



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.	Annual maintenance Contract for Pumping Operation including Plumbing, Carpentry and Miscellaneous maintenance work at Hostel No.15, 16 and Hostel area. EO/A/HOSTEL/WKS-177/25-26	Rs.84,30,130/-	Rs.1,68,000/-	ONE YEAR	610002496

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 or mail us at srm@iitb.ac.in**

Date and time of submission of tender documents digitally are from 21.11.2025 to 10.12.2025 till 11:15 a.m. Date of opening of **Technical Bid will be 10.12.2025 at 11:30 a.m. and Financial Bid 17.12.2025 (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 50% 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 including 18% GST 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) / Mediclaim policy.
- 8) PAN card.
- 9) GST registration certificate.
- 10) Income Tax Return for last 03 years i.e. of **2022-23, 2023-24 and 2024-25**.
- 11) List of Equipment's, Machinery, Tools.
- 12) List of Technical Staff with copies of their Degree/diploma certificate.

- 13) 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.1,68,000/-(EMD amount) drawn in favour of "The Registrar, IIT Bombay" on online Tendering Portal.
- 14) Power of Attorney, if any.
- 15) 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.
- 16) **Litigation history** of the agency is required to be submitted along with the application. A tender would not be awarded if any inquiry proceeding / criminal case is found pending against the agency.
- 17) Index Sheet

Note:

Those contractors who do not have documents mentioned above from Sr. No. 1 to 17 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 4MB** 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 the estimate are based on CPWD SOR 2023, market rate & 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.

Contractors are strictly prohibited from engaging in any correspondence related to tender documents with anyone other than the Tender Section. Any violation will result in disqualification from all future tenders.

No queries will be entertained within 24 hours prior to the opening of the tender. We kindly request all contractors to upload their quotations well in advance of the submission deadline to ensure a smooth and timely process.

IIT Bombay reserves the right to request a detailed justification of the quoted rates from the lowest bidder, if deemed necessary by the Engineer-in-Charge. Should the justification provided by the bidder be considered unsatisfactory or unsubstantiated, the Engineer-in-Charge shall have full authority to reject the bid, irrespective of it being the lowest.

Superintending Engineer (I/C)

20/11/2023

29/11/2023

21/11/2023

TO BE UPLOADED ON SRM TENDERING PORTAL WITH FINANCIAL BID

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


File No. : EO/A/HOSTEL/WKS-177/25-26

Name of Work : Annual maintenance contract for Pumping Operation including Plumbing, Carpentry and Miscellaneous maintenance work at Hostel No. 15, 16 and Hostel area.

Name of the Contractor -----

Sr. No.	Name of Client	Name of Works	2022-23 (In Lakhs)	2023-2024 (In Lakhs)	2024-2025 (In Lakhs)	2025-2026 (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)


Signature of Contractor
Name & Address in full

WORKS UNDERTAKING

EO/A/HOSTEL/WKS-177/25-26

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

Sub : Annual maintenance Contract for Pumping Operation including Plumbing, Carpentry and Miscellaneous work at Hostel No.15,16 and Hostel 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 one year as mentioned in the notice inviting for short tenders.

The following information is required to be provided.

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.

	Male	Female
No. of Unskilled casual labour to be required per day.		
No. of Skilled casual labour to be required per day.		
Total Mandays required for completion of work.		

Thanking you,

Yours faithfully,

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

Name of Work :-Annual maintenance Contract for Pumping Operation including Plumbing, Carpentry and Miscellaneous maintenance work at Hostel No.15, 16 and Hostel area.

