



INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
ESTATE OFFICE, POWAI, MUMBAI, MAHARASHTRA - 400 076.
TEL. 022 2576 7927/4995 E-mail : drestate@iitb.ac.in

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, supplying and fixing synthetic floor to badminton court, football field and athletic track and fixing ABS wall panel system to squash court in IIT Bombay with comprehensive annual maintenance (AMC) of 5 years including DLP of 1 year. (EO/A/HOSTEL/WKS-175/21-22)	Rs.3,72,24,963/-	Rs.7,45,000/-	Six Calendar Months	6100001064

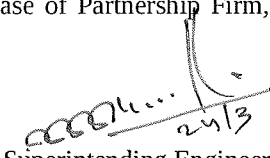
Intending bidders needs to be register themselves on IIT Bombay portal i.e. <https://portal.iitb.ac.in/vrp/index.jsp> to get User ID and Password. **View the open tender on <https://ep.iitb.ac.in/irj/portal> Please visit https://portal.iitb.ac.in/vrp/vrp_srm_docs.jsp for configuration process and user 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./317**

Pre-bid meeting will be held on 08.04.2022 at 11.00 a.m. Date and time of submission of online technical bid and financial bid are from 25.03.2022 to 20.04.2022 upto 11.15 a.m. Date of opening of Technical Bid will be 20.04.2022 at 11.30 a.m. Date of opening of Financial Bid will be on 27.04.2022. (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) / Mediclaim 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.7,45,000/- (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.


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Superintending Engineer

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 will 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 taken from Ongoing market rates and rate analysis and as per CPWD-SOR 2016.


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

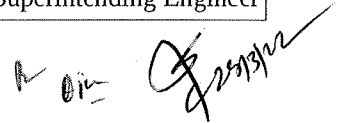
Details mentioned in Annexure'A' format should upload respective copies of work order and work completion certificates, otherwise the bid capacity will not be calculated and his technical bid will be summarily rejected, and no Financial Bid will be opened.

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

Contractors who wish to attend pre-bid meeting on 08.04.2022 should mail at drestate@iitb.ac.in in an advance.

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


Superintending Engineer



WORKS UNDERTAKING

EO/A/HOSTEL/WKS-175/21-22

ESTATE OFFICE

To,
Superintending Engineer
Indian Institute of Technology,
Powai, Mumbai – 400 076.

Sub : Providing, supplying & fixing synthetic floor to badminton court, football field & athletic track & fixing ABS wall panel system to squash court in IIT Bombay with comprehensive Annual maintenance (CAM) of 05 year including DLP of 01 year.

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 **06 calendar 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

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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

File No. : EO/A/HOSTEL/WKS-175/21-22

Name of Work : Providing, supplying & fixing synthetic floor to badminton court, football field & athletic track & fixing ABS wall panel system to squash court in IIT Bombay with comprehensive Annual maintenance (CAM) of 05 year including DLP of 01 year.

Name of the Contractor _____

Sr. No.	Name of Client	Name of Works	2018-2019 (In Lakhs)	2019-2020 (In Lakhs)	2020-2021 (In Lakhs)	2021-2022 (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.

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Signature of Contractor
Name & Address in full

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POWAI, MUMBAI - 400 076.

EO/A/HOSTEL/WKS-175/21-22

ESTATE OFFICE

Name of work : Providing, supplying & fixing synthetic floor to badminton court, football field and Athletic track and fixing ABS wall panel system to squash court in IIT Bombay with comprehensive Annual maintenance(CAM) of 5 year including DLP of 1 year.

Schedule of Work

Sr. No.	Description of work	Quantity	Unit
1	Dismantling Plain cement concrete work by manually/mechanical means including breaking concrete by chiseling, wedging etc. and stacking the same at site for taking away out of IIT campus etc. all complete as directed.	5.00	Cum
2	Removing the old damaged wooden flooring or any type of wooden clading including leveling the surface, cleaning the site including sorting out serviceable wooden planks and stacking the same for taking away out of IIT campus etc. all complete as directed.(1% amount will be deducted for scrap value of material of this item)	1550.00	Sqm
3	Excavation by manually / mechanical means in earth, soil of all types, sand, gravel, soft murum/hard murum and boulders up to 1.50 meter depth including removing the excavated materials upto a distance of 50 meters beyond the site area/stacking and spreading as directed including dewatering by any means, preparing the bed for the foundation and necessary backfilling, ramming, watering, including shoring and strutting etc. all complete as directed.	100.00	cum
4	Providing dry trap / rubble stone soling 15cm to 30cm thick including hand packing, compacting etc all complete as directed.	65.00	Cum
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification of Grading I (Using Screening Type A(Size range of Aggregate 63mm to 45mm) including spreading in uniform thickness (loose 120mm thickness compacted to 80 – 75mm thick layer), hand packing to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting with power road roller 8 to 10 tonnes to get compacted sub grade with 90% of maximum dry density etc al complete as directed. (Compacted thickness will be taken for payment)	180.00	Cum
6	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification of Grading II (Using Screening Type B (Size range of Aggregate 53mm to 22.4mm) including spreading in uniform thickness (loose 120mm thickness compacted to 80 – 75mm thick layer), hand packing to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting with power road roller 8 to 10 tonnes to get compacted sub grade with 90% of maximum dry density etc al complete as directed. (Compacted thickness will be taken for payment)	180.00	Cum
7	Providing and laying ready mix/ machine mix M-20 plain cement concrete of trap metal for making foundation and bedding/top coping including bailing out water manually, formwork as required compacting and curing, providing weep holes etc. all complete as directed.	250.00	Cum

