



INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY  
ESTATE OFFICE, POWAI, MUMBAI, MAHARASHTRA – 400 076  
TEL. 022 2576 4995 E-mail : drestate@iitb.ac.in

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

Sr. No.	Name of Work	Estimated Cost (In Rs.) Incl. 18% GST	EMD (Rs.)	Time Limit	RFX No.
1.	Renovation and repairing of propulsion lab (ground floor) at Aerospace Main Department. EO/A/ACAD/WKS-75/24-25	Rs.17,75,978/-	Rs.35,000/-	03 months	6100001861

Intending bidders needs to be register themselves on IIT Bombay portal i.e. <https://portal.iitb.ac.in/vrp/index.jsp> to get User ID and Password. **View the open tender on <https://ep.iitb.ac.in/irj/portal> Please visit [https://portal.iitb.ac.in/vrp/vrp\\_srm\\_docs.jsp](https://portal.iitb.ac.in/vrp/vrp_srm_docs.jsp) for configuration process and user manual.** Queries regarding to vendor registration please contact on 022 – 2159 3001(ASC Help-desk) and queries regarding to online Bid submission please contact to +91 82915 56277/6377 or mail us at [srm@iitb.ac.in](mailto:srm@iitb.ac.in)

Date and time of submission of tender documents digitally are from 05.09.2024 to 18.09.2024 till 11:15 a.m.Date of opening of **Technical Bid will be 18.09.2024 at 11.30 a.m. and and Financial Bid 25.09.2024 (Tentative)**

Interested contractors/agencies are requested to upload Technical bid and Financial bid on the SRM tendering portal of IIT Bombay.

**(A) All contractors/agencies** should upload technical bid with the following documents on SRM tendering portal, failing to which their tender will be summarily rejected from the tendering process:

- 1) i. Experience of having successfully completed works during the last 7 years ending last day of the month previous to the one in which applications are invited :  
Three **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 60% 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.  
AND  
ii. One completed work of any nature (either part of (i) or a separate one) costing not less than the amount equal to 40% of the estimated cost put to tender with some Central Government Departments / State Government Departments / State or Central Autonomous Bodies / State or Central Public Sector undertakings.
- 2) Upload a scan copy of the information in respect of **manpower/mandays** for above said work must be given in **undertaking** with official signature and seal/stamp, otherwise tender will be **rejected**.
- 3) Bank Solvency certificate 40% of estimated amount issued within one year from any Nationalized / Schedule Bank from the date of publishing of Tender.
- 4) P. F. registration certificate.
- 5) P. F. challans of last 12months.
- 6) (i) ESIC registration certificate and copies of ESIC challans of last 12months.  
OR  
(ii) Contractors' all risks insurance (CAR policy) / Mediclaim policy.
- 7) PAN card.
- 8) GST registration certificate.
- 9) Income Tax Return for last 03 years i.e. of **2021-22, 2022-23 and 2023-24**.
- 10) List of Equipment's, Machinery, Tools.
- 11) List of Technical Staff with copies of their Degree/diploma certificate.
- 12) The contractors who were empanelled under Estate Office under (2018-23) list need not have to upload Demand Draft. The contractors other than empanel list that are applying for tender need to upload a scan copy of Demand Draft / Pay Order for Rs.35,000/-(EMD amount) drawn in favour of "The Registrar, IIT Bombay" on online Tendering Portal.
- 13) Power of Attorney, if any.
- 14) Proof of Constitution: An affidavit in case of Sole Proprietorship, Partnership Deed in case of Partnership Firm, Article of Association in case of Private / Public Limited Companies.

**Note:**

**Those contractors who do not have documents mentioned above from Sr. No. 1 to 14 need not apply as it is mandatory documents to qualify in technical bids.**

Upload all your relevant documents in the serial order mentioned above. It is **advisable** not to make more than **03 folders of 5MB** while uploading documents.

The work will be executed with lowest bidder as per the terms and conditions of work order and tender documents signed by the lowest bidder. (All agencies are requested to upload a scan copy of Terms and Conditions with official signature and seal/stamp on SRM online tendering portal)

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

If agency fails to submit the above mentioned documents by uploading to the online portal, their technical bid may be rejected.

