



INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY  
ESTATE OFFICE, POWAI, MUMBAI, MAHARASHTRA – 400 076  
TEL. 022 2576 7927/4995 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. of 18% GST	EMD (Rs.)	Time Limit	RFX No.
1.	External painting and need based repairs of Aravali building No. B-23 at Hillside area. EO/A/HILLSIDE/WKS-219/22-23	Rs.86,67,508/-	Rs.1,74,000/-	04 Months	610001314

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, configuration process please contact on 022 – 2159 3001(ASC Help-desk) and queries regarding to online Bid submission please contact to +91 82915 56277/56377.

Date and time of submission of tender documents digitally are from 30.01.2023 11:15 a.m. to 16.02.2023 upto 11:15 a.m. Date of opening of Technical Bid will be 16.02.2023 at 11:30 a.m. Date of opening of Financial Bid will be on 22.02.2023(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) Detail statement for work completed, work in hand including balance commitment of work should be enclosed for last three year commencing from 1<sup>st</sup> April and ended with 31<sup>st</sup> 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**.(Undertaking format uploaded on SRM online tendering portal)
- 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) The contractors who are empanelled under Estate Office enlisted contractors list need not have to upload a scan copy of DD / Pay Order 2% work EMD against the work. The contractors (other than empanel list) that are applying for tender need to upload a scan copy of DD / Pay Order 2% work EMD (Rs.1,74,000/-). If tender submitted without uploading scan copy of EMD in the form of DD / Pay Order in SRM will be rejected summarily.
- 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.

*A. K. Singh*  
20/01/2023

Superintending Engineer (I/C)

*A. K. Singh*

**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 06 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.

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 be 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 taken from CPWD DSR 2016 and 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. Singh*  
20/01/2023

Superintending Engineer (I/C)

*A. K. Singh*

**TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID**

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

File No. : EO/A/HILLSIDE/WKS-219/22-23

Name of Work : External painting and need based repairs of Aravali building No. B-23 at Hillside Area.

Name of the Contractor -----

Sr. No.	Name of Client	Name of Works	2019-20 (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.

*A. K. Kulkarni*  
20/01/2023

Superintending Engineer (I/C)

*Ch*  
27/1/23

*OK*

*Q. Srinivas*

Signature of Contractor  
Name & Address in full

WORK UNDERTAKING

EO/A/HILLSIDE/WKS-219/22-23

ESTATE OFFICE

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

Sub : External painting and need based repairs of Aravali building No. B-23 at Hillside Area.

Dear Sir,

We are hereby quoting all the rates for the attached schedule of short tender of the above mentioned job.

We hereby accept & signed all the General Terms and Conditions and special Conditions of Contract.

The work will be completed within specified time limit of 04 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 – 400 076.

EO/A/HILLSIDE/WKS-219/22-23

ESTATE OFFICE

Name of Work :- External painting and need based repairs of Aravali building no B-23 at Hillside Area.

SCHEDULE OF WORK

Sr. No.	Description of Work	Qty.	Unit
1	Removing the loose/debonded existing cement plaster after tapping with wooden hammer of any thickness and at any height without causing dust nuisance and stacking the debris up to a distance of 50 metre and cleaning the site etc. all complete as directed by Engineer In-charge.	500.00	Sqm
2	Exposing the existing damaged RCC band or any structural member in patches or any length by using electrical cutting tools 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, cleaning the site etc. complete, Note :- Proper tools to be used for removal of concrete. The exposed damage concrete area shall be measured for the payment of this item.	50.00	Sqm
3	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 such as Alkaline base(Rust kill A) as per manufacturers specification, cleaning as directed Actual consumption of Alkaline base converter shall be measured for payment on weight basis. Invoice of authorized dealer will be verified. The chemical to be procured in sealed container & seal to be opened in presence of the IITB representatives.	5.00	Kg

