



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.	Term Contract for repairs of peripheral boundary wall & fencing of Institute at various locations inside IIT Bombay Campus. EO/A/WORKSHOP/WKS-68/24-25	Rs.95,29,311/-	Rs.1,90,000/-	01 YEAR	610001836

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 13.08.2024 to 28.08.2024 till 11:15 a.m. Date of opening of **Technical Bid will be 28.08.2024 at 11.30 a.m. and and Financial Bid 04.09.2024 (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) 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 **2021-22, 2022-23 and 2023-24**.
- 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.1,90,000/-(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 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 shall be entertained before 24 hours of the Tender opening. Contractors are requested to upload their quotations in advance.

Superintending Engineer (I/C)

R. S. S. S.
12/08/2024
12/8

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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

File No. : EO/A/WORKSHOP/WKS-68/24-25

Name of Work : Term contract for repairs of peripheral boundary wall & fencing of Institute at various locations inside IITB Campus.

Name of the Contractor -----

Sr. No.	Name of Client	Name of Works	2021-22 (In Lakhs)	2022-2023 (In Lakhs)	2023-2024 (In Lakhs)	2024-2025 (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.

Superintending Engineer (I/C)

Handwritten signature and date: 12/08/2024

Signature of Contractor
Name & Address in full

WORKS UNDERTAKING

EO/A/WORKSHOP/WKS-68/24-25

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

Sub : Term contract for repairs of peripheral boundary wall & fencing of Institute at various locations inside IITB Campus.

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 01 Year 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, MAHARASHTRA - 400 076

EO/A/WORKSHOP/WKS-68/24-25

ESTATE OFFICE

Name of Work : Term contract for repairs of peripheral boundary wall & fencing of Institute at various locations inside IITB Campus.

Schedule of Work

Sr. No.	Description of work	Qty.	Unit
1	Removing existing G.I. Sheet / prelaminated sheet or any type of Fencing from the structural steel frame work for the purpose of repairing the boundary wall/fenced area including depositing the dismantled material at Estate Office or as directed by Engineer-in-charge all complete. (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap will be done @ Rs. 120 per kg and structural steel will be done @ Rs. 20 per kg from Item of work against actual weight if material taken outside campus)	2,000.00	m2
2	Pulling down stone masonry in cement mortar with plaster / pointing without dust nuisance including sorting out the stone chips and debris separately and stacking upto distance of 50 metres or spreading the debris as directed.	113.00	m3
3	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.	45.00	m3
4	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.	23.00	m3
5	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 metres or spreading the debris as directed.	52.00	m3
6	Removing soling without dust nuisance including sorting out the stone chips and debris separately and stacking upto distance of 50 metres as directed.	52.00	m3

7	Excavation for foundation, trenches, Roadway etc. in earth, soil of all types, sand, gravel, soft and hard murum, soft rock etc. including removing the excavated materials up to a distance of 50 meters beyond the site of work and lift up to 1.50 meters, stacking and spreading as directed preparing the bed for the foundation and necessary dewatering using pump, backfilling, ramming, watering, including shoring and strutting, providing necessary barricading around excavated area etc. complete.	150.00	m3
8	Laying dry trap / rubble stone soling of required thickness including hand packing and compacting etc. complete using IITB stone including trasporting stone from various locations from IIT campus to Paspoli area up to working site and cutting the stone in required size as per requirement.	52.00	m3
9	Providing and laying cement concrete 1:11/2: 3 (M-20) using sand as fine aggregate and graded stone aggregate 20mm maximum size for foundation, coping and bedding, levelling, dewatering by any means, compaction, shuttering, finishing curing including scaffolding etc. complete all as directed.	30.00	m3
10	Providing and laying in position Ready Mix/ site batched design mix M-25 (1:1:2) grade cement concrete for all work up to plinth 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.	30.00	m3
11	Providing and laying in position Ready Mix/ site batched design mix M-30 grade cement concrete for all work up to plinth 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.	2.00	m3
12	Providing and fixing in position tor steel TMT bar Fe 500 reinforcement of various diameters for R.C.C. beams, columns, chajjas, lintels, pardies, etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting including scaffolding as required complete.	2400.00	Kg