Schedule of work

Sr. No.	Description of work	Qty.	Unit
1 (a)	<p>Attending all the plumbing, carpentry and associated problems, complaints etc. in Hostel No.15, 16 and in any other Hostels / Buildings as directed by Engineer In-charge in case of emergency by engaging a group of Plumber and carpenter each with not less than 2 years experience in plumbing and carpentry work, helper for both plumber and carpenter for day regular shift duty with minimum knowledge in plumbing and carpentry work and a supervisor (preferably lady supervisor for Girls' Hostel) having knowledge of civil works & to supervise the maintenance & pumping operations.</p> <p>The Contractor should follow the Contract labour (Regulation & Abolition) Act.1970 and labourers are to be paid monthly payment by following all formalities under contract labour act 1970, Minimum wages Act, etc.</p> <p>Arrangements shall be made to attend all the complaints from Hostel management and students, attend all the works as instructed by Engineer In-charge or his representative.</p> <p>Also the supervisor has to do daily inspection of toilet blocks, Kitchen, Mess area, Pump house, plumbing duct, terrace, doors, windows, cupboards, cots any wooden, aluminium furniture work, carpentry related work etc. and to rectify the defects and deficiencies noticed and to make sure that the entire system is in clean and working condition.</p> <p>The scope of work includes all the plumbing and carpentry works, periodical inspection of buildings, clearing of blockages up to the 1st chamber out side the building, fixing of loose fittings and fixtures with new screws,nails and brackets, providing and fixing of new washers for defective bib taps, stopcocks, pillar taps, ball floats etc., and replacement of damaged fittings and fixtures supplied under Item No.2 or supplied by Institute, applying grey cement / white cement to fix jallis and filling cracks/opening etc. all complete as directed by Engineer In-charge.</p> <p>(i) The worker's pattern mentioned in this Item - 01 Plumber, 01 Carpenter and 01 Helper for each Plumber & Carpenter and 01 Supervisor in regular day shift (9.00 am to 6.00 pm) is to be deployed in all the 6 days of a week as and when required as per direction of Engineer In-charge.</p> <p>(ii) If any one of the five is absent in a day and no substitute is provided a penalty equal to 30% rate of this Item per day will be deducted from that day's payment and if any two of the five is absent in a day and no substitute is provided a penalty equal to 70% rate of this Item per day will be deducted from that day's payment and if any three out of the five is absent and no substitute is provided, a penalty equal to the full rate of this Item per day will be deducted against that day's payment.</p> <p>(iii) If all the five workers are absent in a day no payment will be given for that day and an additional penalty equal to 50% rate of this item will be recovered from the bill.</p>	317.00	Per Job
1 (b)	<p>Arranging operation and control of water pumps and water supply system of Hostel No.15 & 16 including switching on and off of pumping units, as and when required, controlling water levels of under ground as well as over head water tanks to avoid overflows, providing uninterrupted water supply to all wings of Hostel No.15 & 16 etc. by arranging one operator in morning shift (i.e. from 6.00 am. to 2.00 pm), one operator in afternoon shift (i.e. from 2.00 pm. to 10.00 pm) and one operator in night shift (i.e. from 10.00 pm to 6.00 am). Shift will be consist of 8 hours as directed by Engineer In-charge for controls and operations at ground level in and around pump house by one person and checking the overhead tank levels and controlling of all wings of Hostel No.15 & 16. The engagement and activities of 1 operator for period of 8 hours will be considered as one mandays for measurement of the item of work.</p>	1,095.00	Man days
1 (c)	<p>Arranging lifting and dropping of submersible pump from underground tank placing in position at pumphoom of Hostel No.15 & 16 and installation of pumps with necessary plumbing connections by arranging 6 labours, (4 positioned at top & 2 positioned at bottom) and coordinating the lifting & dropping process between labours at top & bottom . Lifting & dropping shall be manually by means of wire / rope/lifting-dropping equipments with necessary hooks without causing any damage to themselves, pumps, workmen, other structures etc and reporting the completion to the Engineer In-charge or his representative all complete as directed.</p>	6.00	per job
1 (d)	<p>Attending all the plumbing & carpentry related complaints during the admission time in Hostel No.15, 16 as directed by Engineer In-charge. The services should commence one month prior to the admission date and be completed atleast one week before admission begin.</p> <p>The work shall be carried out by engaging a carpenter and a plumber with not less than 2 years experience in their relevant field and helpers each for plumber & carpenter with minimum knowledge in plumbing & carpentry work for day regular shift duty. The Contractor should follow the Contract labour (Regulation & Abolition) Act.1970 and labourers are to be paid monthly payment by following all formalities under contract labour act 1970, Minimum wages Act, etc.</p> <p>The scope of work includes inspect all plumbing fixtures, including all toilet blocks, Kitchen, Mess area, Pump house, plumbing duct, terrace, doors, windows, cupboards, cots any wooden, aluminium furniture work, carpentry related work etc. and to rectify the defects and deficiencies noticed and to make sure that the entire system is in clean and working condition.</p> <p>(i) The worker's pattern mentioned in this Item - 01 Plumber, 01 Carpenter and 01 Helper for each Plumber & Carpenter in regular day shift (9.00 am to 6.00 pm) is to be deployed in all the 6 days of a week as and when required as per direction of Engineer In-charge.</p> <p>(ii) If any one of the four is absent in a day and no substitute is provided a penalty equal to 50% rate of this Item per day will be deducted from that day's payment and if any two out of the four is absent and no substitute is provided, a penalty equal to the full rate of this item per day will be deducted against that day's payment.</p> <p>(iii) If all the four workers are absent in a day no payment will be given for that day and an additional penalty equal to 50% rate of this Item will be recovered from the bill.</p>	23.00	Man days

1 (e)	Attending all the masonry related complaints in Hostel No. 15 & 16 or as directed by Engineer In-charge by engaging a mason or a group of masons with not less than 2 years experience in masonry work with their helpers having minimum knowledge in masonry works to assist the mason to be deployed as and when required, as per direction of Engineer In-charge. The Contractor should follow the Contract labour (Regulation & Abolition) Act.1970 and labourers are to be paid monthly payment by following all formalities under contract labour act 1970, Minimum wages Act, etc. The scope of work includes fixing/replacing floor tiles, skirting, dado tiles, filling joints, breaking works, any type of masonry works, attending seepage/leakages by grouting, other minor masonry repairs, finishing, rectification works as per site requirements etc all complete as directed by Engineer In-charge. Note: Penalty equal to 50% rate of this item will be deducted, if no helper is provided.	90.00	Man days
2	Supplying of the following materials as and when required and for installing / fixing through the team available as per Item No.1. Note :- Brands of material as per attached list and as directed by Estate Office. (Recovery for scrap materials will be done at 5% of the amount of respective item).		
a	Back Seat for European W.C. 19" x 14" x 16" (height)	150	Nos.
b	Ball Cock (50 mm dia and PVC float)	10	Nos.
c	Ball Cock (40 mm dia and PVC float)	5	Nos.
d	Ball Cock (25 mm dia and PVC float)	20	Nos.
e	Ball valve (50 mm dia)	10	Nos.
f	Ball valve (25 mm dia)	20	Nos.
g	Ball valve (15 mm dia)	20	Nos.
h	CP Bib Tap 15mm (Jaquar make)	30	Nos.
i	CP Bib Tap 15mm (Seiko/Techno make)	30	Nos.
j	CP Stop cock 15mm (Jaquar make)	10	Nos.
k	CP Stop cock 15mm (Seiko/Techno make)	10	Nos.
l	CP brass Stop cock concealed (15mm) (Jaquar make)	10	No.
m	CP Pillar tap 15mm (Jaquar make)	120	Nos.
n	Angle cock (Jaquar make)	85	Nos.
o	Two Way Bib Tap (Seiko)	30	Nos.
p	CP Bottle Trap (Jaquar make)	20	Nos.
q	PVC Bottle Trap 32 mm	80	Nos.
r	PVC waste pipe	60	Nos.
s	CI Cover with frame (Gully trap)	15	Nos.
t	CI Trap grating 15 x 10 cm	20	Nos.
u	CI Pipe 150 mm dia	10.00	Rmt
v	CI Pipe 100 mm dia	20.00	Rmt
w	CI Pipe 75/80 mm dia	20.00	Rmt
x	CI Nahani Trap 100 mm dia	20	Nos.
y	PVC Nahni Trap 100 mm dia	20	Nos.
z	PVC Pipe 150 mm dia	50.00	Rmt
aa	PVC Pipe 110 mm dia	50.00	Rmt
ab	PVC Pipe 75 mm dia	50.00	Rmt
ac	PVC Pipe 50 mm dia	50.00	Rmt
ad	PVC Pipe 40 mm dia	50.00	Rmt
ae	Cement	10.00	Bag
af	White Cement	200.00	Kg
ag	Chromium plated aluminum towel rod (16mm dia. 750 mm long)	10.00	Nos.
ah	G. I. Clamp 20mm	30.00	Nos.
ai	GI Pipe 15 mm dia	100.00	Rmt
aj	GI Pipe 20 mm dia	50.00	Rmt
ak	GI Pipe 25 mm dia	50.00	Rmt
al	GI Pipe 32 mm dia	50.00	Rmt
am	GI Pipe 40 mm dia	20.00	Rmt