4	<p>Providing and applying an effective bond coat of Polymer (SBR) Stuco latex of structural waterproofing (Cicco)/ Resicon 400, and cement in the proportion of 1:1 by using brush in multiples of coat as required to accommodate the whole thickness of PMM wherever required on the surface of old 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. Invoice of authorized dealer will be verified. The chemical to be procured in sealed container &amp; seal to be opened in presence of the IITB representatives</p>	10.00	Kg
5	<p>Providing and 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. Complete. (Payment will be paid for the actual quantity of polymer mortar used on weight basis. Invoice of authorised Dealer will be verified etc all complete as directed by Estate office).</p>	1,250.00	Kg
6	<p>Providing erecting and dismantling (after completion of work) double bamboo scaffold with verticals @ 1.2 to 1.8m inner as well outer faces and horizontal and braces as directed by Engineer In Charge the scaffolding should have a provision for continuous cantilever working platform constructed by aides to be strutted diagonally to prevent from buckling under the weight of materials, at comfort levels for the men and artisans to work which is 6" to 9" away from the wall .Note :Elevational area of scaffolding will be measured for payment.</p>	9,000.00	Sqm
7	<p>Providing and erecting arrester/safety net in double layer mesh having first layer 4mm PP rope in 100mmx100mm and second layer with blue fish net with 18mm mesh supported by border rope and tie cord 12mm PP to prevent the debris from falling on ground during progress of work and keeping the same during the entire period. (The elevational area of the covered portion shall be measured for payment purpose )</p>	9,000.00	Sqm

8	<p>Providing and fixing Jute kantan (Tarat) screen to the scaffolding of external plastering / repairing removing the same after the work is over etc. Complete. (The elevational area of the covered portion shall be measured for payment purpose )</p>	9,000.00	Sqm
9	<p><b>Apply external waterproof plaster using factory made ready mix polymer cement mortar plaster.</b>  1) Providing and rendering the prepared surfaces with new sand faced cement plaster of minimum 20mm thick in two coats by using factory made ready mix polymer modified cement plaster waterproofing plaster of approved make ( M/s Wall plast, M/s. Fare Matt) or equivalent.  2) The base coat of minimum 12mm thick using above ready mixed polymer modified mortar plaster to proper plumb level &amp; line including making the plaster surface rough ( all as per the manufacturer's specification ) to receive the top finish coat  3)Applying top/finish coat plaster of minimum 8mm thickness with similar ready mix polymer cement mortar plaster finishing in perfect plumb. Line &amp; level so as to obtain fine sand grain finish by using branded approved variety sponge or using machnised devise including adding additional required quantity of cement for managing richer mix preferable ordinary portland cement 43 grade variety of approved brand at no extra cost. Doing regular curing for minimum 7 days. 4)The rate for scaffolding will be paid under respective item.</p>	500.00	Sqm
10	<p>Providing and applying one priming coat on old / new plastered surfaces over concrete / brickwork in sealed container ( The container to the open in presence of IIT representative) manufacturers specification up to any height, scrapping and cleaning the surface thoroughly with coir brush / wire brush, watering the surface etc. complete. Item also includes removing all vegetation growth with roots from wall / chajjas, repairing all minor cracks on wall / columns / chajjas etc with white cement / plaster of paris mixed with colour pigments as directed in uniform line level etc complete. Including Providing and applying two coats of Textured Exterior Paint of IITB approved as per manufacturer's specification on old or new plastered surface over concrete / brickwork as per manufacturer's specification and cleaning the surface thoroughly with coir brush, watering the surface etc. complete including using approved crack sealant for filing visible minor cracks, using cracks sealant XL or any other equivalent approved sealant.</p>	12,000.00	Sqm

