



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
ESTATE OFFICE
NOTICE INVITING TENDER

Telephone No. 022 2576-4060, 022-2159-6922 email id drestate@iitb.ac.in

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

Sr. No.	Name of Work	Estimated Cost (In Rs.)	EMD (Rs.)	RFX	Duration of contract
1	Term contract for internal renovation work of Type-II B quarters at the Lakeside area. (Phase-II) EO/A/LAKESIDE/WKS-89/26-27	Rs 98,54,997/- Incl.18% GST	Rs.1,97,000/ -	6100003093	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 and time of uploading of tender documents are from 15.07.2026 to 05.08.2026 till 11:15 a.m. Date of opening of Technical Bid will be 05.08.2026 at 11.30 a.m. and Financial Bid 12.08.2026 (Tentative).

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) Upload 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. 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. 1,97,000/- in the name of "The Registrar, IIT Bombay" **before the opening of Technical Bid.** Contractors are also requested to upload a scanned copy of it to the online Tendering portal.

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 upload 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 uploaded 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 upload 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.

Terms & Conditions :

The documents listed below from Sr. No. 1 to 16 is mandatory for qualification in the technical bid evaluation process.

Select 'N5' tax code for 18% GST and upload all the above mentioned documents in "C folder" of online SRM tendering portal.

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 , Market Rate & 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.

No queries will be entertained within 24 hours prior to the opening of the tender. We kindly request all contractors to upload their quotations well in advance of the submission deadline to ensure a smooth and timely process.

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. Chhaparkar
15/07/2016
Superintending Engineer (I/C)
Dir *J* *Que* *K*
15/07/2016
C
15/7/2016

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 UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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

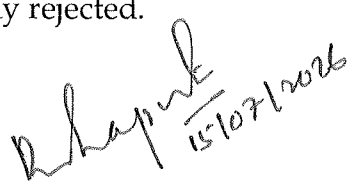
File No. : EO/A/LAKESIDE/WKS-89/26-27

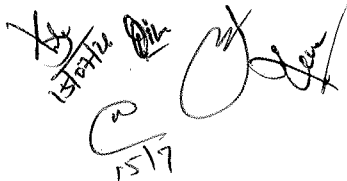
Name of Work : Term contract for Renovation work of Type-II B quarters at the Lakeside area.
(Phase-II)

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/LAKESIDE/WKS-89/26-27

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

Sub : Term Contract for Internal Renovation work of Type-II B quarters at the Lakeside 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 12 Months (Including monsoon) 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/LAKESIDE/WKS-89/26-27

ESTATE OFFICE

Name of work:- Term Contract for Internal Renovation work of Type-II B quarters at the Lakeside area. (Phase-II)