8	Providing RMC / machine mix and laying of 75mm thick vacuum dewatered (Tremix) concrete of grade M 25 of trap metal as per requirements of sports authorities / Engineer Incharge, including dewatering , steel form work, compaction , panels as specified and as per manufacturer of equipment, forming construction joints by square edge painted with bitumen, including providing reinforcement of G.I mesh of 12 guage laid along with specified covering etc, power floating and broom finishing or finishing smooth as specified, cleaning, curing surface etc. all complete as directed.	3500.00	Sqm
9	Providing second class burnt brick masonry with conventional type bricks in cement mortar 1:6 including scaffolding, racking out joints and curing etc. all Complete as directed.	40.00	Cum
10	Providing cement plaster 20mm thick in a single coat in cement mortar 1:4 to concrete or brick/stone masonry surfaces in all positions with the use of step ladder and curing etc all complete as directed.	520.00	Sqm
11	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.	8500.00	kg
12	Providing & fixing factory made precast concrete Kerb stone of size 300mmx250mmx150mm along the periphery of Athletic track including fixing it in proper line and level etc all complete as directed.	250.00	Rmt
13	Providing, supplying and fixing BWF (Badminton World Federation) approved Level 1A (Grade1) of 7mm thick top finished badminton Flooring. The under laying mat should be elastic premanufactured mat made from selected rubber bound with polyurethane of 5mm Thickness, Black colour, Regupol 6015 H P2P. High quality adhesive to be used for proper bonding of the surfaces. Marking of seven badminton courts to be done on the top finished layer of badminton courts as per instructions etc. all complete as directed. The technical specifications of materials should be as following: 1. Specific weight: 690kg/m ³ 2. Weight per m ³ : 3.45kg 3. Tensile strength: 0.55 N/mm ² -Following DIN EN ISO 1798 4. Elongation at break: 60% - Following DIN EN ISO 1798 5. Stress at 25% Compression: 0.50 N/mm ² DIN EN ISO 3386-2 6. Force Reduction (without additional covering) 21% DIN 18032, part 2 7. Temperature Resistance: -40° C up to 115° C 8. Fire Resistance: Class E DIN EN 13501-1	1352.00	Sqm
14	Providing & fixing ASB system 40 front wall panel for squash court The panel wall of 18mm thickness to be installed directly on the existing wall with screws by creating a cavity of 20-22 mm between the building and panel wall and it is to be completely filled with the fine dried sand and playing surface is to be finished with the fillers & paint. The total construction thickness should of 40mm. With required line markings. The product and manufacturer company both should be WSF (World Squash Federation) approved. Make - ASB, Germany	3.00	Per unit
15	Providing & fixing ASB system 40 side wall panel for squash court The panel wall of 18mm thickness to be installed directly on the existing wall with screws by creating a cavity of 20-22 mm between the building and panel wall and it is to be completely filled with the fine dried sand and playing surface is to be finished with the fillers & paint. The total construction thickness should of 40mm. With required line markings. The product and manufacturer company both should be WSF (World Squash Federation) approved. Make - ASB, Germany	6.00	Per unit