an	GI Pipe 50 mm dia	20.00	Rmt
ao	GI Pipe 65 mm dia	10.00	Rmt
ap	GI Union 15 mm	12	Nos.
aq	GI Union 20 mm	12	Nos.
ar	GI Union 25 mm	10	Nos.
as	GI Union 32 mm	10	Nos.
at	GI Union 40 mm	10	Nos.
au	GI Union 50 mm	10	Nos.
av	GI Union 65 mm	10	Nos.
aw	GI Coupling 15 mm	10	Nos.
ax	GI Coupling 25 mm	10	Nos.
ay	GI Coupling 50 mm	10	Nos.
az	GI Elbow 15 mm	30	Nos.
ba	GI Elbow 20 mm	10	Nos.
bb	GI Elbow 25 mm	10	Nos.
bc	GI Elbow 50 mm	10	Nos.
bd	GI Elbow 65 mm	10	Nos.
be	GI Nipple 50 mm	10	Nos.
bf	GI Nipple 65 mm	10	Nos.
bg	GI Tees 15 mm	10	Nos.
bh	GI Tees 20 mm	10	Nos.
bi	GI Tees 25 mm	10	Nos.
bj	GI Tees 50 mm	10	Nos.
bk	GI Tees 65 mm	10	Nos.
bl	CPVC 15mm pipe	30.00	Rmt
bm	CPVC 20mm pipe	30.00	Rmt
bn	CPVC 25mm pipe	30.00	Rmt
bo	Gun Metal Stop cock 15 mm	10	Nos.
bp	Gun Metal Stop Cock 20 mm	5	Nos.
bq	Wheel Stop Tap Gun Metal 25mm	5	Nos.
br	Wheel Stop Tap Gun Metal 40mm	4	Nos.
bs	Wheel Stop Tap Gun Metal 50mm	4	Nos.
bt	Wheel Stop Tap Gun Metal 65mm	4	Nos.
bu	Non Return Valve 65mm	2	Nos.
bv	Mirror of superior make glass	50.00	Sqm
bw	PVC "YY" Junction 110 mm	3	Nos.
bx	PVC "YY" Junction 75 mm	3	Nos.
by	PVC slotted Cowl 75mm	2	Nos.
bz	PVC Socket and Coupling 110mm	2	Nos.
ca	PVC Socket and Coupling 75mm	2	Nos.
cb	Salt glazed S. W. gully trap	5.00	Nos.
cc	Socket for 12/15 mm tap	3.00	Nos.
cd	Socket for 20/25 mm tap	3.00	Nos.
ce	Socket for 32 mm tap	3.00	Nos.
cf	Socket for 40 mm tap	3.00	Nos.
cg	Socket for 50 mm tap	3.00	Nos.
ch	Spun Yarn	10.00	Kg.
ci	Stainless Steel Sink 610 x 460 mm & 200 mm depth	1	Nos.
cj	Flush Tank 10 Ltr with Accessories (Parryware / Flush line or approved make)	60	Nos.