13	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Foundations, footings, bases of columns, coping, raft etc.	113.00	m2
14	Centering and shuttering including strutting, propping etc. and removal of form for all heights Lintels, beams, plinth beams, girders, bressumers and cantilevers	450.00	m2
15	Centering and shuttering including strutting, propping etc. and removal of form for all height:Columns, Pillars, Piers, Abutments, Posts and Struts	700.00	m2
16	Centering and shuttering including strutting, propping etc. and removal of form for all height: Suspended floors, roofs, landings, staircase waste slab, balconies, cantilever chajjas and access platform	50.00	m2
17	Providing and fixing G. I. chain link fencing 50mm x 50mm x 8 guage thick and of desired height for fencing including welding the chain link fencing with G.I. pipes or M.S. angle frames / flats, applying one coat of metal primer and two coats of synthetic enamel paint of approved colour / brand etc. complete.	900.00	m2
18	Providing and fixing 50mm x 50mmx 8 gauge crimped mesh by cutting, welding etc with applying one coat of primer and two coats of synthetic enamel paint etc all complete as directed by engineer in charge.	600.00	m2
19	Providing and fixing weld mesh of 25mm x 25mm (10 guage) to structural steel frame work as per existing pattern of detailed drawing or as directed one coat of primer and two coat synthetic enamel paint scaffolding etc complete.	300.00	m2
20	Providing and fixing G. I. Concertain barbed wire tape coil 600mm dia 12 gauge over the fencing on structural steel supporting frame work {structural steel required for this item will be paid separately} as per drawing and as directed at site in proper position with minimum 8 circular rings on 1 meter straight lenght, fixing with M.S. angle and flats as stated above, welding the angles, flats by welding/ nuts bolt clamps as necessary as per manufacturers specification including providing and fixing using staple clips, turn buckle and strengthening bolt, tying the coil with angle iron supports through out the length, scaffolding if required, tools plants etc. complete as directed.	300.00	Rmt

21	Providing and fabricating structural steel works in rolled sections like joists, channels, angles, tees, hollow sections and any other required sections etc. as per detailed designs & drawings for supports, rafters, purlins, railing, staircase and any other work including fixing in position with connecting plates, braces and welding, riveting, bolting as necessary including painting, scaffolding etc. complete.	6000.00	kg
22	Providing second class burnt brick masonry with IS approved quality well burnt bricks having crushing strength of 35 kg. / square cm. and maximum water absorption of 20% in cement mortar 1:6 in superstructure including striking joints, racking out joints, watering and scaffolding complete.	52.00	m3
23	Providing uncoursed rubble masonry (using IITB stones) of trap stones in cement mortar 1:6 (Cement:sand/grit) including racking out joints when plastering is to be done, striking out joints, watering and pointing with cement mortar 1:3 on outside exposed faces, including providing header stones @ 1 header per sqm. to the full thickness of wall, providing weep holes, with 100mm dia A. C. pipes including collecting and transporting stone stacked anywhere inside IIT B Campus including cutting stones/ boulders in piceses using mechanical/ manual means as per requirement, size, scaffolding etc. complete as directed.	113.00	m3
24	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.	600.00	m2
25	Providing and applying one coat of acrylic primer and two coats of pure Acrylic exterior paint of IITB approved brand on old or new plastered surface over concrete / brickwork as per manufacturer's specification including scaffolding and cleaning the surface thoroughly with coir brush, watering the surface etc. complete including covering the floor, window glass with plastic sheet and as directed by this office.	600.00	m2
26	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 including scaffolding etc.	200.00	m2
27	Providing and applying two coats of synthetic enamel paint of IITB approved brand and shade to wood and steel work including scaffolding Scraping, cleaning etc. complete.	200.00	m2

28	Providing and fixing colour coated Galvalume profile precoated sheet for horizontal/ vertical fencing having thickness 0.50mm TCT of Jindal Make with required colour along with necessary accessories like self drilling and tapping screws with weather cap with all leads and lift including scaffolding etc. complete as directed.	300.00	m2
29	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 meters lead etc. completed as directed. (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap will be done @ Rs. 120 per kg and structural steel will be done @ Rs. 20 per kg from Item of work against actual weight if material taken outside campus)	3050.00	kg
30	Refixing existing G.I. Sheet / prelaminated sheet or any type of fencing on the structural steel frame work for the purpose of repairing the existing eastern boundary wall/ any location in IITB including fixing in position with nut bolt arrangement, welding, riveting, bolting connecting plates, brasses Scaffolding upto required height, site welding etc complete as site through contractors own cost. (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap will be done @ Rs. 120 per kg and structural steel will be done @ Rs. 20 per kg from Item of work against actual weight if material taken outside campus)	100.00	m2
31	Providing and fixing G. I. chain link fencing 50mm x 50mm x 8 gauge thick and of desired height for fencing including welding the chain link fencing with G.I. pipes or M.S. angle frames / flats, applying one coat of metal primer and two coats of synthetic enamel paint of approved colour / brand etc. complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	50.00	m2
32	Providing and fixing 50mm x 50mm x 8 gauge crimped mesh by cutting, welding etc with applying one coat of primer and two coats of synthetic enamel paint etc all complete as directed by engineer in charge. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	50.00	m2
33	Providing and fixing weld mesh of 25mm x 25mm (10 gauge) to structural steel frame work as per existing pattern of detailed drawing or as directed one coat of primer and two coat synthetic enamel paint scaffolding etc complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	50.00	m2