Litigation history of the agency is required to be uploaded along with the application. Tender would not be awarded if any inquiry proceeding / criminal case is found pending against the agency.

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

Contractor's/Agencies/Proprietor's are requested to give Power of Attorney to your representative to deal any matter with any Officers or Staff of IIT Bombay on behalf of you or your agency.

The rates are taken from CPWD DSR 2021 and rate analysis.

The contractor have to quote his own rates online against each item of work and need to select **N5 tax code** thereafter.

Scan and upload all the above mentioned documents in "**C folder**" of online SRM tendering portal.

IIT Bombay reserve its rights to reject any or all tenders without assigning any reason and without any reference.

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

Superintending Engineer (I/C)

3/9

04/09/2024

**WORKS UNDERTAKING**

EO/A/ACAD/WKS-75/24-25

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

Sub : Renovation and repairing of Propulsion lab (ground floor) at Aerospace main department.

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 03 months as mentioned in the notice inviting for short tenders.

The following information is required to be provided. If fails to do so, the tender will be assumed incomplete and hence the same will be rejected.

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.

- 1) No. of Unskilled casual labour to be required per day. : .....
  - 2) No. of Skilled casual labour to be required per day. : .....
- .....

The 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-76

EO/A/ACAD/WKS-75/23-24

ESTATE OFFICE

Name of work : Renovation and repairing of Propulsion lab (ground floor) at Aerospace main department.

Schedule of work

Sr. No.	Description of work	Qty.	Unit
1	Removing door shutters and window shutters of any size and type with fittings (if available) and taking out the same outside IIT Campus etc. complete. (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap @ Rs. 120 per kg and structural steel scrap @ Rs. 20 Per Kg from item of work against actual weight if material taken outside IIT campus.)	4.00	Nos
2	Dismantling burnt brick masonry (in cement mortar) with plaster including sorting out serviceable bricks and lowering down debris, stacking the same and debris separately upto a distance of 50 meters or spreading the debris as directed.	1.00	Cum
3	Dismantling Reinforced cement concrete work including breaking concrete by chiselling, wedging including scaffolding, covering area with jute kantan to avoid spreading of dust etc., stacking the debris upto a distance of 50 metres as directed.	0.50	Cum
4	Dismantling plain cement concrete work including breaking concrete by chiselling, wedging etc., and stacking the debris upto a distance of 50 metres or spreading as directed.	0.50	Cum
5	Removing the old cement concrete or any type of tiles from floor / wall carefully including levelling the surface, cleaning the site, stacking the debris etc. complete.	35.00	Sqm

6	<p>Carefully removing internal or external plaster in patches or any length without damaging structure brickwork in the vicinity by using electric cutting tools including cutting a groove first to demarcate exact area of damage taken place stacking the debris with in 50 meter, cleaning the site etc. complete. including covering the furniture, floor, windows and partitions with plastic sheets while chipping with double scaffolding.</p> <p>Note:- a) No extra payment shall be made for extra thickness removed.</p> <p>b) Proper tools to be used for removal of concrete and it should be seen by contractor no damage on the other side / near by area will be taken place and if required other portions are to be checked by the contractors with respect to the damage before commencement of the work.</p> <p>c) The area in vertical plane shall be measured.</p>	40.00	Sqm
7	<p>Chipping the RCC surface and cleaning the rusted reinforcement and exposed surface by wire brush mechanical device or any other establish method and applying rust removing solution of approved make and quality with cotton waste swab to reinforcement and allowing to dry the same for 24 hours, brushing of loose particles and applying 1st coat of rust preventing coating of polymer and cement slurry in 1:1.5 proportion with soft brush without adding water including applying another coat of rust preventing after 4 hours allowing Air curing for 48 hours etc. including scaffolding any height etc. all complete as directed by Engineer In-charge.</p>	100.00	Sqm
8	<p>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 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 fax invoice of authorized dealer will be verified. all complete as directed by Engineer In-charge.</p>	150.00	Kg

