



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.	Providing & applying APP modified membrane waterproofing treatment on terrace of Tansa House Hostel, Hostel 9 (West wing), mess and mess worker's quarters, Electric Substation near Hostel No. 01 & 07. EO/A/HOSTEL/WKS-149/23-24	Rs.39,36,474/-	Rs.79,000/-	45 calendar days	610001691

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 for configuration process and user manual. Queries regarding to vendor registration please contact on 022 – 2159 3001(ASC Help-desk) and queries regarding to online Bid submission please contact to +91 82915 56277/6377.

Date and time of submission of tender documents digitally are from 14.03.2024 to 20.03.2024 till 11:15 a.m. Date of opening of Technical Bid will be 20.03.2024 at 11.30 a.m. and and Financial Bid 27.03.2024 (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.

Note: Similar work for this clause means Civil & Structural repair works, Specialised waterproofing works, Painting & interior works, and fabrication, additions & alteration works

- 2) 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, and no Financial Bid will be opened. (All contractors/agencies are hereby informed that they should upload Technical bid as per format of Annexure "A", changing in format is not allowed).
- 3) Upload a scan copy of the information in respect of **manpower/mandays** for above said work must be given in **undertaking** with official signature and seal/stamp, otherwise tender will be **rejected**.
- 4) Bank Solvency certificate 40% of estimated amount issued within one year from any Nationalized / Schedule Bank from the date of publishing of Tender.
- 5) P. F. registration certificate.
- 6) P. F. challans of last 12months.
- 7) (i) ESIC registration certificate and copies of ESIC challans of last 12months.
OR
(ii) Contractors' all risks insurance (CAR policy) / Medclaim policy.
- 8) PAN card.
- 9) GST registration certificate.

- 10) Income Tax Return for last 03 years i.e. of 2020-21, 2021-22 and 2022-23.
- 11) List of Equipment's, Machinery, Tools.
- 12) List of Technical Staff with copies of their Degree/diploma certificate.
- 13) Labour Licence obtained during in 03 years.
- 14) The contractors who were empanelled under Estate Office under (2018-23) list need not have to upload Demand Draft. The contractors other than empanel list that are applying for tender need to upload a scan copy of Demand Draft / Pay Order for Rs.79,000/- (EMD amount) drawn in favour of "The Registrar, IIT Bombay" on online Tendering Portal.
- 15) Power of Attorney, if any.
- 16) Proof of Constitution: An affidavit in case of Sole Proprietorship, Partnership Deed in case of Partnership Firm, Article of Association in case of Private / Public Limited Companies.

Note:

Those contractors who do not have documents mentioned above from Sr. No. 1 to 16 need not apply as it is mandatory documents to qualify in technical bids.

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

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

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

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

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

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

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


Rates of an estimate are based on CPWD DSR 2021, rate analysis & Ongoing market rates.

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.

Superintending Engineer (I/C)

OK 

13/03/2024

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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

File No. : EO/A/HOSTEL/WKS-149/23-24

Name of Work : Providing and applying APP modified membrane waterproofing treatment on terrace of Tansa House Hostel, Hostel – 9 (West Wing), Mess and mess worker's quarter, Electric Substation near Hostel No.1 & 7.

Name of the Contractor -----

Sr. No.	Name of Client	Name of Works	2020-21 (In Lakhs)	2021-2022 (In Lakhs)	2022-2023 (In Lakhs)	2023-2024 (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. S. Chaudhary
13/02/2024

Superintending Engineer (I/C)

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Signature of Contractor
Name & Address in full

WORK UNDERTAKING

EO/A/HOSTEL/WKS-149/23-24

ESTATE OFFICE

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

Sub : Providing and applying APP modified membrane waterproofing treatment on terrace of Tansa House Hostel, Hostel – 9 (West Wing), Mess and mess worker's quarter, Electric Substation near Hostel No.1 & 7.