ck	Wash Basin White Glazed 550 x 430 mm (Jaquar/Parryware/approved make)	20	Nos.
cl	WC Pan white glazed 23" (Orisa) (Cera/Parryware/approved make)	10	Nos.
cm	WC Pan White Glazed 580 mm European type with P/S trap (Cera/Parryware/approved make)	10	Nos.
cn	White glazed half stall urinal (Cera/American standard/Parryware/approved make)	10	Nos.
co	C.P Spreader (For gents Urinal)	20	Nos.
cp	Push cock for urinals(Jaguar make)	30	Nos.
cq	Double Nipple for Urinal	20	Nos.
cr	SS Connector pipe	20	Nos.
cs	Teflon tape	100	Nos.
ct	Cap washer for connector	20	Nos.
cu	Jet Spray / Hand Spray (Jaquar/approved make)	200	Nos.
cv	Jet Spray Pipe connection- 1 meter long	200	Nos.
cw	CP Jet Spray / Hand Spray Stand	200	Nos.
cx	Waste coupling – 32mm dia full threaded	50	Nos.
cy	Waste coupling – 40mm dia full threaded	20	Nos.
cz	PVC Connection pipe 15mm dia- for wash basin	100	Nos.
da	PVC Connection pipe 15mm dia- for flush tank	100	Nos.
db	Stainless Steel Jali 4" for nahani trap with / without hole	160	Nos.
dc	Sink cock for mess (Seiko make)	5	Nos.
dd	Shower Arm	20	Nos.
de	Shower rose 100 mm dia	20	Nos.
df	Flush Tank washer	50	Nos.
dg	Flush button set for flush tank	50	Nos.
dh	Aluminum Window Z-handle	50	Nos.
di	Brass handle 75mm	50	Nos.
dj	Brass handle 125mm	50	Nos.
dk	D' Type handle 125mm	10	Nos.
dl	D' Type handle 150mm	10	Nos.
dm	SS handle 125mm	10	Nos.
dn	SS Aldrop 250mm	50	Nos.
do	SS Sliding latch /tadi 250mm long	10	Nos.
dp	Hasp & staple 115mm	20	Nos.
dq	Hasp & staple 90mm	20	Nos.
dr	Aluminum tower bolt 75mm	50	Nos.
ds	Aluminum tower bolt 100mm	50	Nos.
dt	SS Tower bolt 200 mm	50	Nos.
du	Tower bolt 100mm brass oxidized	60	Nos.
dv	Tower bolt 150mm brass oxidized	50	Nos.
dw	Tower bolt 200mm brass oxidized	100	Nos.
dx	Brass Butt Hinges heavy type 75mm	50	Nos.
dy	Brass Butt Hinges heavy type 100mm	50	Nos.
dz	Brass Butt Hinges heavy type 125mm	150	Nos.
ea	SS Butt Hinges 75 mm	50	Nos.
eb	SS Butt Hinges 100 mm	50	Nos.
ec	Kaichi Hinges (Albihari make) 255 mm	10	Nos.
ed	Kaichi Hinges (Albihari make) 355 mm	10	Nos.
ee	Kaichi Hinges (Albihari make) 457mm	10	Nos.
ef	Hyper hydraulic door closer (ISI Mark)	20	Nos.

eg	Capsule door closer	20	Nos.
eh	Fevicol	5.00	Kg.
ei	Glass 5mm thick (Plain)	20.00	Sqm
ej	Glass 5 mm thick (Bajri)	20.00	Sqm
ek	6 mm toughened glass	5.00	Sqm
el	12 mm toughened glass	5.00	Sqm
em	3mm acrylic sheet	5.00	Sqm
en	5mm acrylic opaque sheet	5.00	Sqm
eo	6mm acrylic opaque sheet	5.00	Sqm
ep	5mm acrylic plain sheet	5.00	Sqm
eq	Godrej Night latch	10	Nos.
er	Concealed Lock	10	Nos.
es	Aluminum sliding window lock (Starlock)	50	Nos
et	Lock for glass door	2	Nos.
eu	Crescent Lock	20	Nos.
ev	SS fly proof mesh	300.00	Sqm
ew	Bib cock with head adapter for washing machine	20	Nos.
ex	PVC bearing	50	Nos.
ey	Rubber gasket (EPDM gasket)	50.00	Rmt
ez	PVC lining	10.00	Rmt
fa	Aluminum decorative grill	20.00	Sqm
fb	ACP sheet 4mm thick	10.00	Sqm
fc	1 mm Sunmica sheet (white)	10.00	Sqm
fd	1 mm Sunmica sheet (designer)	10.00	Sqm
fe	Marine ply wood 4mm thick	20.00	Sqm
ff	Marine ply wood 6mm thick	20.00	Sqm
fg	Marine ply wood 8mm thick	20.00	Sqm
fh	Marine ply wood 12mm thick	20.00	Sqm
fi	Marine ply wood 18mm thick	50.00	Sqm
fj	Teak wood Beading Patti (35mm)	20.00	Rmt
fk	SS door stopper with rubber peg	20	Nos
fl	Anchor fastener 10mm x 100mm	30	Nos.
fm	Hook for fan	10	Nos.
fn	M-seal	3.00	Kg
fo	Holdtite-sealant	1.00	Kg
fp	Floor spring for glass door upto 150kg	2	Nos.
fq	SS 304 Cockroach Trap	30	Nos.
fr	HDPE Garden Net	10.00	Sqm
fs	Bricks	100	Nos.
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 by Engineer In-charge.	10.00	Cum
4	Providing & laying dry trap / rubble stone soling of required thickness including hand packing and compacting in proper level etc. all complete as directed by Engineer In-Charge.	2.00	Cum
5	Removing the old & damaged cement concrete or any type of tiles / china mosaic tiles from floor / terrace / wall carefully including levelling the surface, cleaning the site & stacking the debris at suitable location for taking out side IIT campus including scaffolding etc all complete as directed by Engineer In-charge.	150.00	Sqm