9	<p>Providing and Placing in position Readymix Polymer mortar manufacture by Dr.Fixit, Sunanda, Roff or M.C. Bouchmey, Chembond and adding water in the proportion of 1:0.14( Polymer mortar:water) or as per manufacturer specification 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 mild curing will be done with water for 3 days etc complete.( payment will be paid for the actual quantity of polymer mortar used on weight basis.Challans and fax invoice of authorized dealer will be verified) etc.all complete as directed by Engineer In-charge.</p>	6000.00	Kg
10	<p>Providing and laying super fluid micro concrete of approved manufacturer at any floor after reinforcement treatment coat including mixing with 10mm to 5mm size quartz aggregate in the ratio of 1 part Pidilite make roff crete to 0.75 part of quartz aggregate by weight providing marine plywood formwork in line and level, cleaning, curing etc. all complete as per directed by Engineer In-charge</p>	1000.00	Kg
11	<p>Providing and fixing in position tor steel bar having grade Fe-500D or more for reinforcement of various diameters for R.C.C. footings, foundations, slabs, beams, columns, canopies, staircases, chajjas, lintels, pardies, coping, fins, dowel bars with sleeve, tie bar, any other required work etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required completed as directed.</p>	200.00	Kg
12	<p>Providing and laying in position machine batched or ready mixed design mix M-25 (1:1:2) grade cement concrete 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.</p>	0.50	Cum

13	Providing and laying cement concrete 1:1½: 3 (M-20) plinth level to upto any floor using sand as fine aggregate and graded stone aggregate 20mm maximum size for foundation, coping and bedding, levelling, dewatering by any means, compaction, finishing, curing etc. complete all as directed.	0.50	Cum
14	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Lintels, beams, plinth beams, girders, bressumers and cantilevers	5.00	Sqm
15	Providing second class burnt brick masonry with IS approved quality well burnt bricks including providing RCC palti M-20 concrete (1:1½:3), 100mm x 100mm to the full length of wall at every one meter height, using two numbers 8mm dia tor steel reinforcement, scaffolding, racking out joints and watering complete.	10.00	Sqm
16	Providing internal cement plaster 20mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces in all positions with the use of step ladder and curing complete.	60.00	Sqm
17	Providing internal cement plaster 12mm thick in single coats in cement mortar 1:4 without neeru finish to concrete or brick surfaces in all positions with the use of step ladder and curing complete	10.00	Sqm
18	Providing and fixing in position three track aluminium sliding windows using sections of size 92 mm x 31mm x 1.30 mm thick for bottom, sections of size 92 mm x 31mm x 1.30 mm (0.933kg/mtr) thick for sides and top. The shutter comprising of bottom and top member of size 40 mm x18 mm x 1.25 mm (0.417kg/mtr) thick , interlocking section of size 40 mm x 18 mm x 1.10 mm (0.469kg/mtr) thick and handle section of size 40mm x 18 mm x 1.25 mm (0.417kg/mtr) thick including providing and fixing 5mm thk. glass in the shutter using rubber gasket with require fittings such as approved quality minimum two nos. PVC rollers for each shutter, necessary locks, handles, PVC lining and other required fittings,etc. complete as directed by Engineer in charge.( Note: All aluminium sections and fitting are 15 micron anodized/ powder coated).	15.00	m2

19	Providing and fixing in position shutter in sliding window using aluminium section for bottom and top member of size 40 mm x 18 mm x 1.25 mm (0.417kg/mtr) thick , interlocking section of size 40 mm x 18 mm x 1.10 mm (0.469kg/mtr) thick and handle section of size 40mm x 18 mm x 1.25 mm (0.417kg/mtr) thick including providing and fixing 304 grade stainless steel mosquito proof mesh in the shutter using approved quality minimum two nos.PVC rollers, necessary locks, handles and other required fittings, making shutter removable as and when require etc. complete as directed by Engineer in charge.( Note: All aluminium sections and fitting are 15 micron anodized/ powder coated).	4.50	m2
20	Silicone sealants around window frames / window frame joints and drill holes for water outlet when the rain water on the glass fall into the channel and overflows (wherever required) including scaffolding etc all complete as directed by Engineer In-charge.	30.00	Rmt
21	Providing, making and fixing fully glazed aluminium partition using 63mm x 38mm x 1.65mm ( not less than 0.942kg/mtr)15 micron / powder coated anodized aluminium single groove partition section and 63mm x 38mm x 1.53mm ( not less than 0.942kg/mtr) 15 micron / powder coated anodized aluminium double groove partition section for frame, providing and fixing 5mm thick clear plain glass fixed with glazing clips, rubber gasket etc. complete.	4.50	m2
22	Providing and fixing shutter below platform made of aluminium anodized 15 micron and powder coated A- type section 50mm x 20mm or near available standard door section on top, bottom and sides, P/F 4mm thick hardner sheet of bakelite or equivalent, P/ F stainless steel hinges 75mm x 25mm (03 nos.). 02 nos., of s. S. towerbolt on each shutter 01 no. handle (S. S.), fixing the shutter to the existing cladding or aluminium frame with screws properly in line and level, rectification of all damages etc. complete.	5.00	Sqm



