



INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
ESTATE OFFICE, POWAI, MUMBAI, MAHARASHTRA - 400 076.
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Advertisement No. H-20/21-22

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. GST	EMD (In Rs.)	Time Limit	RFX No.
1	Providing and fixing false roof ceiling at Badminton court. (EO/A/HOSTEL/WKS-176/21-22)	Rs.1,23,66,572/-	Rs.2,50,000/-	Four Calendar Months	6100001130

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, configuration process please contact on 022 – 2159 3001(ASC Help-desk) and queries regarding to online Bid submission please contact to +91 82915 56277/३७७

Date and time of submission of online technical bid and financial bid are from 12.07.2022 to 27.07.2022 upto 11.15 a.m. Date of opening of Technical Bid will be 27.07.2022 at 11.30 a.m. Date of opening of Financial Bid will be on 03.08.2022. (Tentative)

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) 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.

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.
- 11) List of Equipment's, Machinery, Tools.
- 12) List of Technical Staff with copies of their Degree/diploma certificate.
- 13) Labour Licence obtained during last 03 years.
- 14) Upload a scan copy of Demand Draft / Pay Order of Rs.2,50,000 (EMD amount) drawn in favour of "The Registrar, IIT Bombay" on online Tendering Portal.
- 15) Contractor's having valid NSIC / MSME certificate should upload a scan copy of it on online tender portal for EMD exemption.
- 16) Power of Attorney, if any.
- 17) 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.

R. R. R.
11/02/2022
Superintending Engineer

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Note:

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 bid 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.

The available bid capacity will be calculated based on the above information received from the agencies & the agencies those who are having sufficient bid capacity, i.e. bid capacity more than the estimate value, will only be considered. The tender of agencies having less bid capacity will be rejected and the accepted agency financial bid will be opened.

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 Ongoing Market rate & rate analysis.

The contractor have to quote his own rates online against each item of work.

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.

A. K. Gupta
11/09/2022
Superintending Engineer

[Signature]

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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

File No. : EO/A/HOSTEL/WKS-176/21-22

Name of Work : Providing and fixing false roof ceiling at Batminton court.

Name of the Contractor _____

Sr. No.	Name of Client	Name of Works	2019-2020 (In Lakhs)	2020-2021 (In Lakhs)	2021-2022 (In Lakhs)	2022-2023 (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.

Signature
11/07/2022

Superintending Engineer (I/C)

Signature
11/2

Signature of Contractor
Name & Address in full

WORK UNDERTAKING

EO/A/HOSTEL/WKS-176/21-22

ESTATE OFFICE

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

Sub : Providing and fixing false roof ceiling at Batminton court.

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 Four Calendar Months as mentioned in the notice inviting for tenders.

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.

Note: -

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.

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

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The Mandays required for completion of work. :

Thanking you,

Yours faithfully,

Signature of the Contractor
With official Seal / Stamp of the firm

Note: Upload the document as a scan copy in PDF format, with all respective information in respect of **manpower/mandays** required for above subjected work with official signature and seal/stamp, otherwise tender will be **rejected**.

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
POWAI, MUMBAI - 400076

EO/A/HOSTEL/WKS-176/21-22

ESTATE OFFICE

Name of Work : Providing & fixing false roof ceiling at Badminton court.

Schedule of work

Sr. No	Description of work	Qty	Unit
1	Providing and fixing double scaffolding system of any type up to 20m height with 1.5 or 2.0 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building/near by support etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. all complete as directed.	11700.00	Sqm
2	Carefully removing the Asona sheet layer with the help of proper tools and equipment without damaging the top roof including collecting the debris, staking at suitable location at site and taking away out of IITB campus by engaging truck on hire charges etc all complete as directed.	2400.00	Sqm
3	Carefully removing the hanging Acoustic green boards (Approx size of 1 board = 4.0m x 2.5m) with the help of proper tools and equipment including stacking it at suitable location at site and taking away out of IITB campus etc all complete as directed. (Removing of 60 boards will be considered as 1 job)	1	Job
4	Providing & fabricating structural steel works in rolled sections like channels, angles, tees, M.S. plate, pipe, flats etc. as per site requirement including fixing in position with connecting plates, braces, and welding as necessary etc. including painting with one coat of red oxide primer and two coats of S.E.P etc all complete as directed.	16100.00	kg