6	Dismantling plain cement concrete work including breaking concrete by chiseling, wedging etc., including covering area with jute kantan to avoid spreading of dust etc., and stacking the same at suitable locations for taking away out of IIT campus etc. all complete as directed by Engineer In-Charge.	2.00	Cum
7	Dismantling Reinforced cement concrete work including breaking concrete by chiseling, wedging including covering area with jute kantan to avoid spreading of dust etc., stacking the debris upto a distance of 50 metres or stacking at suitable location for taking outside IIT campus etc. all complete as directed by Engineer In-Charge.	2.00	Cum
8	Removing the existing loose and damaged brickbat coba waterproofing treatment from toilet block/terrace/balcony up to any thickness with out making any damages to the roof slab with the use of sharp chisels, levelling and cleaning the roof surface for providing new specialised waterproofing treatment, lowering down debris without causing dust nuisance and stacking the debris upto a distance at suitable location etc. all complete as directed by Engineer In-charge.	5.00	Cum
9	Carefully removing the internal /external cement plaster or top of concrete surface of any thickness and at any height covering with plastic/tarpaulin for floor wherever required without causing dust nuisance and stacking the debris up to a distance of 50 metre or at suitable location to take away out of IIT campus and cleaning the site etc. all complete as directed by Engineer In-Charge.	50.00	Sqm
10	Pulling down burnt brick masonry/block masonry (in cement mortar) including lowering down debris, sorting out serviceable bricks/blocks and stacking the same at suitable locations in the building premises for taking away out of IIT campus etc. all complete as directed by Engineer In-Charge.	3.00	Cum
11	Providing and laying in situ plain cement concrete 1:1 ½ :3 (M-20) of trap metal for foundation and bedding including bailing out water manually, formwork, compacting and curing etc all complete as directed by Engineer In-charge.	10.00	Cum
12	Drilling straight and inclined holes upto 300mm depth and upto 20mm dia in concrete / masonry using electrically operated drilling machine and fixing PVC nipple for grouting, conducting water test, etc. all complete as directed by Engineer In-Charge.	100.00	Nos
13	Grouting existing RCC structural members & tile work as per following operations, sealing leak paths with cement mortar & polymer, fixing of nipple, plugging the hole with neat cement paste by ram packing, cleaning etc all complete as directed by Engineer In-Charge. 1) Add Sunflex powder 1.00 kg in one bag of cement of 50 kg with adequate water. 2) Using mechanical means of pressure grouting with the above mix. The pressure shall be 5-10 psi. 3) The grouting to be done into the cracks of ceiling , walls , columns, & beam junctions wherever required. 4) After through grouting sealing the holes with cement slurry.	200.00	Kg
14	Drilling straight & inclined holes of 12-14mm dia and upto required depth in concrete/walls/floors for PU resin injection, including cleaning the surface, fixing of injection packers, and making the surface ready for grouting, including necessary working platform stepladder etc. All complete as directed by Engineer In-charge.	50.00	Nos
15	Injection grouting of cracks, joints, & leakages in walls/floors using single/two component polyurethane (PU) resin of approved make including cleaning the surfaces, fixing of injection packers, grouting with PU resin under controlled pressure, allowing the foam to set, removal of packers, sealing of holes with epoxy polymer modified mortar & cleaning & prepare the surface for finishing including necessary working platform stepladder etc all complete as directed by Engineer In-charge.	20.00	Kg
16	Providing second class burnt brick masonry with IS approved quality well burnt bricks in cement mortar 1:4 in half brick thick wall including providing RCC patli M-20 concrete (1:1½:3), 100mm x 100mm to the full length of wall at every one meter height, using two numbers 8mm dia tor steel reinforcement, scaffolding, raking out joints, watering and working platform etc. all complete as directed by Engineer In-charge.	20.00	Sqm
17	Providing second class burnt brick masonry with best available approved quality well burnt bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and working platform etc. all complete as directed by Engineer In-charge.	2.00	Cum
18	Providing and applying external waterproof plaster using factory made ready mix polymer cement mortar plaster. I) Providing and rendering the prepared surfaces with new sand faced cement plaster of minimum 25mm thick in two coats by using factory made ready mix polymer modified cement plaster waterproof plaster of approved make (M/s Wall Plast, M/s Fare-Matt, Damani) or any other approved brand. II) The base coat of minimum 12-15mm thick using above ready mixed polymer modified mortar plaster to proper plumb level & line including making the plaster surface rough (all as per the manufacturer's specifications) to receive the top finish coat. III) Applying top/finish coat plaster of minimum 10-12mm thickness with similar ready mix polymer cement mortar plaster finishing in perfect plumb, line & level so as to obtain fine sand grain finish by using branded approved variety sponge or using mechanised 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.. etc all complete as directed by Engineer In-Charge.	50.00	Sqm
19	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces in all positions including curing, with use of working platform/ step ladder etc. all complete as directed by Engineer In-charge.	50.00	Sqm

20	Providing cement plaster 20mm thick in a single coat in cement mortar 1:4 to concrete or brick surfaces in all positions including curing, with use of working platform/ step ladder etc. all complete as directed by Engineer In-charge.	50.00	Sqm
21	Providing & laying cement based water proofing treatment to terrace / toilet block as required brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in CM 1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer 3 days, applying cement slurry over this layer joints of brick bats with C.M. 1:3 admixed with approved water proofing compound and finally top finishing with average 20mm thick layer of same mortar finishing the surface smooth with cement slurry admixed with approved water proofing compound including all leads, lifts, curing etc. Covering 10 years' guarantee on requisite (Rs-500/-) non-judicial stamp paper etc. all complete as directed by Engineer In-charge.	5.00	Cum
22	Providing waterproof bedding for flooring of bath and W.C. 25mm thick in cement mortar 1:3 using waterproofing compound 2% by weight of cement including leveling, curing etc. all complete as directed by Engineer In-charge.	25.00	Sqm
23	Providing waterproof plaster in w. c. and bath 12mm thick for dado in cement mortar 1:3 with neat finishing, flooring using waterproofing compound at the rate of 2% by weight of cement etc. all complete as directed by Engineer In-charge.	50.00	Sqm
24	Providing and laying water proofing cement concrete flooring to terrace to average 50mm thick with 1:2:3 cement concrete laid to proper level and slope using river sand including compaction, filling joints, adding recommended waterproofing admixtures @ 2% by weight of cement, finishing the top surfaces with broken china mosaic (broken piece of glazed tiled) of approved colour & pattern including neat cement float, testing the roof by ponding with water for 14 days, providing waterproofing guarantee / warranty for 5 years on requisite (Rs-500/-) non-judicial stamp paper etc. all complete as directed by Engineer Incharge.	10.00	Sqm
25	Providing and laying cement concrete flooring 1:2:4, 40mm thick with 20mm nominal size stone aggregate finished with a floating coat of neat cement including cement slurry, curing etc. all complete as directed by Engineer In-charge.	10.00	Sqm
26	Providing and fixing coloured ceramic wall tiles of size as per existing pattern or as directed by Engineer in-charge and of approved brand having thickness not less than 5mm for dado and skirting in required position including plastering of required thickness in CM 1:4, filling joints with neat cement slurry mixed with pigment to match the colour of tiles, curing, rubbing and cleaning etc. all complete as directed by Engineer In-charge.	100.00	Sqm
27	Providing and laying approved non skid coloured ceramic floor tiles of size as per existing pattern or as directed by Engineer in-charge having thickness not less than 5mm in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints with neat cement slurry mixed with approved shade of pigment to match the colour of tiles, curing and cleaning etc. all complete as directed by Engineer In-charge.	50.00	Sqm
28	Providing and laying non skid vitrified floor tiles of size 600mm X 600mm or as per existing pattern or as directed by Engineer in-charge having thickness not less than 8mm of approved make, shade and pattern and having water absorption between 0.08% to 2.5% for flooring / skirting in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints with neat cement slurry mixed with approved shade pigment to match colour of tiles, curing & cleaning all complete as directed by Engineer In-charge.	60.00	Sqm
29	Providing and laying polished Kotah stone slab not less than 25mm thickness of required size & pattern on a bed of 1:4 cement mortar or 20 mm thick plaster of cement mortar 1:3 including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. all complete as directed by Engineer In-charge.	60.00	Sqm
30	Providing and laying granite slabs not less than 16 mm thick of approved shade, colour, & texture for steps, ramps, window sills & other similar locations of required size on a bed of 1:4 cement mortar including rounding / moulding, polishing, filling joints with white / coloured cement to match colour of tiles, curing polishing etc all complete as directed by Engineer In-charge.	50.00	Sqm
31	Providing and laying Kadappa stone slab for kitchen platform/cupboard shelves/framework of approved type and design not less than 25mm thick in cement mortar 1:4 including filling joints, curing, cleaning etc. all complete as directed by Engineer In-Charge.	10.00	Sqm
32	Taking out existing CC interlocking paver blocks from parking area, footpath, central verge etc. including removal of rubbish, disposal of unserviceable material upto 50 mtr distance. Stacking of serviceable material at suitable location as directed etc all complete as directed by Engineer In-Charge	50.00	Sqm