34	Providing and fixing G. I. Concertain barbed wire tape coil 600mm dia 12 gauge over the fencing on structural steel supporting frame work {structural steel required for this item will be paid separately} as per drawing and as directed at site in proper position with minimum 8 circular rings on 1 meter straight lenght, fixing with M.S. angle and flats as stated above, welding the angles, flats by welding/nuts bolt clamps as necessary as per manufacturers specification including providing and fixing using staple clips, turn buckle and strengthening bolt, tying the coil with angle iron supports through out the length, scaffolding if required, tools plants etc. complete as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	50.00	Rmt
35	Providing and fabricating structural steel works in rolled sections like joists, channels, angles, tees, hollow sections and any other required sections etc. as per detailed designs & drawings for supports, rafters, purlins, railing, staircase and any other work including fixing in position with connecting plates, braces and welding, riveting, bolting as necessary including painting, scaffolding etc. complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	500.00	Kg
36	Providing and fixing in position tor steel TMT bar Fe 500 reinforcement of various diameters for R.C.C. beams, columns, chajjas, lintels, pardies, etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting including scaffolding as required complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	200.00	Kg
37	Removing existing G.I. Sheet / prelaminated sheet or any type of Fencing from the structural steel frame work for the purpose of repairing the boundary wall/fenced area including depositing the dismantled material at Estate Office or as directed by Engineer-in-charge all complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	200.00	m2
38	Pulling down stone masonry in cement mortar with plaster / pointing without dust nuisance including sorting out the stone chips and debris separately and stacking upto distance of 50 metres or spreading the debris as directed.Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	30.00	m3

39	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. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	12.00	m3
40	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. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	6.00	m3
41	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. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	6.00	m3
42	Removing soling without dust nuisance including sorting out the stone chips and debris separately and stacking upto distance of 50 metres as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	14.00	m3
43	Excavation for foundation, trenches, Roadway etc. in earth, soil of all types, sand, gravel, soft and hard murum, soft rock etc. including removing the excavated materials up to a distance of 50 meters beyond the site of work and lift up to 1.50 meters, stacking and spreading as directed preparing the bed for the foundation and necessary dewatering using pump, backfilling, ramming, watering, including shoring and strutting, providing necessary barricading around excavated area etc. complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	40.00	m3
44	Laying dry trap / rubble stone soling of required thickness including hand packing and compacting etc. complete using IITB stone including trasporting stone from various locations from IIT campus to Paspoli area up to working site and cutting the stone in required size as per requirement. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	14.00	m3

45	Providing and laying cement concrete 1:1 1/2: 3 (M-20) using sand as fine aggregate and graded stone aggregate 20mm maximum size for foundation, coping and bedding, levelling, dewatering by any means, compaction, shuttering, finishing curing including scaffolding etc. complete all as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	12.00	m3
46	Providing and laying in position site batched design mix M-25 (1:1:2) grade cement concrete for all work up to plinth 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. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	12.00	m3
47	Providing and laying in position site batched design mix M-30 grade cement concrete for all work up to plinth 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. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	3.00	m3
48	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Foundations, footings, bases of columns, coping, raft etc. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	30.00	m2
49	Centering and shuttering including strutting, propping etc. and removal of form for all heights Lintels, beams, plinth beams, girders, bressumers and cantilevers Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	80.00	m2

50	Centering and shuttering including strutting, propping etc. and removal of form for all height: Columns, Pillars, Piers, Abutments, Posts and Struts Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	350.00	m2
51	Centering and shuttering including strutting, propping etc. and removal of form for all height: Suspended floors, roofs, landings, staircase waste slab, balconies, cantilever chajjas and access platform. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	25.00	m2
52	Providing second class burnt brick masonry with IS approved quality well burnt bricks having crushing strength of 35 kg. / square cm. and maximum water absorption of 20% in cement mortar 1:6 in superstructure including striking joints, racking out joints, watering and scaffolding complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	10.00	m3
53	Providing uncoursed rubble masonry (using IITB stones) of trap stones in cement mortar 1:6 (Cement:sand/grit) including racking out joints when plastering is to be done, striking out joints, watering and pointing with cement mortar 1:3 on outside exposed faces, including providing header stones @ 1 header per sqm. to the full thickness of wall, providing weep holes, with 100mm dia A. C. pipes including collecting and transporting stone stacked anywhere inside IIT B Campus including cutting stones/ boulders in piceses using mechanical/ manual means as per requirement, size, scaffolding etc. complete as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	25.00	m3
54	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. . Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	120.00	m2
55	Providing and applying one coat of acrylic primer and two coats of pure Acrylic exterior paint of IITB approved brand on old or new plastered surface over concrete / brickwork as per manufacturer's specification including scaffolding and cleaning the surface thoroughly with coir brush, watering the surface etc. complete including covering the floor, window glass with plastic sheet and as directed by this office. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	120.00	m2