5	<p>Providing & Fixing of Fibre Glass Acoustical Suspended Ceiling System of size 600mm x 600mm with 15mm thick Optra Board Edge Tiles with Prelude 24mm face exposed grid. The tiles shall have smooth laminated visual with Humidity Resistance (RH) of 95%, NRC 0.85 - 0.95 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 standard, , Light Reflectance $\geq 88\%$ as per ASTM E-1477, Fire Performance of Class 0/1 as per BS 476 Part 6/7 with Board edge in module size of 600 x 600mm. It shall be suitable for Green Building application, with Recycled content of 85%.</p> <p>SUSPENSION: The tile shall be laid on Prelude 32 with 24 mm wide T - section flanges color matching to tile colour having roll formed double stroke rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 32mm (all sections). The deflection loading of the system shall be 15 kg/m² (as per standard installation layout mentioned below) and main beam tested as per ASTM C635 (Deflection limit less than L/360) with a deflection loading of 18kg/m. The end details of the cross tee shall be made of pre hardened steel and fixed to the ends of the cross tee to provide double locking between "cross tee to cross tee" and "cross tee to main beam". All main beam to main beam and cross tee to cross tee connection shall have a pull out strength of more than 100kg. The T Sections shall be made of hot dipped galvanized steel of 90 gsm as per IS 277 (2003) and pre-painted steel with baked polyester paint with OT bending capability.</p> <p>The Tile & Grid system used together shall carry a 10 year warranty against manufacturing defect and manufacturer shall provide a warranty certificate. The Tile & Grid shall have the manufacturers name embossed/printed on it. The supply shall be backed by a Manufacturing Test Certificate, including providing necessary cut outs for electrical lightings and AC vents etc all complete as directed.</p>	2600.00	sqm
6	<p>Providing and installing Vertical Blinds of approved make/pattern and colour including 38mm sliding section and fixing on sides/or overhang in proper line & level including step ladder/ scaffolding etc all complete as directed.</p>	100.00	sqm

7	Carefully exposing the existing damaged RCC members like columns, beams, slabs, chajjas, paradis, fins etc in patches or any length by using electrical cutting tools/manually means up to any depth till the corroded reinforcement will be opened allround without damaging brickwork, plaster in the vicinity, cleaning, stacking the debris with in 50 meter or at specified location for taking away out of IIT campus, cleaning the site etc. complete, including covering the furniture with plastic sheet while exposing concrete including scaffolding / step ladder etc. all complete as directed by Engineer In-charge. Note: Proper tools to be used for removal of concrete. The area in vertical plane shall be measured.	20.00	Sqm
8	Old reinforcement treatment providing and applying reinforcement treatment, comprising of following operations. · Cleaning the reinforcement from all sides by using wire brush, tools etc. · Application of rust converter (Alkaline base) as per manufacturers specification, cleaning if required as directed including scaffolding etc. all complete as directed by Engineer In-charge. · Actual consumption of Alkaline base converter shall be measured for payment on weight basis. Challans & Invoice of authorized dealer will be verified.	5.00	Kg.
9	Providing and applying an effective bond coat of Polymer (SBR) approved by IITB and cement in the proportion of 1:1 using brush in multiple coats as required to accommodate the whole thickness of polymer modified mortar wherever required on the surface of old concrete or repaired concrete. Polymer (SBR) of approved manufacturer should have the following properties: Suspended solid particle 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 & Invoice of authorised dealer will be verified.	40.00	Kg.

10	Providing & placing in position readymix polymer mortar manufacture by Dr. Fixit, Sunanda, Roff, MC Bouchmey, Chembond and approved and adding water in the proportion of 1:0.14 (polymer mortar: water) in prepared grooves / cracks of the concrete court in layers as directed including mixing the polymer mortar with water using forced action mixer mild curing with water for 3 days etc. all complete as directed by Engineer In-charge. Payment will be paid for the actual quantity of polymer mortar PX used on weight basis. Challans of authorised Dealer will be verified etc. all complete as directed.	800.00	Kg.
11	Providing internal cement plaster 20mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces in all positions including scaffolding and curing etc. all complete as directed.	20.00	Sqm
12	Carefully removing the chair rows fixed at badminton court with the help of proper tools and equipment including cutting, grinding and leveling the projected bolt from slab with the help of grinding machine and stacking the chair rows at suitable location at site and taking away out of IITB campus etc all complete as directed. a. Group of 19 chairs will be considered as 1 row. b. 40% of total cost of item will be recovered for taking away chairs out of IIT B campus.	68	Per no.
13	Providing & fixing acoustic board as per existing pattern to walls panels including removing the old damaged board and fixing the new board in proper line & level to match with existing design etc all complete as directed.	20.00	Sqm
14	Providing and applying one coat of seal cement primer IITB approved brand, cleaning the surface with the use of stepladder including covering the floor, window glass with plastic sheet,scrapping the surface, levelling the entire surface with lambi / palti and cleaning etc all complete as directed.	750.00	Sqm

15	Providing and applying roller finish Acrylic plastic emulsion paint of IITB approved manufacturer and of desired colour and shade to old / new ceiling & wall surfaces in two coat with uniform finish with the use of stepladder, scrapping, preparing and levelling the surfaces with palti/putty, as per manufactures specification including covering the floor, window glass with plastic sheet and cleaning (excluding priming coat) etc all complete as directed.	750.00	Sqm
16	Providing and applying one coat of red oxide primer and two coats of synthetic enamel paint of approved colour to new/old structural steelwork in building including necessary, cleaning and preparing surfaces by solvent,degreasing and derusting by manual scrapping etc. all complete as directed.	1000.00	Sqm

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 existing safety clause of the tender document a penalty of Rs. 5000/- per case will be recovered from the bills of the particular works, in case any such safety violations are noticed.

4) Taxes as per government notification time to time.

5) 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.

6) 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. K. Kulkarni
11/07/2022

Superintending Engineer (I/C)

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