter channel,1"x3/4" 'F' channel & 1"x1 1/2"L' channel ,5mm clear glass, 3/4" bearing 4nos ,rubber gasket,wool foil, star lock including etc. complete.	1.00	3765.00	Per Job	3765.00
58	Providing and Making & fixing wall mounted cupboard unit of 0.35m depth including teakwood frame (50 x 40mm) finished size using approved quality marine plywood 18mm thick with 1mm laminate from out side and 0.8mm thick laminite from inside including 125mm brass CP decorative handles, 3" S.S. Hinges, magnet ball catch,screws for each shutter etc complete	2.00	13435.00	Sqm	26870.00
59	Removing kitchen platform and above/below service platform shutter of any size and type with frame including existing SS trolley ,and stacking the same and depositing to hillside maintenance unit as directed by Engineer in charge including lead and lift from any floor etc, complete.	1.00	3009.00	Per Job	3009.00
60	Providing and fixing shutter below platform and for cupboard made of aluminium anodized 15 micron or powder coated L type section for frame 38 x 25x1.2mm or near available handle section 40x18x1.2mm for shutter Top & bottom and sides, P/F 4mm thick hardner sheet of bakelite P/F stainless steel hinges 75mm x 20mm , S.S. Tower bolt and magnet . handle (S.S.) fixing shutter on aluminium frame with screws properly in line and level, etc. Complete.	5.00	5749.00	Sqm	28745.00
61	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	20.00	346.86	Rmt	6937.20
62	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	3.00	413.98	Rmt	1241.94
63	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 .	3.00	522.28	Rmt	1566.84

64	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	768.61	Rmt	7686.10
65	Providing and fixing C-Class G.I. pipes 50mm 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. Including fixing GI line on pedestal above parapet wall , 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 .	5.00	992.45	Rmt	4962.25
66	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.	5.00	1048.64	Rmt	5243.20
67	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.	5.00	1168.86	Rmt	5844.30
68	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 .	5.00	350.12	Rmt	1750.60
69	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.	5.00	690.00	Rmt	3450.00
70	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.	5.00	1078.00	Rmt	5390.00

71	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.	3.00	2588.41	Per No.	7765.23
72	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.	1.00	548.00	Per No	548.00
73	Providing and fixing Orrisa type White glazed earthenware 580mm x 450 mm water closet pan Parryware/ Hindwre/ cera make including trap, including cement concrete bedding, 10 litres capacity H.D.P.E flushing cistern Parryware/ Hindware/ cera/ slimline make with fittings, inlet pipe with stop tap(Seiko), brackets, with fittings and clamps, and making good the walls and floors etc. complete. (excluding waterproofing with brick bat coba)	6.00	6406.55	per No.	38439.30
74	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.	12.00	912.00	per No.	10944.00
75	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	2.00	483.00	per No.	966.00
76	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.	15.00	2179.02	Per No.	32685.30
77	Providing and fixing white glazed earthenware wash hand basin make Parryware /hindware /CERA/Jhonsan-Peddar/Hindustan/Nycer of 450cm x 300cm 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.	20.00	1432.89	Per No.	28657.80
78	Providing and fixing new Nirali make stainless steel sink of size 60 x 45 x 20 cm including Nirali make waste coupling all connections of G.I. supply and flexible 40mm dia waste pipe upto trap chromium plated 15mm dia bib tap(Seiko make) etc. complete. contractor will be allowed to take away old sink and for which 5% deduction will be made of schedule rate of this item	6.00	3685.18	Per No	22111.08
79	Providing and fixing PVC low/high level flushing cistern of 10 litre capacity with all fittings as approved by IITB inlet G.I. pipe with stop tap, providing and fixing 32mm or required heavy duty PVC outlet bend pipe from flushing cistern upto the w.c. pan, 15mm dia PVC connection to the tank etc. Make Hindware/ CERA/ Slimline/ Hindustan/ Nycer etc . all complete. as directed.	20.00	1127.16	Per No.	22543.20
80	Providing and fixing 10 cm dia chromium plated brass shower rose to 15 mm dia. Supply pipe including necessary G.I. Bend and socket complete. contractor will be allowed to take away old shower if available and for which 5% deduction will be made of schedule rate of this item	20.00	183.61	Per No.	3672.20
81	Providing and fixing 100 to 125mm dia stainless steel nahani trap jali with ring etc. complete.	12.00	70.00	per No.	840.00
82	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.	19.00	479.78	per No.	9115.82