SCHEDULE OF WORK			
Item No.	Description of work	Qty.	Unit
1	Removing door and windows of any size and any height type with frame, mild steel / guard bars / grill work and stacking the same and taking it to outside of IIT Campus. (Scaffolding will be paid in separate item if provided) (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap will be done @ Rs. 120 per kg and structural steel / guard bars will be done @ Rs. 20 per kg from the Item of work against the actual weight for material taken outside of campus as directed)	210.00	Each
2	Providing second class burnt brick masonry with conventional / I.S. Type bricks in cement mortar 1:6 in superstructure of G+2 floors height including striking joints, racking out joints, watering wherever required etc. complete. (Note : For external work scaffolding will be paid in respective item)	14.00	cum
3	Providing internal cement plaster 20mm thick in Single coat in cement mortar 1:4 without neeru finish to concrete or brick surface in all positions of G+2 floor height including stepladder/platform and curing complete as directed.	266.00	Sqm
4	Providing sand face plaster externally to concrete stone or brick surface at G+2 floor height using approved screened river sand including preparing the base, watering and applying base coat of 15 to 20mm thick in cement mortar 1:4 using water proofing compound at the rate of 1 kilogram per cement bag and curing the same for not less than two days and making the surface of base coat rough to receive the sand faced treatment 8 to 10mm thick in cement mortar 1:4 and finishing the surface by taking out grains and curing for 14 days etc. Complete.(Note : For external work scaffolding will be paid in respective item)	30.00	Sqm
5	Providing and fixing 18 mm thick gang saw cut, mirror polished granite , premoulded and prepolished, machine cut for kitchen platforms, vanity counters, doors and windows cladding , sills, shelf, facias and similar locations at G+2 floor of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 fine sand) or in neat cement as required, joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding, polishing to edges to give high gloss finish and fixing verticle cladding of doors with 2 ½ inch screws etc. complete at all levels. a) area of slab upto 0.5 m2	182.00	sqm
6	Providing & fixing in position extruded modular aluminium section three track sliding window mounted on rectangular frame of size 100mm x 40mm x 1.30mm thick (wt 0.933 kg/Rmt) made up of three track drain bottom section of size 92mm x 45mm x 105mm thick (1.659 kg/Rmt) three track top and side of size 92mm x31mm x 1.3mm thick (0.933 kg/Rmt) The shutter comprising of bottom and top member of size 40mm x 18mm x 1.10mm thick (0.469 kg/Rmt)handle sides of size 40mm x18mm x 1.25mm thick (0.417 kg/Rmt)with 2 shutter of 5.0mm thick glass (plain or frosted) fixed in shutter with approved quality neoprene gasket, PVC rollers, locks, handles, PVC lining and one shutter with S.S. 304 Jali flyproof mesh in the shutter using u channel approved quality minimum two nos PVC rollers for each shutter, necessary locks, handles, PVC lining and other required fittings, shutter width should not be more than 0.6m etc. complete as directed wherever necessary etc. Complete. (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required. Shutter length to height ratio should be 0.50 to 0.65)	45.00	sqm