56	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 including scaffolding etc. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	100.00	m2
57	Providing and applying two coats of synthetic enamel paint of IITB approved brand and shade to wood and steel work including scaffolding Scrapping, cleaning, covering the floor, windows, instruments during painting etc. complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	100.00	m2
58	Providing and fixing colour coated Galvalume profile precoated sheet for horizontal/ vertical fencing having thickness 0.50mm TCT of Jindal Make with required colour along with necessary accessories like self drilling and tapping screws with weather cap with all leads and lift including scaffolding etc. complete as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	100.00	m2
59	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 meters lead etc. completed as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible. (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap will be done @ Rs. 120 per kg and structural steel will be done @ Rs. 20 per kg from Item of work againsts actual weight if material taken outside campus)	1600.00	kg
60	Refixing existing G.I. Sheet / prelaminated sheet or any type of fencing on the structural steel frame work for the purpose of repairing the existing eastern boundary wall/ any location in IITB including fixing in position with nut bolt arrangement, welding, riveting, bolting connecting plates, brasses Scaffolding upto required height, site welding etc complete as site through contractors own cost. (Recovery of wood scrap will be done @ Rs. 25 per kg, aluminium scrap will be done @ Rs. 120 per kg and structural steel will be done @ Rs. 20 per kg from Item of work againsts actual weight if material taken outside campus) Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	120.00	m2

61	Disposing debris, loose stones, boulders, concrete pieces broken etc. 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).	175.00	m3
62	Removing excavated earth or debris including loading in trucks and conveying to approved dumping point in IITB campus unloading spreading etc. complete. 30% voids will be deducted in case of truck measurement.	77.00	m3
63	Providing and fixing G. I. Concertain barbed wire tape coil 450mm dia 12 gauge over the fencing on structural steel supporting frame work {structural steel required for this item will be paid separately} as per drawing and as directed at site in proper position with minimum 8 circular rings on 1 meter straight lenght, fixing with M.S. angle and flats as stated above, welding the angles, flats by welding/ nuts bolt clamps as necessary as per manufacturers specification including providing and fixing using staple clips, turn buckle and strengthening bolt, tying the coil with angle iron supports through out the length, scaffolding if required, tools plants etc. complete as directed.	50.00	Rmt
64	Providing and fixing G. I. Concertain barbed wire tape coil 450mm dia 12 gauge over the fencing on structural steel supporting frame work {structural steel required for this item will be paid separately} as per drawing and as directed at site in proper position with minimum 8 circular rings on 1 meter straight lenght, fixing with M.S. angle and flats as stated above, welding the angles, flats by welding/ nuts bolt clamps as necessary as per manufacturers specification including providing and fixing using staple clips, turn buckle and strengthening bolt, tying the coil with angle iron supports through out the length, scaffolding if required, tools plants etc. complete as directed. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	25.00	Rmt
65	Providing and fixing G. I. chain link fencing 50mm x 50mm x 8 guage thick and of desired height for fencing supplied by IITB including welding the chain link fencing with G.I. pipes or M.S. angle frames / flats, applying one coat of metal primer and two coats of synthetic enamel paint of approved colour / brand etc. complete.	70.00	m2

66	Providing and fixing G. I. chain link fencing 50mm x 50mm x 8 guage thick and of desired height for fencing supplied by IITB including welding the chain link fencing with G.I. pipes or M.S. angle frames / flats, applying one coat of metal primer and two coats of synthetic enamel paint of approved colour / brand etc. complete. Note : This rate is applicable from rear side of vidya niwas upto hostel no. 12/13 and around coal dongri area where vehicular access is not possible.	30.00	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.

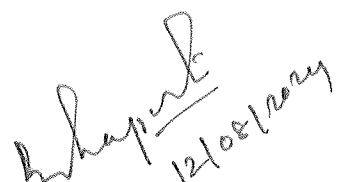
3) This work is to be executed as per the the clauses mentioned in the tender document signed by you. In addition to the existing safety clause of the tender document a penalty of Rs.5,000/- per case will be recovered from the bills of the particular works, in case any such safety violations are noticed.

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.


 Superintending Engineer (I/C)