33	Providing and laying factory made chamfered edge Cement Concrete paver blocks in foot path, driveway & traffic parking etc. of any colour & 80mm thick of M-30 grade, approved design & pattern laid in required pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, all complete as per manufacturer's specifications & direction of Engineer In-Charge.	10.00	Sqm
34	Relaying old available paver blocks in specified pattern for floor and steps etc. including 50mm thick compacted bed of crushed sand in specified decorative designs with blocks of available colour and pattern including filling the joints with crushed sand, compacting blocks with mechanical means after laying and cleaning including shifting within campus etc. all complete as directed by Engineer In-charge.	50.00	Sqm
35	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 including necessary stepladder/MS H frame scaffolding etc. all complete as directed by Engineer In-charge.	500.00	Kg
36	Providing and fixing stainless steel (Grade 304) railing/door/gate made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement etc. all complete as directed by Engineer-In-Charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	100.00	Kg
37	Providing, fabricating & fixing Stainless Steel (Grade 304) perforated jali for kitchen drain as per required size and required design as per site requirements including fixing in position and welding as necessary as per site requirement etc. all complete as directed by Engineer In-charge.(Note :-Weight of jali should not be less than 3.20 kg per sqm).	10.00	Sqm
38	Providing & fixing stainless steel (Grade 304) Corner Guards for edge protection in tiles, walls, columns etc of size 50mm x 50 mm x 1mm thick or as per required size & length including fixing in position as per site requirements including all necessary fitting & fixtures all complete as directed by Engineer In-charge.	50.00	Rmt
39	Providing temporary steel supports such as tubular steel props 50mm dia, as required for supporting system till the repaired work of the beam, column, slab, chajja, etc. work completed in all respects as directed and when required in any floor of any height inside and outside of the building and removing the supporting system as directed without damaging the structure etc all complete as directed by Engineer In-charge.	10.00	No.
40	Providing and fixing mild steel grill work of required pattern for windows, open area, etc. With M.S angles, flats, square or round bars and doors in M.S. grill weighing 15 kg per sqm as per drawing including fixtures, necessary welding and painting with one coat of anti-corrosive paint and two coats of synthetic enamel paint and working platform/scaffolding wherever required, etc. all complete as directed by Engineer-In-Charge.	50.00	Sqm
41	Add for extra weight or deduct for less weight over item no. 42 for fabricating such as cutting, shaping, riveting etc. mild steel for grill works including welding and painting with one coat of primer and two coats of synthetic enamel paint of approved shade and working platform/scaffolding wherever required, etc. all complete as directed by Engineer-In-Charge.	250.00	Kg
42	Providing and fixing in position three track aluminium sliding windows using sections of size 92 mm x 31mm x 1.3 mm thick for bottom, sides and top. The shutter comprising of bottom and top member of size 40 mm x18 mm x 1.29 mm thick , interlocking section of size 40 mm x 18 mm x 1.00 mm thick and handle section of size 40mm x 18 mm x 1.29 mm thick including providing and fixing 5 mm thk. tinted / plain glass in two shutters and aluminum mosquito net in one shutter using rubber gasket, approved quality minimum two nos.PVC rollers for each shutter, necessary locks, handles, PVC lining and other required fittings,pump filled structural silicon sealant & hardware, making window watertight, provision for fixing A.C. units (if required) etc. all complete as directed by Engineer In-charge.(Note: All aluminium sections and fitting are 15 micron anodized/ powder coated).	30.00	Sqm
43	Providing and fixing in position shutter in sliding window using aluminium section for bottom and top member of size 40 mm x18 mm x 1.29 mm thick , interlocking section of size 40 mm x 18 mm x 1.00 mm thick and handle section of size 40mm x 18 mm x 1.29 mm thick including providing and fixing 304 grade stainless steel mosquito proof mesh in the shutter using approved quality minimum two nos.PVC rollers, necessary locks, handles and other required fittings, making shutter removable as and when require etc. complete as directed by Engineer in charge.(Note: All aluminium sections and fitting are 15 micron anodized/ powder coated).	10.00	Sqm
44	Providing and fixing 15 micron anodized/ powder coated aluminium section for door frame, windows, partitions and any other required work etc. of required size including fixing with required fittings such as screws and other required fittings including fixing in proper alignment, rectifying all damaged, P/F wood inside frame for fixing hinges etc. all complete as directed by Engineer In-charge.	25.00	Kg