23	Providing and fixing aluminium section with 15 micron anodized/ powder coating for door frame, windows, partitions and any other require work on etc. of required size including fixing with required fittings such as screws and other required fittings including fixing in proper alignment, rectifying all damaged, P/F wood inside frame for fixing hinges etc. completed as directed.	10.00	Kg
24	Providing and fixing solid core flush door in single or double leaf 32mm thick of commertial type of exterior grade, approved commertial plywood facing both side without glazing and venetians, all necessary beads, moulding and lipping, 300mm long 2 nos.handles for each shutters, 8" long stainless steel tower bolt 1 no for each shutter,6 lever Godrej mortise lockwith triplicate keys and other required fittings etc. complete (without frame). (fittings will be approved by Engineer in charge before fixing)	3.50	m2
25	Providing & fixing 1mm thick designer laminate of approved brand and pattern on partition/ door shutter/ door frame/ over window including, making necessary groves wherever required as per standard practice with all required fittings and fixtures etc. complete as directed.	7.00	m2
26	Providing and fixing 2nd class country teakwood frame for doors, windows, ventilators by using wood of required size as per site condition including all moulding, rebating, hold fast and finishing with one coat of primer, applying coal tar on the unexposed faces of frame etc. complete.	0.03	m3
27	Providing and fixing granite 16 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for floor, dado, skirting, platforms, vanity counters, window and door sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels etc. Granite of any colour & shade and area of slab above 0.50sqm.all complete as directed by Engineer In-charge.	13.00	Sqm

28	Providing and fixing Kadappa stone slab for platform of approved type and design 20 to 30mm thick in cement mortar 1:4 including providing and fixing border patti on front edge, filling joints, curing, cleaning etc. all complete as per directed by Engineer In-charge	13.00	Sqm
29	Providing and laying Kotah stone for flooring, skirting, tread, riser of steps 25mm to 30mm thick of required size in plain / diamond pattern on a bed of 1:4 cement mortar (1 cement : 4 crush sand) or 20 mm thick plaster of cement mortar 1:3 (1 cement : 3 coarse sand) including cement float, filling joints with neat cement slurry, curing, polishing and cleaning complete.	35.00	Sqm
30	Removing and Refixing existing G.I pipe line of 15mm to 40mm diameter with required fittings and fixtures including step ladder. etc.all completed as directed by Engineer In-charge.	2.00	Rmt
31	Providing and fixing stainless steel sink having bowl size 610 x460x254mm of "Nirali" make inside platform or on brackets including UPVC waste coupling pipe upto outlet pipe, steel waste coupling including pillar tap of Jaquar make, 40mm dia P.V.C waste water pipe upto trap etc All complete as directed by Engineer In-charge.	1	No.
32	Providing and fixing 1/2" dia angular stop cock of Jaquar (continental series) fittings consealed or open including necessary fittings and fixtures etc. all complete as per directed by Engineer In-charge	1	Nos
33	Providing and fixing 1/2" dia stop and bib cock of Jaquar (continental series) fittings consealed or open including necessary fittings and fixtures etc. all complete as per directed by Engineer In-charge	1	Nos