7	Providing and fixing in position two track aluminium sliding windows using drain bottom section or equivalent of size 61 mm x 45 mm x 1.3 mm (1.055kg/rmt) thick for bottom, sections of size 61 mm x 31mm x 1.3 mm (0.659kg/rmt) thick for sides and top. The shutter should be of bearing bottom of size 40 mm x 18 mm x 1.25mm (0.417kg/rmt) thick, top member of size 40 mm x 18 mm x 1.20 mm (0.475kg/rmt) thick, Interlocking section size of 43 mm x 27 mm x 1.30 mm (0.558kg/rmt) thick and handle section of size 43mm x 18 mm x 1.30 mm (0.424kg/rmt) thick including providing and fixing 5mm thk. glass (plain or frosted) (Make Modi Guard/Saint-Gobain) in the shutter using rubber gasket, approved quality minimum two nos. PVC rollers for each shutter, necessary locks, handles, PVC lining and other required fittings, etc. complete as directed by Engineer in charge. (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required. Shutter length to height ratio should be 0.50 to 0.65)	14.00	sqm
8	Supplying fabricating & fixing in position fully galzed aluminium single/double leaf double glass window using 15 micron anodized RZ section 46mm x 33mm x 2mm (0.38 kg/Rft) for window shutter, 46mm x 33mm x 2mm aluminium RZ single border outer frame, 21mm x 15mm x 2mm (0.38 kg/Rft) aluminum RZ clip, 60mm x 34mm x 2mm (0.4 kg/rft) aluminum RZ centre, aluminum angle, 5mm thick plain double glass with jambo rubber gasket, adjustable hinges 2 nos on each shutter, z handle 2nos, window stay 2 nos, P/F aluminium outer hollow box section of size 50mm x 25mm x 1.5mm (0.18 kg/rft) and fixing the shutter on aluminium outer frame etc. complete as directed (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required.)	50.00	Sqm
9	Supplying fabricating and fixing in position fully glazed aluminium single/double leaf openable window using aluminium section 42 x 30 x 1.5mm (0.526/rmt) size aluminium single border outer frame of window shutter, 42 x 37 x 1.5mm size (0.724kg/rmt), aluminium Z section for window shutter, 28 x 14.5 x 1.5mm (0.286kg/rmt) size, aluminium clip for window shutter 45 x 45 x 1.5mm (0.762kg/rmt) (size, Z aluminium center patti for mullion & intermediate section, 37mm x 37mm (0.820kg/rmt) aluminium angles 2mm thick, 5mm thick plain or frosted glasses with rubber gasket, 3 Nos. S.S. Hinges 75mm size (heavy) on each window shutter, aluminium tower bolt 100mm size 1 Nos on each leaf, aluminium stay 200mm to 250mm long 1 No per leaf, aluminium handle 1 Nos per leaf, etc., Complete. (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required.)	36.00	Sqm
10	Providing and fixing in position aluminium 15 micron anodized openable window with stainless steel flyproof mesh of 304 grade having aluminium powder coated "L" pipe section 38mm x 25mm (0.45kg/rmt) for frame and shutter frame of 38mm x 18mm (0.45kg/m) aluminium section and fixing the stainless steel mesh with U channel with screws including necessary fitting and fixtures such as two numbers stainless hinges, stainless steel handle one number and 2 no's of 4" tower bolt etc. complete as directed. (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required.)	99.00	sqm
11	Providing and fixing openable shutter made up of aluminium anodized 15 micron handle section 38mm x 18mm (0.45kg/rmt) or near available sections on top, bottom and sides, P/F 4mm thick ACP sheet of desire shade and pattern, P/F stainless steel butt hinges 75x47x1.8 mm IS: 12817 marked (2 nos.) for each shutter, 2 nos. of Anodised Aluminium tower bolt on each shutter, 1no handle (S.S) for each shutter, magnet etc. including fixing the shutter over the L pipe section of 38mmx25mmx1.5mm (45kg/rmt) with screws in line and level, rectification of all damages etc. complete as directed. (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required.)	60.00	Sqm
12	Providing Second class teak wood in wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).	0.50	cum

13	Providing and fixing solid core flush door in single or double leaf 35mm thick of commercial type of exterior grade, approved commercial plywood facing both side without glazing and venetians, all necessary beads, moulding and lipping, 6" to 8" long 2 nos. decorative type S.S handles for each shutters, 6" long stainless steel tower bolt 2 no's for each shutter, 8" long 1 no tadi patti of SS etc. complete (without frame). (fittings will be approved by Engineer in charge before fixing)	135.00	sqm
14	Providing & replacing in position Godrej night latch without damaging door & frame with automatic locking arrangement, triplicate keys etc. complete as directed.	15.00	Nos
15	P/F Stainless steel SS grade 304, curtain rod 25 mm dia 1.20 mm thick upto 1.5 meter with Stainless steel SS grade 304, end socket holders (curtain rod) 25 mm dia 1.20 mm thick including required fittings and screws, all complete.	120.00	rmt
16	P/F Stainless steel SS grade 304, curtain rod 25 mm dia 1.20 mm thick more than 1.5 meter with Stainless steel SS grade 304, middle bracket and end socket holders (curtain rod) 25 mm dia 1.20 mm thick including required fittings and screws, all complete.	60.00	rmt
17	Providing and fixing brass Eye glass of approved quality, peep hole type, make, size and shape etc to door shutter complete including removing existing damaged. Contractor will be allowed to take away old peep glass eye glass if available	15.00	Nos
18	Providing and fixing Main door side stainless steel safety chain lock heavy type, as per existing model including necessary fittings and fixtures, removing the old damaged set without damaging to door and cleaning the site etc. all complete as directed by Engineer In-charge. (Note: The old dismantled materials should be deposited in Estate store and take certificate of it)	15.00	Nos
19	Providing and fixing 300mm long stainless steel heavy duty aldrop with require fittings and fixtures etc. Complete.	15.00	Nos
20	Providing and erecting steel tubular H Frame scaffolding with bracing to all height all around the building as directed by engineer in charge before commencement of work for multipurpose use including working platform wherever required, stiffened for all types of work and removing the same after completion of all external work requiring double scaffolding. (payments will be made once irrespective of duration / till completion of all external activity) as directed.	3000.00	sqm
21	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	3375.00	sqm
22	Providing and applying white cement based Birla make wall care putty with uniform thickness upto 1.5mm over the existing internal cement plaster in proper line / level including preparing the wall surface for the application of wall care putty etc. including step ladder / scaffolding all complete as directed.	500.00	Sqm
23	Providing and applying one coat of seal cement primer over the prepared surface of walls / ceiling, including stepladder / scaffolding and cleaning the surface as directed.	3375.00	Sqm
24	Distempering with 1st quality acrylic distemper (ready mixed) of one or more coats having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour as directed.	3375.00	Sqm
25	Applying priming coats with primer of approved brand and manufacture, having low VOC Volatile Organic Compound) content, With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	270.00	Sqm