45	Providing and fixing aluminium louvered ventilators using 50mm x 25mm x 16 gauge (not less than 0.593 kg/mtr) aluminium box frame anodized to 15 microns / powder coated for outer frame and intermediate vertical members as directed including 5mm thick plain or frosted glass 125mm wide for louvers at proper inclination including P/F glass on adjustable aluminium louvered of approved size and making provision of fixing exhaust fan etc. all complete as directed by Engineer In-charge.	10.00	Sqm
46	Providing, making and fixing fully opaque aluminium partition using 63mm x 38mm x 1.65mm (not less than 0.942kg/mtr) 15 micron / powder coated anodized aluminium single groove partition section and 63mm x 38mm x 1.53mm (not less than 0.942kg/mtr) 15 micron / powder coated anodized aluminium double groove partition section for frame, providing and fixing 4mm thick both side colour and designer aluminium composite sheet of approved make of approved colour/ as directed by Engineer In-Charge fixed with glazing clips, rubber gasket etc. all complete as directed by Engineer In-charge.	10.00	Sqm
47	Providing and applying Silicone sealants of 3M India Pvt. Ltd. brand around window frames / window frame joints and drilling holes for water outlet when the rain water on the glass fall into the channel and overflows wherever required including necessary etc. all complete as directed by Engineer Incharge.	50.00	Rmt
48	Providing and fixing 20mm thick cement bonded wood particle board (bison panel) for chajja, ceiling, staircase at any floor, providing suitable hole for fixing nuts and bolts including making suitable groove on walls, making vata at joint, P/F sheet in proper slope including working platform wherever required etc. all complete as directed by Engineer-In-Charge.	10.00	Sqm
49	Providing and applying one priming coat of IITB approved brand, to wood work and steel works, including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering etc. with the use of stepladder/working platform etc all complete as directed by Engineer In-charge. (Make: Asian/ Berger/ Nerolac/ Dulux)	200.00	Sqm
50	Providing and applying two coats of synthetic enamel paint of approved colour and shade to old/new wood work and structural steel works with the use of working platform/stepladder wherever required, cleaning and preparing surfaces by solvent, degreasing and derusting by manual scrapping, etc. all complete as directed by Engineer In-charge. (Make: Asian/ Berger/ Nerolac/ Dulux)	200.00	Sqm
51	Providing and applying one coat of acrylic primer and two coats of exterior acrylic paint of approved colour & shade and as per manufacturer's specification on old/new plastered surface over concrete / brickwork as per manufacturer's specification including working platform/ step ladder and cleaning the surface thoroughly with coir brush/water jet, , filling the cracks using appropriate exterior putty, watering the surface etc. complete including covering the floor, window glass with plastic sheet etc all complete as directed by Engineer In-charge. (Make : Berger (Weathercoat), Asian (Ultima), Nerolac (Excel total)).	100.00	Sqm
52	Providing and applying white cement based Birla make wall care putty with uniform thickness over the existing internal cement plaster in proper line / level including preparing the wall surface for the application of wall care putty and working platform/stepladder, covering the floor, window glass with plastic sheet and cleaning etc. all complete as directed by Engineer In-charge.	100.00	Sqm
53	Providing and applying one coat of seal cement primer IITB approved brand, cleaning the surface including covering the floor, window glass with plastic sheet, scrapping the surface, removing nails, socket holes, levelling the entire surface with lambi / palti with the use of working platform/stepladder, removing stains from floor after completion of work etc. all complete as directed by Engineer In-charge. (Make: Asian/Berger/Nerolac/Dulux)	500.00	Sqm
54	Providing and applying roller finish Acrylic plastic emulsion paint (one coat) of approved colour and shade to old / new ceiling & wall surfaces with uniform finish with the use of working platform/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 by Engineer In-Charge. (Asian/Berger/Nerolac/Dulux)	500.00	Sqm
55	Providing and applying roller finish Acrylic plastic emulsion paint (two coat) of approved colour and shade to old / new ceiling & wall surfaces in two coat with uniform finish with the use of working platform/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 by Engineer In-Charge. (Asian/Berger/Nerolac/Dulux)	500.00	Sqm
56	Providing and applying Acrylic oil bound distemper (two coat) of IITB approved manufacturer and of desired colour and shade to old / new surfaces including scaffolding, preparing the surfaces (excluding priming coat) etc. all complete as directed by Engineer Incharge. (Asian/Berger/Nerolac/Dulux)	500.00	Sqm