16	ASB haro flooring. Providing & fixing Elastic bearing elements made of spruce, classification I/III, fully planed, with rubber pads. Dimensions: 4000mm x 95mm x 37 mm. Counter sub-floor made of spruce, classification I/III, fully planed Dimensions: 4000mm x 95 mm x 17 mm. PE foil. - Sports floor according to DIN280, part 5, Thickness 0.3mm. Haro Melbourne 65 Squash Floor staple on to the counter floor. Solid hardwood top layer 3.6mm. SST surface with a special sanding and depth impregnation for Squash. Entire thickness: 12.6 mm, tongue and groove,. Dimensions: 2200mm x 180mm x 12.6 mm. Floor construction height: approx. 66.6mm, required height on site: 70mm. With Required Line markings The product and manufacturer company both should be WSF (World Squash Federation) approved.	3.00	Per unit
17	Providing & fixing Height adjustable tin in squash court.. The Height Adjustable Tin should be made of 2mm thick stiffened aluminum in single aluminum sheet and should be made in two parts for easy transportation and installation. The height should be adjustable of 48cm or 43cm high and 6.4mtr width. The upper sloping tin profile should be integrated and cover with red tape.	3.00	Per unit
18	Providing, supplying and fixing IAAF certified Sandwich Style Synthetic Track including line markings for 6 lanes. The dimensions of 100 mtr length by 7.5-8 mtr width (1.22-1.25 mtr lane width); 14mm thickness; along with proper drainage system and standardized lane marking. The system with polyurethane compound and fine EPDM granules, applied to a cast in place with base rubber crumb and clear polyurethane binder. The base layer would be open grade asphaltic concrete finishing layer along with the following layers forming proper sandwich system (1) Acrylic Resurface (Sealer/Filler coats/Primer coat as per IAAF) (2) Rubber Layer (Granules/Fibres and elastomer, poured out in-situ or prefabricated) (3) PU Seal layer (4) Acrylic non-textured top coat layer (5) Line markings of lanes to be done as per instruction of authorities etc. all complete as directed.	800.00	Sqm
19	Supply, Installation and finishing of Football Turf in accordance to the International Standards or approved. It should be of a European make, non-Chinese Turf fibre type – Hybrid Yarn. Pile Height – 50 mm – 55mm. PU Baking with Pile weight – 864gm/m ² ; Stitch Rate/1m width should be 63 and length 130; Detex 17000 – 17500; water permeability - \geq 500mm/h; Rubber granules & Silica Sand as per FIFA test report only and as per FIFA specifications etc. All complete as directed.	1200.00	Sqm
20	Providing & fixing international standard or equivalent football Goal post.	1.00	Pair
21	Providing & fixing Garware Co. braided net vertical, 2.5mm thickness and 50mm mesh size (20ft X458)	860.00	Sqm
22	Providing & fixing Vertical pole padding up to 7ft height.	70.00	Rmt
23	Providing & fixing Horizontal bottom pole padding	300.00	Rmt
24	Hire charges for providing J.C.B for cutting and leveling the heaps of soil, excavation including necessary labour, operator, fuel etc. excavating, shifting, spreading and leveling the soil / debris at low lying area etc. all complete as directed.	80	Per Hr.
25	Hiring charge of road roller 8 to 10 ton capacity for rolling and levelling in various locations in IITB campus. The hiring charges are inclusive of wages of roller driver, cleaner, diesel/ oil, incidentals etc, payment will be given for the actual period of roller operated and no breaks will be considered for payment.	48	Per Hr.
26	Disposing debris, loose stones, boulders 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 location . The debris are to be removed from site within 7 days from stacking (30% voids will be deducted from actual measurement for truck) etc. all complete as directed.	2.00	Cum.

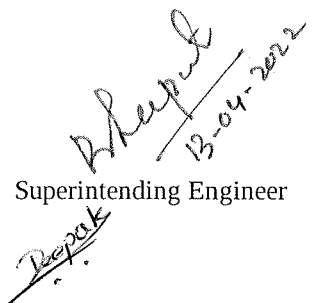
27	Collecting, transporting and shifting of surplus excavated materials, debris from anywhere inside of IITB Campus to low lying area of campus including loading by mechanical means (JCB, Truck) and unloading the same to the low lying area with required gradient, slope, including spreading and levelling the same etc. all complete as directed by Engineer In-charge. (30% voids will be deducted for inside hold of truck for truck measurement).	900.00	Cum.
Total (A)			
Comprehensive Annual Maintenance (CAM)			
28	Comprehensive Annual Maintenance (CAM) for 2 nd & 3 rd year	1	each
29	Comprehensive Annual Maintenance (CAM) for 4 th & 5 th year	1	each
Total (B)			
Grand Total (A+B)			

Note:-

- 1) **Comprehensive Annual Maintenance (CAM) period is 5 years.**
 - a) **CAM for 1st year is free of cost. (Considered as Defect Liability Period)**
 - b) **Value of Comprehensive Annual Maintenance (CAM) from 2nd to 5th year i.e. 04 years shall not be less than 10% of value of Work Order. (Rates are to be quoted at Sr. No. 28 & 29 above.)**
 - c) **Payment for Comprehensive Annual Maintenance (CAM) would be made on quarterly basis after 1 year of Defect Liability Period (DLP).**
- 2) This schedule of work is given for reference purpose only. Contractors are requested to quote your rates online in financial bid.

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 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.

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.
- 5) 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.


 13-04-2022
 Superintending Engineer