26	Providing and applying two coats of synthetic enamel paint of IITB approved brand (Asian, Berger, ICI, Jenson & Nicholson, Goodlass Nerolac) & desired shade to old new wood work, steel grill work with the use of step ladder/ scaffolding if necessary, cleaning and preparing surface by solvent, degreasing and derusting by manual scrapping, filling holes with lambi / palti levelling the surface cleaning etc. Complete.	470.00	Sqm
27	Providing and applying one coat of acrylic primer and two coats of pure Acrylic exterior paint of IITB approved manufacturer as per manufacturer's specification on old/new plastered surface/ stone work surface at any height & any floor, including cleaning the surface thoroughly with coir brush, watering the surface etc., levelling the undulation if any with external wall care putty, covering with plastic sheets all complete as directed Engineer incharge. (Note : For external work scaffolding will be paid in respective item)	30.00	Sqm
28	Providing and fixing M.S. grills of required pattern in frames of windows etc. fixed to openings / wooden frames with rawl plugs screws etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. (Note : For external work scaffolding will be paid in respective item)	672.70	Kg
29	Carefully removing internal or external plaster in patches or any length and at any height without damaging structure or brickwork in the vicinity including scaffolding/ stepladder by using electric cutting tools including cutting a groove first to demarcate exact area of damage taken place and removing with chisel & hammer including stacking the debris with in 50 meter, cleaning the site etc. complete. including using stepladder / working platform for internal plaster wherever required covering the furniture, floor, windows and partitions with plastic sheets Note : a) No extra payment shall be made for extra thickness removed. b) The area in vertical plane area shall be measured. (Note : For external work scaffolding will be paid in respective item)	100.00	sqm
30	Removing the any type of tiles manually from wall/ dado without damaging brick wall or any adjacent structure surface including removing plaster, levelling the vertical surface, cleaning the site including downloading the debris & stacking the debris upto 50 meters from building (as directed by Engineer Incharge)	15.00	Sqm
31	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.	15.00	Sqm
32	Chipping of unsound/weak external or internal concrete of any thickness material from slabs, beams, columns etc. with manual Chisel 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, including working platform / stepladder / Scaffolding all complete as per direction of Engineer-In-Charge (Note : For external work scaffolding will be paid in respective item)	15.00	Sqm
33	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, including working platform / stepladder / Scaffolding all complete as per direction of Engineer-In-Charge. Note- The actual consumption of chemical shall be measured for payment on liter basis. Challans of authorized dealer will be verified (Note : For external work scaffolding will be paid in respective item)	20.00	per lit