34	Providing and laying I.S.I. approved heavy type 'C' class 15mm dia.galvanized iron pipes having weight as per IS specification to walls, ceilings, floors etc. with screwed sockets, back nuts, elbows, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling in holes in walls / slabs etc. and remaking good the demolished portion to restore the same in original condition neatly and applying primer and two coats of oil painting including necessary scaffolding etc. all complete as per directed by Engineer In-charge	10.00	Rmt
35	Providing and laying I.S.I. approved heavy type 'C' class 20mm dia galvanized iron pipes having weight as per IS specification to walls, ceilings, floors etc. with screwed sockets, back nuts, elbows, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling in holes in walls / slabs etc. and remaking good the demolished portion to restore the same in original condition neatly and applying primer and two coats of oil painting including necessary scaffolding etc. all complete as per directed by Engineer In-charge	5.00	Rmt
36	Providing and fixing 10cm P.V.C. nahani trap fixed with S.S grating with S.S rim, P.V.C. plug bend and piece of P.V.C. pipe upto plug bend, etc. all complete as directed by Engineer In-charge.	1.00	No.
37	Providing and laying P.V.C. pipes 75mm dia.conforming to I.S. using sockets using rubber gasket with solvent cement etc. completed as directed.	10.00	Rmt
38	Providing and fixing 20mm dia. gun metal gate valve with C.I. wheel of approved quality (screwed end) with required fittings and fixtures etc. all complete as per directed by Engineer In-charge	1	Nos

39	<p>Providing sand face plaster externally using approved screened sand in all positions including base coat of 15mm thick in cement mortar 1:4 using water proofing compound per cement bag as per manufacturer specification and curing the same for not less than two days and keeping the surface of base coat rough to receive the sand faced treatment not to exceed 8 mm thick in cement mortar 1:4, finishing the surface by taking out grains and curing for 14 days, scaffolding etc. all complete as directed by Engineer In-charge.</p>	20.00	Sqm
40	<p>Providing and applying exterior coating for wall including mechanical cleaning of the external surface and treating surface in sound, clean and free from dirt, oil and other loose material and may be done with vacuum cleaning if required. All surface cracks upto 5 mm width will be filled up with Dr. Fixit Crack X paste or similar material. The external surface will be primed with Dr. Fixit Primeseal (or equivalent BASF/ FOSROC/ STP) diluted with potable water in the ratio of 2:1 by volume prior to application of Dr. Fixit Raincoat. Allow it to dry for at least 2 to 3 hours and then apply Dr. Fixit Raincoat or equivalent (BASF/ FOSROC/ STP) having DFT of 110 micron, elongation of &gt; 100% as per ASTM D412-02 and algae Fungal resistance as per SS 345-1998. Accelerated weathering (2000 Hrs UV Exposure) as per ASTM D4587 No defects) in 2 coats by brush, roller or spray with an interval of 5 to 6hrs. Allow it to air cure for 7 days and do not dilute Dr. Fixit Raincoat by any means. Work includes scaffolding till any height and cleaning the surface thoroughly, watering the surface etc. complete including covering the floor, window glass with plastic sheet and as directed by this office. Work Shall be got executed through certified applicator of the product manufacturing company only and work shall be guaranteed for 3 years by the contractor on requisite stamp paper including submitting written guarantee from said certified applicator.</p>	20.00	Sqm.
41	<p>Providing and applying white cement based Birla make wall care putty of average thickness 1mm, over plaster/ concrete surface in proper line / level to prepare surface even and smooth for including preparing the wall surface for the application of wall care putty etc. all complete as per directed by Engineer In-charge</p>	200.00	Sqm

42	Providing and applying one coat of seal cement primer IITB approved brand, cleaning the surface with the use of stepladder , including scrapping the surface, filling the holes, covering the floor, windows, instruments during painting etc. all complete as per directed by Engineer In-charge	1350.00	Sqm
43	Providing and applying Acrylic oil bound distemper of IITB approved manufacturer and of desired colour and shade to old / new surfaces in two or more coats including stepladder, preparing the surfaces (excluding priming coat), covering the floor, windows, instruments during painting including scaffolding complete.	1350.00	Sqm
44	Providing and applying one priming coat of IITB approved brand to wood and wood based surface, including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering etc. with the use of stepladder.	50.00	m2
45	Providing and applying one priming coat of IITB approved brand over steel and other metal surface, including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering etc. with the use of stepladder.	50.00	m2
46	Providing and applying two coats of synthetic enamel paint of IITB approved brand and shade to wood and steel work with the use of step ladder including scrapping, cleaning, covering the floor, windows, instruments during painting etc. all complete as directed by Engineer In-charge.	100.00	Sqm
47	Providing and fixing ISI marked hydraulic door closer of approved quality and make Hyper to door shutter including making proper adjustment for smooth operation etc.all complete as directed by Engineer In-charge.	2.00	Nos