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 45 calendar days 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 - 400076

EO/A/HOSTEL/WKS-149/23-24

ESTATE OFFICE

Name of Work:-Providing and applying APP modified membrane waterproofing treatment on terrace of Tansa House Hostel,Hostel-9(West Wing),Mess and Mess worker's quarter, Electric Substation near Hostel No.1 & 7

Schedule of work

Sr. No.	Description of work	Qty.	Unit
1	Providing and laying waterproofing treatment to terrace surface with 3mm thick APP modified bitumen membrane with polymer reinforcement with overlapping of 75mm along length and 100mm along width of any height including removing the existing waterproofing treatment such as tarfelt,chemical coating etc. without causing damages to the structure, cleaning the surface neatly , removing the dust and loose mortar from the terrace surface and repairing the same with 1:3 cement mortar mixed with waterproofing compound, including applying bitumen based primer @ 0.20Ltr/Sqm and laying the 3mm thick APP modified bitumen membrane, coating with torching method and finishing surface with heat reflective bitumen based silver @ 0.10Ltr /Sqm and covering the whole treatment with five years guarantee on requisite stamp paper of Rs.500.00 etc. all complete as directed.(Make Nilobit/STP/Asian Paint Ltd/Chryso india Pvt Ltd)	3500.00	Sqm
2	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing the tank from the terrace including shifting at ground level and taking away the same out of IIT campus etc. All complete as directed.(5% amount of this item will be deducted for scrap value of material)	4.00	each
3	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.	2.50	m3
4	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.	15.00	m2

5	Removing and taking away the existing damaged M.S. pipes,beams,channels,angles,flats,square bars etc. out of IIT Campus including transportation,loading and unloading etc. all complete as directed.(weighing of scrap steel will be done during execution of work on site and necessary gate pass will be issued for the same,recovery will be made from the bill amount for actual weight of scrap steel on site.)	300.00	kg
6	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	m3
7	Carefully removing the existing G.I. pipes (15 mm to 40 mm nominal bore) from floor / walls / slab etc. with out damaging the structures and taking away the same out of IIT Campus etc. all complete as directed.(15% amount of this item will be deducted for scrap value of material)	90.00	Rmt
8	Carefully removing the existing G.I. pipes (Above 40 mm nominal bore) from floor / walls / slab etc. with out damaging the structures and taking away the same out of IIT Campus etc. all complete as directed.(15% amount of this item will be deducted for scrap value of material)	15.00	Rmt
9	Providing second class burnt brick masonry with conventional/I.S. types of bricks in cement mortar 1;6 in superstructure including striking joints/raking out joints watering and H frame double scaffolding etc. all complete as directed by Engineer Incharge.	5.00	m3
10	Providing and laying cement concrete 1:1 ½ : 3 (M-20) using graded stone aggregate 20mm maximum size for foundation,parapets, coping, bed blocks, anchor blocks, band as per details including formwork, compacting, H frame double scaffolding, curing etc. all complete as directed.	0.50	m3
11	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.	32.00	m2

12	Providing & fabricating structural steel works in rolled section like angles, plates, pipes etc as per site requirement, applying hot dip galvanizing coating, as per standard specification with thickness not less than 120 microns, including fixing in position with connecting plates, braces and welding, riveting, bolting as necessary including H frame double scaffolding and painting with one coat of metal primer etc. all complete as directed.	825.00	kg
13	Providing 25 to 30mm thick kadappa stone of approved shape, quality and colour for water tank basement etc.including cutting holes of required sizes in appropriate places to receive pipes etc., fixing in the cement mortar 1:3, curing and cleaning complete.	20.00	m2
14	Providing hoisting and fixing in position ISI mark plastic storage water tank of approved make(Sintex/Infra make) on roof of Mess/ Kitchen / building at any height with all fittings & fixtures, Providing new C.I. tank covers with locking arrangement as per approved B.M.C pattern, fixing copper ball float of 1" size, connecting the tank (inlet and outlet) with the existing water line, providing and fixing over flow pipe 25mm dia with mosquito proof brass coupling using required fitting / fixtures etc. All complete as directed.(Capacity of tank @3000 liters)	12000.00	Liter
15	Providing and fixing 25 mm dia nominal bore I.S.I. approved 'C class galvanized iron pipes having weight as per IS specification with screwed sockets, joints, and necessary galvanised iron fittings such as backnuts, elbows, bends, tees, reducers, enlargers, plugs,clamps etc. including providing and applying two coats of oil paint with one coat of primer etc. All complete as as directed.	90.00	Rmt
16	Providing and fixing 40 mm dia nominal bore I.S.I. approved 'C class galvanized iron pipes having weight as per IS specification with screwed sockets, joints, and necessary galvanised iron fittings such as backnuts, elbows, bends, tees, reducers, enlargers, plugs,clamps etc. including providing and applying two coats of oil paint with one coat of primer etc. all complete as directed.	6.00	Rmt