34	Providing and Placing in position Readymix Polymer mortar manufactured by M/s.Krishna Conchem, Dr.Fixit, Roff or M.C. Bouchmey, Chembond by adding water in the proportion of 1:0.14(Polymer mortar:water) at any floor over the prepared RCC surfaces in layers as directed (thickness of each layer shall not exceed 10 to 15mm) including mixing the polymer mortar with water using forced action mixer including stepladder/ working platform wherever required mild curing will be done with water for 3 days etc complete.(payment will be paid for the actual quantity of polymer mortar PX used on weight basis. Challans and Tax Invoices of authorised dealers will be verified. (Note : For external work scaffolding wil be paid in respective item)	7500.00	kg
35	Providing and applying an effective bond coat of Polymer (SBR) approved by IITB and cement in the proportion of 1:1 by using brush in multiples coats as required to accommodate the whole thickness of polymer modified mortar wherever required including stepladder/ working platform wherever required on the surface of old concrete / repaired concrete Polymer (SBR) of approved manufacturer should have the following properties: · 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 polymer shall be measured for payment on weight basis. Challans and Tax Invoices of authorised dealers will be verified. (Note : For external work scaffolding wil be paid in respective item)	60.00	kg
36	Providing and applying an effective bond coat of Epoxy bonding agent manufactured by M/s. Krishna conchem, Dr. Fixit , Roff , Chembond or M.C. Bouchmey and hardner in the proportion of as per manufacture instruction (Base hardner) by using brush in multiples of coat as required to accommodate the whole thickness of PMM wherever required including stepladder/ working platform wherever required on the surface of old concrete/required concrete. Note- The actual consumption of Epoxy bonding coat shall be measured for payment on weight basis .Challans and Tax Invoices of authorised dealers will be verified. (Note : For external work scaffolding wil be paid in respective item)	60.00	kg
37	Providing and fixing in position fixed glazing using 63mm x 38mm x 1.65mm (0.942 kg/rmt) 15 micron / powder coated anodized aluminium partition section for frame with screws and providing 5mm thick clear plain glass (Make Modi Guard/Saint-Gobain) fixed to the above frame using glazing clip with rubber gaskets, filling all gaps with appropriate fillers etc. all complete. (Note: All aluminium sections and fittings are 15 micron anodised of Jindal make; a 15 micron anodised test certificate is required.)	75.00	Sqm
38	Providing and fixing cement bonded wood particle board (bison panel) of 20mm thick to chajja at any floor, providing suitable hole for fixing nuts and bolts including making suitable groove in walls providing plaster and vatta with proper slope complete as directed. (scaffolding will be paid in separate item if required)	50.00	Sqm
39	Providing and fabricating structural steel works in rolled sections like joints, channels, angles, tees etc. as per details designs & approved pattern including fixing in position with connecting plates, braces and welding, riveting, bolting as necessary including zinc primer coat & two coats of synthetic enamel paint etc. (scaffolding will be paid in separate item if required)	500.00	Kg
40	Dismantling R.C.C. work manually/ mechanically including breaking concrete by chiselling, wedging etc., cutting the reinforcement, lowering down debris, stacking the serviceable materials and stacking the debris upto a distance of 50 metres or spreading as directed.	3.00	cum
41	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	50.00	Each