57	Providing and applying one or more coat of Dr. Fixit Raincoat Universal Base Coat over plaster, masonry or RCC surface of any height without any dilution at a spreading rate of 3.5 -4.0 sq mtr per litre to achieve about 120-150 microns DFT as per manufacturer specification including preparing the surface by thoroughly cleaning laitance, loose material, oil, grease and other foreign matter with wire brush and vacuum cleaning or jet cleaning, filling the cracks using appropriate exterior putty with use of stepladder/ working platform and covering the floor and wall, window glass with plastic sheet during work and cleaning after work etc. all complete as directed by Engineer In-charge.(For vertical surface)	200.00	Sqm
58	Providing and applying one or more coat with uniform finish of Dr. Fixit Raincoat select Top coat to be apply with interval of 6-8 hours without any dilution at spreading rate of 6.5 sq mtr per litre to achieve about 60 microns DFT. Achieving total DFT of 180 to 210 microns same as existing colour/shade as per manufacturer's specification on plastered surface over concrete / brickwork of any height with use of stepladder/ working platform including cleaning the surface thoroughly, watering the surface etc. Complete including covering the floor and wall, window glass with plastic sheet and cleaning after work. Work Shall be got executed through certified applicator of the product manufacturing company only and covering the whole treatment with 03 years guarantee/warranty on requisite (Rs. 500/-) non-judicial stamp paper including submitting written guarantee/warranty from said certified applicator etc. all complete as directed by Engineer In-charge.	200.00	Sqm
59	Providing and fixing 35 mm thick Advance/Rawji/approved make Fiberglass Reinforced Plastic (F.R.P.) door shutter in flush or depress design as approved colour shade and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings like 100mm SS hinges 3 nos, 200mm SS tidi patti with packing 2no, 150mm SS handles 2 nos on each shutters and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically etc. all complete as directed by Engineer-In-Charge.	10.00	Sqm
60	Providing and fixing solid core flush door in single or double leaf 35 mm thick of commercial type of exterior grade, approved commercial plywood facing both side without glazing and venetians, all necessary beads, moulding and lipping, 300mm long 2 nos. decorative type S.S handles for each shutters, 8" long stainless steel tower bolt 1 no for each shutter, 12" long stainless steel heavy duty aldrops and other required fittings etc. all complete as directed by Engineer-In-Charge. (without frame). (fittings will be approved by Engineer in charge before fixing)	20.00	Sqm
61	Providing and fixing new GI brackets with GI bolts wherever required for P.V.C. rain water pipes with necessary fittings including removing old damaged brackets (if required) & fixing the pipe on wall projecting 25mm to 40mm from face of wall, etc all complete as directed by Engineer In-charge.	20.00	Nos
62	Providing and fixing P.V.C. rain water pipes 150mm dia. conforming to I.S. including proper rain water receiving recess with P.V.C. plug bend, necessary fittings such as offsets, shoes including fixing the pipe on wall using approved GI brackets projecting 25mm to 40mm from face of wall , filling the joints using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks and maintenance for 3 years for any type of leakages or dislocation of pipes. All the PVC fittings and additional two piece socket clips shall be got approved from Engineer In-charge etc. all complete as directed by Engineer Incharge. (Make-Finolex/Kissan/Prince)	20.00	Rmt
63	Providing and fixing P.V.C. soil / waste water pipes 110mm inner dia. and having wall thickness of 2.5 to 3.2mm conforming to I.S. including with P.V.C. plug bend, necessary fittings such as offsets including fixing the pipe on wall using M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number or laying the pipe on slab in the concrete, filling the joints with PVC solvent including necessary scaffolding and making connections to existing chambers by drilling hole and make it watertight etc. all complete as directed by Engineer Incharge. (Make-Finolex/Kissan/Prince)	20.00	Rmt
64	Providing and fixing P.V.C. soil / waste water pipes 75mm inner dia. and having wall thickness of 2 to 3.2 mm conforming to I.S. including with P.V.C. plug bend, necessary fittings such as offsets, tee,elbow including fixing the pipe on wall using approved M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number or laying the pipe on slab in the concrete, filling the joints using rubber gasket with solvent cement including necessary scaffolding and making connections to existing chambers by drilling hole and make it watertight etc. all complete as directed by Engineer Incharge. (Make-Finolex/Kissan/Prince)	20.00	Rmt

65	Providing and fixing P.V.C. soil / waste water pipes 40mm inner dia. and having wall thickness of 2 to 3.2 mm conforming to I.S. including with P.V.C. plug bend, necessary fittings such as offsets, tee, elbow including fixing the pipe on wall using approved M.S cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number or laying the pipe on slab in the concrete, filling the joints using rubber gasket with solvent cement including necessary scaffolding and making connections to existing chambers by drilling hole and make it watertight etc. all complete as directed etc all complete as directed by Engineer In-charge. (Make-Finolex/Kissan/Prince)	20.00	Rmt
66	Providing core cutting of any size and depth in reinforcement concrete or any other materials etc. all complete as directed by Engineer In-charge.	2	Nos
67	Disposing debris, loose stones, boulders, concrete pieces, etc. collected and stacked as directed including loading in trucks, transporting out of IIT Campus including obtaining permission of BMC competent authorities for disposing off on to their approved locations. (30% voids will be deducted in case of truck measurement) etc all complete as directed by Engineer In-charge.	30.00	Cum

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 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 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.

Handwritten signature
27/11/2025
Superintending Engineer (I/C)
Handwritten signature
20/11/2025

INDEX SHEET

Sr. No.	Content	Page No. From - To
1	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 50% 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.	
2	Annexure 'A'	
3	Experience in executing Aluminium profile/Fabrication works	
3	provide a performance guarantee/warranty for leakage issues for a period of five years on a Rs. 500/- non-judicial stamp paper, along with an assurance to complete the work within the specified time period of three months.	
3	Submit a copy of the information in respect of manpower/mandays for above said work must be given in undertaking with official signature and seal/stamp.	
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	ESIC registration certificate and copies of ESIC challans of last 12months. OR 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 2022-23, 2023-24 & 2024-25.	
11	List of Equipment's, Machinery, Tools.	
12	List of Technical Staff with copies of their Degree/diploma certificate.	
13	Earnest Money Deposit	
14	Power of Attorney, if any.	
15	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.	
16	Litigation history of the agency is required to be submitted along with the application. A tender would not be awarded if any inquiry proceeding / criminal case is found pending against the agency.	
17		

Signature & stamp of the Contractor