83	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.	20.00	634.70	per No.	12694.00
84	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.	20.00	197.34	Per No.	3946.80
85	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	15.00	793.00	per No.	11895.00
86	Providing and fixing stainless steel jet spray of approved make including necessary pipe of required length socket/union 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.	5.00	747.00	per No.	3735.00
87	Providing and fixing new fitting approved by IITB with new screw, removing old broken fitting wherever existing. white Solid plastic seat with lid for EWC for pan	10.00	648.33	per No.	6483.30
88	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	100.00	113.18	per No.	11318.00
89	Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length 15 mm nominal bore	12.00	80.47	per No.	965.64
90	6" C.P. full thread Waste coupling	6.00	587.00	per No.	3522.00
91	4" C.P. Half thread Waste coupling	6.00	482.00	per No.	2892.00
92	Providing and fixing 25 mm dia (n.b) gun metal Ball valve(Float valve) Heavy Duty of Techno make, and fixing in proper position with spurn yarn, adhesive etc. including necessary fixtures and fittings such as sockets, union etc. as required and fixing in proper position all complete. all complete.	6.00	439.31	per No.	2635.86
93	Providing and fixing 20 mm dia (n.b) gun metal heavy Ball valve(Float valve) Heavy Duty of Techno make, and fixing in proper position with spurn yarn, adhesive including necessary fixtures and fittings such as sockets, union etc. as required and fixing in proper position all complete. etc. all complete.	6.00	437.84	per No.	2627.04
94	Providing and fixing 15mm gun metal Gate Valve of techno or uttam make bearing I.S.I. Mark including socket, union nut etc. including removing the old damaged gate valve & depositing Complete. (5% cost will be deducted for taking away the removed material outside IIT campus if available)	2.00	1022.00	per No.	2044.00
95	Providing and fixing screw down 20mm gun metal Gate Valve of techno or uttam make bearing I.S.I. Mark including socket, union nut etc. including removing the old damaged gate valve & depositing Complete. (5% cost will be deducted for taking away the removed material outside IIT campus)	2.00	1254.00	per No.	2508.00
96	Providing and fixing screw down 25mm gun metal Gate Valve of techno or uttam make bearing I.S.I. Mark including socket, union nut etc. including removing the old damaged gate valve & depositing Complete. (5% cost will be deducted for taking away the removed material outside IIT campus if available)	2.00	1742.00	per No.	3484.00
97	Providing and fixing screw down 40mm gun metal Gate Valve of techno or uttam make bearing I.S.I. Mark including socket, union nut etc. including removing the old damaged gate valve & depositing Complete. (5% cost will be deducted for taking away the removed material outside IIT campus if available)	2.00	3659.00	per No.	7318.00

98	Providing and laying temporary loop connection to main water supply inlet and outlet of water tank with 'C' class pipe upto 6 meter of length or as required of any dia elbows, tees, reducers, plugs, clamps etc. including other connections and commissioning the water supply line and remaking to original connections after repair etc. complete.	1.00	5366.00	Per Job	5366.00
99	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.	2.00	19684.00	Per No.	39368.00
100	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/surples material to be taken away after the permission from the Executive Engineer(SWM) is required to be obtained before commencement of work.	40.00	671.00	Cum	26840.00
101	Transporting surplus excavated materials such as soil and debris to any where within IIT campus as directed by Engineer incharge including loading, transporting, unloading, spreading and levelling etc. complete . 30% voids will be deducted in case of truck measurement.	1.00	192.00	Cum	192.00
102	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.	3.00	195.00	Per Job	585.00
103	Providing and fixing 20mm dia aluminum powder coated heavy duty Draffery curtain rods as per approved by estate office with acrylic side holders and brass chromium plated middle brackets and other required fittings as directed by Engineer Incharge.	20.00	325.18	Rmt	6503.60
104	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 chalties, 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.	50.00	320.21	Sqm	16010.50
105	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.	15.00	102.10	Kg	1531.50
106	Removal of aluminium sliding windows of various sizes at any floor at any height including lead and lift, stacking and depositing carefully removed windows at hillside maintenance unit etc. Complete.	5.00	113.00	Sqm	565.00
107	Removal and refixing of existing mosquito mesh shutter from the aluminium sliding window and fixing it in position with new SS 304 mosquito mesh ,proper alignment and operation including replacing the existing pvc bearing with new bearings etc complete.	5.00	809.00	Sqm	4045.00