11	Removing any kind debris including loading in truck and conveying to dumping point approved by BMC, unloading spreading etc, complete with all leads and lifts. 30% voids will be deducted in case of truck/stock measurements.(The debris material to be taken away and permission from the Executive Engineer(SWM) is required to be obtained for dumping the debris in MCGM approved dumping ground before commencement of work.	9.00	Cum
12	Providing and applying one coat of cement primer of approved manufacturer (Asian paints Decoprime wall primer or any other approved equivalent product of ICI or Goodlass Nerolac as directed by Engineer and as per manufacture specification including .Scrapping the old peeled off neeru finish /pop/ existing luster paint /concrete surface of ceiling /wall surface with sand paper and coating the surface with the use of step ladder etc, complete as directed.	5,000.00	Sqm
13	Providing and applying two coats of acrylic oil-bound distemper of approved quality colour and shade as per manufacture specification etc (Asian paints or any other approved product of ICI or Goodlass Nerolac on old/new surfaces including Scrapping the old peeled off neeru finish /pop/ existing luster paint /concrete surface of ceiling /wall surface with sand paper and coating the surface with mixture of whiting or glue and linseed oil including step ladder etc. complete.	5,000.00	Sqm
14	Providing and applying one priming coat to over steel and other metal surfaces etc including preparing the surface by thoroughly cleaning oil, grease, dirt, and other foreign matter with wire brushing, fine fire steel wool, and sand paper as per manufacture specification etc. Complete.	1,800.00	Sqm
15	Providing and applying one priming coat to wood and wood based surface etc including preparing the surface by thoroughly cleaning oil, grease, dirt, and other foreign matter with wire brushing, fine fire steel wool, and sand paper as per manufacture specification step ladder etc. Complete. (Note:- Contractors have to procure the paint materials in sealed containers. Containers will be opened in presence of IIT representative. Spilling over paint on other areas externally as well as internally such as wall, floor furniture's etc are not allowed. If it occurs, it has to be cleaned by contractors completely at his own cost.)	200.00	Sqm



16	Providing and applying two coats of synthetic enamel paint of approved colour to new/old structural steel work and wood work in buildings including as per manufacture specification step ladder if necessary, cleaning and preparing surfaces by solvent, degreasing and derusting by manual scrapping/mechanically cleaning/by chemical methods etc,complete. ( excluding primer coat)	2,000.00	Sqm
17	Rent charges for providing and fixing 6mm plywood to cover the window openings to prevent the debris from falling on ground during progress of work and keeping the same during taping loose/debonded plaster &removal of external plaster removing the same after the work is over etc. Complete (The elevational area of the covered portion shall be measured for payment. )	1,620.00	Sqm
18	Cutting, demarcating grooves at any height with electrically operated cutter machine between sound and unsound plaster, cracks on external wall, separation cracks etc. Complete.	200.00	Rmt
19	<p>Providing and filling separation crack of 75mm width and 25mm deep with polymer modified cementitious mortar.</p> <p>a) Demarcating groove, removing plaster / concrete carefully, washing with potable water.</p> <p>b) 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 cleaning, finishing to match the plaster in vicinity,, cleaning as directed etc. complete.</p> <p>c) Proportion</p> <p>d) Bond coat</p> <p>e) SBR polymer + cement in the ratio 1:1 by volume</p> <p>f) Polymer modified cementitious mortar</p> <p>g) SBR polymer 150ml.</p> <p>h) Cement 1 Kg.</p> <p>i) Silica sand 3.0 kg.</p> <p>(Note:-1) Demarcating groove, breaking plaster / concrete shall be paid under respective items).</p>	200.00	Rmt

20	Providing and applying two coats of exterior Acrylic exterior paint including exterior primer of approved colour and shade to the plastered surface as per manufacturers specification including preparing the surface, complete	18,000.00	Sqm
21	Providing erecting and dismantling (after completion of work) single bamboo scaffold with verticals @ 1.2 to 1.8m from outer face of bldg as directed by Engineer In Charge( for payment the scaffold height will be measured elevational area.	10,700.00	Sqm
22	Providing and applying acrylic synthetic plaster (Dura plaster) of IITB approved make manufacturer over existing cement plaster or concrete surface including removing existing paint/synthetic plaster to receive the acrylic synthetic plaster as per manufacturer specification Including all the necessary tools & plants,stepladder etc, complete all as directed by Engineer in charge.	500.00	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 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) 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.

*Ankur*  
30/01/2023  
Superintending Engineer (I/C)