17	Providing and fixing 50 mm dia nominal bore I.S.I. approved 'C class galvanized iron pipes having weight as per IS specification with screwed sockets, joints, and necessary galvanised iron fittings such as backnuts, elbows, bends, tees, reducers, enlargers, plugs, clamps etc. including providing and applying two coats of oil paint with one coat of primer etc. all complete as directed.	15.00	Rmt
18	Providing and fixing 20mm dia. gun metal gate valve of ISI mark (Brass) including necessary socket union/nut, fixing in proper position etc all complete as directed.	5.00	Nos
19	Providing and fixing 25mm dia. gun metal gate valve of ISI mark (Brass) including necessary socket union/nut, fixing in proper position etc all complete as directed.	15.00	Nos
20	Providing and fixing 40mm dia. gun metal gate valve of ISI mark (Brass) including necessary socket union/nut, fixing in proper position etc all complete as directed.	2.00	Nos
21	Providing and fixing 50mm dia. gun metal gate valve of ISI mark (Brass) including necessary socket union/nut, fixing in proper position etc all complete as directed.	2.00	Nos
22	Providing and applying two coats of synthetic enamel paint of Asian / Berger /ICI/Jenson & Nicholson, / Goodlass / Nerolac approved brand & desired shade to wood work and structural steel works with the use of stepladder, including preparing the surface by scrapping, filling all cracks / holes with lambi / palti, leveling the surface, cleaning etc. all complete as directed.	35.00	m2
23	Providing and applying one coat of acrylic primer and two coats of exterior acrylic paint of approved colour & shade of IITB approved manufacturer i.e. Berger, Asian, Killick Nixon, Goodlass, Nerolac, ICI, Decocem and as per manufacturer's specification on old or new plastered surface over concrete / brickwork, stonework as per manufacturer's specification including H frame double scaffolding and cleaning the surface thoroughly with coir brush, watering the surface etc. complete including covering the floor, window glass with plastic sheet etc. all complete as directed.	25.00	m2

24	Cutting, demarcating grooves at any height with electrically operated cutter machine between sound and unsound plaster, cracks on external wall, separation cracks, stacking the debris at suitable location including H frame double scaffolding etc. all complete as directed.	100.00	Rmt
25	<p>Providing and filling separation crack of 50mm width and 25mm deep with polymer modified cementitious mortar. Demarcating groove, removing plaster / concrete carefully, washing with potable water. 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, cleaning, H frame double scaffolding etc. all complete as directed.</p> <p>Proportion Bond coat SBR polymer + cement in the ratio 1:1 by volume. Polymer modified cementitious mortar SBR polymer 150ml. Cement 1 Kg. Silica sand 3.0 kg. (Note: - Demarcating groove, breaking plaster / concrete shall be paid under respective items).</p>	100.00	Rmt
26	Providing and fixing P.V.C. rain water pipes 150mm outer dia. and having wall thickness of 2.2 to 2.7mm conforming to I.S. 13592-1992 including proper rain water receiving recess with P.V.C. plug bend, necessary fittings such as offsets, shoes including fixing the pipe on wall using approved M.S cleats projecting 25mm to 40mm from face of wall & fixing with clips of approved quality & number, filling the joints using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including removing the existing damaged rainwater pipe and taking away the same out of IIT Campus, H frame double scaffolding etc. All complete as directed .(5% amount of this item will be deducted for scrap value of material).	330.00	Rmt
27	Providing and laying temporary loop connection to main water supply inlet and outlet of water tank with 'C' class 40mm dia G.I. pipe with elbows, tees, reducers, plugs, clamps, gate valves etc. including other connections and commissioning the water supply line including H frame double scaffolding if required and remaking to original connections after repair, depositing the removed pipes, valves, fittings to estate store etc. All complete as directed.	2.00	Job

28	Disposing debris, loose stones, boulders, concrete pieces etc. collected and stacked as directed including loading in trucks, transporting out of IIT Campus including obtaining permission of BMC competent authorities for disposing off on to their approved locations. The debris are to be removed from site within 7 days limit from stacking (30% voids will be deducted in case of truck measurement) etc. all complete as directed.	40.00	Cum
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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.

R. Shapark
13/02/2024
Superintending Engineer (I/C)

[Signature]
13/3