48	Making connection / disconnection of G. I. Distribution branch with G. I. Main of following 25 to 40 mm nominal bore sizes by providing and fixing tee, including cutting and threading the pipe etc. Complete.	1.00	Nos
49	<p>Providing and filling separation crack of 75mm width and 25mm deep with polymer modified cementitious mortar.</p> <p>a) Filling polymer modified cementitious mortar in layers of 20mm thick (applying bond coat at every layer) upto profile of concrete in vicinity (composition of mortar: cement 1Kg.: polymer (SBR) of approved manufacturer 15% by wt. of cement : 3Kg silica sand (grading IS 383, zone II, silt content = 0% ) over a polymer + cement bond coat including applying making tape on both side of groove, cleaning, finishing to match the plaster in vicinity, double scaffolding disposing of debris anywhere in IITB campus, cleaning as directed etc. complete.</p> <p>b) Proportion</p> <p>c) Bond coat</p> <p>d) SBR polymer + cement in the ratio 1:1 by volume</p> <p>e) Polymer modified cementitious mortar</p> <p>f) SBR polymer 150ml.</p> <p>g) Cement 1 Kg.</p> <p>h) Silica sand 3.0 kg.</p> <p>(Note: - Demarcating groove, breaking Plaster / concrete shall be paid under respective items).</p>	10.00	Rmt
50	Cutting, demarcating grooves at any height with electrically operated cutter machine between sound and unsound plaster, cracks on external wall, separation cracks Including Scaffolding etc. complete.	10.00	Rmt

51	<p>Providing, making and fixing partly glazed partly opaque aluminium partition using 63mm x 38mm x 1.65mm ( not less than 0.942kg/mtr)15 micron / powder coated anodized aluminium single groove partition section and 63mm x 38mm x 1.53mm ( not less than 0.942kg/mtr) 15 micron / powder coated anodized aluminium double groove partition section for frame and 4mm thick both side colour and aluminium composite sheet of approved make of approved colour up to 1200mm height or as per requirement and 5mm thick clear plate glass fixed with glazing clips, rubber gasket etc. complete.</p>	52.00	m2
52	<p>Providing, fabricating and fixing in position partly opaque and partly glazed aluminum anodized openable door in single or double leaf shutter using aluminum standard door section 80mm x 40mm ( not less than 1.139kg/mtr) for verticals and middle, 100mm x 40mm ( not less than 1.60kg/mtr) for top &amp; bottom members, 4mm thick aluminium composite sheet up to 1200mm height or as per plan and 5mm thick clear/ bajri glass above opaque panels, glazing clips, rubber gasket including using 3 nos stainless steel hinges 4" long for each shutter, 9" long stainless steel handles 2 nos. for each shutter, lock, stainless steel tower bolt 8" long 1 no for each shutter and other required fittings etc. all complete as directed. (All aluminium sections should be 15 micron anodized/ powder coated)</p>	5.00	m2
53	<p>Disposing debris, loose stones, boulders, concrete column, footing etc broken collected and stacked as directed including loading in trucks, transporting out of IIT Campus including obtaining approval from Government/ private land owners for disposing off on to their approved location. The contractor will be solely responsible for disposing debris out of campus and the debris are to be removed from site within 72 hours from stacking (30% voids will be deducted from actual measurement for debris, loose stones, boulders, concrete pieces like column, footing).etc.. all complete as per direction of Engineer In-charge.</p>	7.00	Cum

54	Providing and erecting mat bamboo scaffolding wherever required to all height as directed by engineer incharge before commencement of work and removing the same after completion of all external work requiring scaffolding.	135.00	m2
----	---	--------	----

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 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.

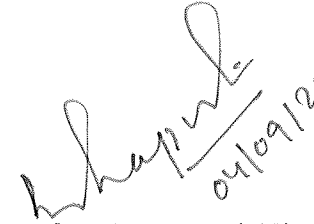
3) This work is to be executed as per the the clauses mentioned in the tender document signed by you. In addition to the existing safety clause of the tender document a penalty of Rs.5,000/- per case will be recovered from the bills of the particular works, in case any such safety violations are noticed.

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.

  
04/09/2024  
Superintending Engineer (I/C)

  
3/9