42	Providing and laying in position ready-mixed or machine batched and machine mixed design mix M-25 (1:1:2) grade cement concrete (with minimum cement content 330Kg/Cum) for all work above plinth level upto any floor level for reinforced cement concrete work, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge including compacting, roughening the surface if special finish is to be provided, casting cubes and testing etc. completed as directed.	3.00	cum
43	Providing and fixing in position tor steel bar having grade Fe-500 or more for reinforcement of various diameters for R.C.C. footings, foundations, slabs, beams, columns, canopies, staircases, chajjas, lintels, pardies, coping, fins, dowel bars with sleeve, tie bar, any other required work etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required completed as directed.	250.00	kg
44	Providing and laying water proofing cement concrete flooring to terrace to average 50mm thick with 1:1.5:3 cement concrete laid to proper level and slope using silt free clear river sand including compaction, filling joints, adding recommended waterproofing admixtures @ 2% by weight of cement, marking lines to give appearances of tiles of 30cm x 30cm or other approved size laid diagonally / square, finishing with extra cement in any colour as directed, testing the roof by ponding with water for 14 days, including all lead and lift wherever required etc. complete.	25.00	sqm
45	Providing and laying super fluid micro concrete of approved manufacturer at any floor after reinforcement treatment coat including providing marine plywood formwork in line and level, sealing the joints/ gaps with POP & cleaning ,curing etc. complete. The compressive strength of super fluid micro concrete should not be less than 20N/mm ² . (reinforcement treatment coat shall be paid under respective items). (Consumption of weight of super fluid micro concrete powder shall be measured for payment ; Tax Invoice of authorized dealer will be verified) including stepladder etc. Complete. (Note : For external work scaffolding will be paid in respective item)	1000.00	kg
46	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.	750.00	Sqm
47	Providing and fixing 600 x 450mm x 6mm thk 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.	15.00	each
48	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.	15.00	each
49	Disposing debris, loose stones, boulders, concrete pieces broken and dry leaves etc. collected and stacked as directed including loading in trucks, transporting out of IIT Campus including obtaining all approval of BMC competants authorities for disposing off on to their approved location. The debris are to be removed from site within 48 hours from stacking (30% voids will be deducted from actual stack measurement/ truck measurement for debris, loose stones, boulders etc.).	20.00	cum
50	Removing excavated earth or debris including loading in trucks and conveying to approved dumping point in IITB campus unloading spreading etc. complete. The debris are to be removed from site within 24 hours from stacking (30% voids will be deducted from actual stack measurement/ truck measurement for debris, loose stones, boulders etc.).	5.00	cum

51	Removing the old cement concrete or any type of tiles from flooring manually at any floor including bedding levelling the surface, cleaning the site including sorting out serviceable tiles and lowering to ground level the debris and stacking it upto a distance of 50 meters from building (as directed by Engineer Incharge)	750.00	Sqm
52	Shifting all the material inside the flats to nearby location (vacant flat) in IITB campus & relocating the same to the original flats as per original arrangement, removing all fitting like Auqa gard, geyser and carpentry work and refixing the same in alternate as well as reallocated accomendation after realloiment etc., Complete as directed	10.00	Per job

1) Note : This schedule of work is given for reference purpose only. Contractors are requested to quote your rates online in financial bid.

2) If you will engage labourer 20 or more any day, you have to get labour licence as per contract Regulation & Abolition Act 1970 Rule 1971, and also, you have to keep all such record for inspection to the Principal Employer. If you will engage labour up to 10 Nos. per day, you have to file returns after completion of work as per Building & Construction Act to the Office of Regional Labour Commissioner (Central), Sion, Mumbai.

3) This work is to be executed as per the the clauses mentioned in the tender document signed by you. In addition to the existing safety clause of the tender document a penalty of Rs.5,000/- per case will be recovered from the bills of the particular works, in case any such safety violations are noticed.

4) 01% amount will be deducted from the bills for safety related measures which will be reimburse along with the final bill.

5) Taxes as per government notification time to time.

6) Contractor must pay GST Taxes to concern authority within 30 days time limit after receipt of payment from IIT Bombay & said record must be submitted to IIT Bombay Accounts Section, otherwise action will be taken as deemed fit.

7) If any malpractices / fraud / negligent professional behaviour or any discrepancy / inconsistency / disparity / deviation / disagreement / dissimilarity / mismatch noticed, their contract will be terminated by issuing one month notice by following legal procedure and will be blacklisted and informed to all Government Authorities and Organisations.

[Handwritten Signature]
15/07/2016
Superintending Engineer (I/C)
[Handwritten Signature]
15/07/16
[Handwritten Signature]
15/7/26