108	Removal and refixing of existing telescopic channels from the kitchen trolleys and fixing it in position with new 22" telescopic channels or as directed by Engineer incharge ,including proper functioning, alignment of the trolley etc complete.	1.00	731.00	Per pair	731.00
109	Removal and refixing of existing telescopic channels from the kitchen trolleys and fixing it in position with new 20" telescopic channels or as directed by Engineer incharge ,including proper functioning, alignment of the trolley etc complete.	1.00	696.00	Per pair	696.00
110	Removal and refixing of existing telescopic channels from the kitchen trolleys and fixing it in position with new 16" telescopic channels or as directed by Engineer incharge ,including proper functioning, alignment of the trolley etc complete.	1.00	626.00	Per pair	626.00
111	Make Modification of existing door shutter by removing the door shutter and cutting the door shutter from bottom side up to 1/2" to 11/2" thick and refixing the same shutter after rectification work with new brass hinges, screws etc. complete.	1.00	7343.00	Per Flat	7343.00
112	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	100.00	147.73	Sqm	14773.00
113	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.	3000.00	70.01	Sqm	210030.00
114	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.	25.00	20.00	Sqm	500.00
115	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 scapping, sand papering and preparing the surface smooth, necessary repairs to scratches including step ladder etc complete	3000.00	83.17	Sqm	249510.00
116	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.	80.00	63.81	Sqm	5104.80
117	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.)	180.00	70.67	Sqm	12720.60
118	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 scapping/mechanically by sand blasting/shot blasting flame cleaning/by chemical methods etc,complete. (excluding primer coat)	260.00	97.32	Sqm	25303.20
119	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	25.00	152.04	Sqm	3801.00

120	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note: Butt hinges and necessary screws shall be paid separately) Second class teak wood 35 mm thick shutters	5.00	3892.69	Sqm	19463.45
Total Amount Rs.					26,44,127.85
Say Rs.					26,44,128.00
At Par					
(In words _____%).....% Above					
(In words _____%).....% Below					
Amount Rs.					
CGST 9%					
SGST 9%					
Net Amount Rs.					
Say Rs.					

(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).

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.
3	Safety precautions should be strictly followed while repair construction work If any violation found Rs 5000 penalty per incident will be recovered.
4	No partial payments will be made for any defective work. The corresponding payment shall be withheld until the defects are rectified
5	Although the work is categorized as internal, site conditions may necessitate certain tasks to be carried out externally as per site requirement. The contractor is required to use H-frame scaffolding wherever applicable. Bamboo scaffolding is strictly prohibited, except in situations where the use of H-frame scaffolding is not feasible, and only after obtaining written approval from this office.
6	Compensation for Delay in individual task / Work in case of unjustified delays
	The time required for addressing each complaint or completing any job will be determined by the Engineer-in-Charge or their representative when assigning the task or handing over the complaint. Once the contractor receives the intimation through email or job card (whichever comes first) related to the work, they must start the work immediately and ensure it is completed within the specified time frame mentioned. Multiple quarters/complaints may be issued simultaneously, subject to availability. The contractor must manage resources effectively to ensure the work progresses smoothly and without interruption. The contractor must not cause any delays at any stage of the work. If there is any delay or lack of progress during the execution, the contractor will be charged a penalty As per points mentioned below , in addition to the clause 2 (Compensation for delay) of IITB tender document (Clause 2 shall apply in the event of a delay in the overall project duration) .
6A	Day-to-Day Maintenance Works in Residential Quarters
	For any delay in completing day-to-day maintenance work in residential quarters beyond the specified time, a penalty of Rs. 100 per day per complaint/job will be imposed.
6B	For Vacant Quarters
i	A penalty of Rs. 500 per day per quarter will be imposed for any delay in handing over Type I, MW, H2, H1 quarters, and similar types.

ii	A penalty of Rs. 750 per day per quarter will be imposed for any delay in handing over Type IIB, C Type, CSRE C and D Type quarters, and similar types.
iii	A penalty of Rs. 1000 per day per quarter will be imposed for any delay in handing over B Type quarters, Bungalows, and similar types.

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 recored for inspection to the Principal Employer. If you will engage labour up to 10 Nos. per day, you have to file returns after completion of work as per Building & Construction Act to the Office of Regional Labour Commissioner (Central), Sion, Mumbai.

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.

R. Shrivastava
17/04/2006

Superintending Engineer (I/C)

[Handwritten signature]

Signature of the Contractor

Name & Address in full