

## NOTICE INVITING e-QUOTATION

The Executive Engineer (CD-IV), IIT DELHI, HAUZ KHAS, New Delhi-16 (Phone No 011-26591796) on behalf of Board of Governors invite online **Item Rate e-Quotation** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL, and Railways for Civil works of the following work:

1. NIQ No :- **50/IITD/NIQ/EE(CD-IV)/2021-2022**

**Name of work :- A/R & M/O Buildings in Academic Area at IIT Delhi.**

**Sub-Head-1 :- Replacement of old broken floor tile in room no. MS-308.**

**Sub Head-2 : Providing & Fixing Roller Blinds in lab no. IIA-319 in Bharti School.**

**Sub Head-3 : Replacement of old emergency gate and gypsum partition with aluminium gate and partition in CSC.**

- |  |   |                                   |
|--|---|-----------------------------------|
| 2. Estimated cost                              | : | Rs. 2,96,655.00                   |
| 3. Earnest Money                               | : | Rs. Nil (As per GOI orders)       |
| 4. Period of completion                        | : | 02 (Two) Months.                  |
| 5. Last time & date of submission of quotation | : | 17/08/2021 upto 3:00 pm (on line) |

The bid forms and other details can be obtained from the [http://eprocure.gov.in/eprocure/app\\_or\\_www.iitdelhi.ac.in](http://eprocure.gov.in/eprocure/app_or_www.iitdelhi.ac.in) free of cost. For more clarification you may visit on above website and contact on e-quotation helpdesk No: 0120-4200462.

**Executive Engineer (CD-IV),  
For & on Behalf of BOG, IIT Delhi**

**Ch. Head: NPN-10**

**Work code-**

**Copy to: -**

1. Executive Engineer (CD-IV)
2. D.A. (Works Accounts)
3. AEE (M-I)
4. JE (M-I)
5. Notice Boards.
6. Office Copy
7. Web site Administrator, I.I.T.D.

C ..... Nil.  
I ..... Nil.  
o..... Nil.

**Name of work :- A/R & M/O Buildings in Academic Area at IIT Delhi.**  
**Sub-Head-1 :- Replacement of old broken floor tile in room no. MS-308.**  
**Sub Head-2 : Providing & Fixing Roller Blinds in lab no. IIA-319 in Bharti School.**  
**Sub Head-3 : Replacement of old emergency gate and gypsum partition with aluminium gate and partition in CSC.**

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**Certified that this e-Quotation Notice contains 1 to 15 pages.**

**Executive Engineer (CD-IV),  
IIT Delhi, Hauz Khas,  
New Delhi-110016.**

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**NDIAN INSTITUTE OF TECHNOLOGY: DELHI**  
**HAUZ KHAS: NEW DELHI – 110016**  
**IITD/WORKS(SP-3571)/2021**

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-QUOTATION (e-Quotation Notice)**

The Executive Engineer (CD-IV), IIT DELHI, HAUZ KHAS, New Delhi-16 (Phone No 011-26591796) on behalf of Board of Governors invite online **Item Rate e-Quotation** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL, and Railways for Civil works of the following work:

SL. No.	NIQ No.	Name of Work	Estimated Cost (in Rs.)	Earnest Money (in Rs.)	Time for completion
1	50/IITD/NIQ/EE/CD-IV/J/2021-2022.	<b>Name of work : A/R &amp; M/O Buildings in Academic Area at IIT Delhi.</b> <b>Sub-Head-1 :- Replacement of old broken floor tile in room no. MS-308.</b> <b>Sub Head-2 : Providing &amp; Fixing Roller Blinds in lab no. IIA-319 in Bharti School.</b> <b>Sub Head-3 : Replacement of old emergency gate and gypsum partition with aluminium gate and partition in CSC.</b>	<b>2,96,655/-</b>	<b>Nil</b>	<b>02 Months.</b>

Last date and time of submission of financial & Technical bid :- **17/08/2021 upto 3:00 pm (on line)**

Date and time of opening of Technical bid :- **18/08/2021 upto 3:00 pm (Room No. MZ - 132)**

Price bids of eligible bidders as per e-Quotation notice shall be opened at a later date after scrutiny of Technical bids.

- Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.
  - Firms/Contractors must have completed satisfactorily one similar work of value not less than Rs. 2.38 lacs. or Two similar works each of value not less than Rs. 1.78 lacs. or there similar works each of value not less than Rs 1.19 lacs. during last 7 years ending on date 31-07-2021.**
- The intending bidder must read the terms and conditions of IITD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <http://eprocure.gov.in/eprocure/app> .in free of cost.
- The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of submission of financial bid.

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6. IITD is committed to follow the principle of transparency, equity and competitiveness in public procurement. Before submission of bid each bidder should sign integrity pact at respective places and submit the bid, if duly signed integrity pact is not submitted by bidder such bid shall not be considered.
7. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website
8. The intending bidder must have valid class-III digital signature to submit the bid.
9. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of PDF format.
11. Contractor must ensure to quote rate of each item, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
12. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
13. In e-quotation intending bidder can quote his rates in figures only. The rates in words, amount of each item and total is generated automatically. Therefore, the rate quoted by the bidder in figures is to be taken as correct.
14. Copy of enlistment order and certificate of work experience and other documents as specified in the Press Notice / web notice shall be scanned and up-loaded to the e-quotation website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents as specified in press notice web / notice shall have to be submitted by the lowest bidder only.
15. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has scanned and uploaded documents are found in order.
16. When bids are invited in two /three stages systems and if it is desired to submit revised financial bid it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid – Not applicable.
17. The bid submitted shall become invalid if:
  - a. The bidder is found ineligible if he does not upload document as per page 4 & 5 of tender notice.
  - b. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest e-quotation in the office of e-quotation opening authority.
18. Bid validity shall be 75 days after opening of financial bids.
19. GST shall be treated as inclusive in quoted rates of bidders.
20. List of Documents to be scanned and uploaded within the period of bid submission:

#### Technical Bid:-

The following document are to be uploaded by the bidder along with technical bid. As per tender document.

1. Enlistment order of contractor (As per NIT Page-1 firm should be registered with CPWD, MES, BSNL, and Railways for Civil works no MSME registration will be considered, for enlistment of contractor).
2. Attested certificate of work experience.
3. Certificate of Registration for GST.
4. ESI & EPF registration.
5. Tender Fee of Rs. 500/- in favour of IITD to be deposited in IITD Canara Bank or IITD SBI Bank & receipt copy to be scanned & uploaded in tender (technical bid) or this fees can be directly RTGS to Registrar IITD and its proof to be uploaded in technical bid. (No relaxation in tender fee for MSME and MSEs)
6. Each and every page of all annexure, corrigendum/ addendum (if any) and their annexure should be duly seal & signed and scanned copy should be uploaded with tender bid.

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**Ch. Head: NPN-10**

Copy to: -

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2. D.A. (Works Accounts)
3. AEE (M-I)
4. JE (M-I)
5. Notice Boards.
6. Office Copy
7. Web site Administrator, I.I.T.D
8. NIQ :- Publicity on Website on Institute as well as on CPP portal <http://eprocure.gov.in> may be ensured as per instruction issued.
9. E-quotation Web. <http://eprocure.gov.in/eprocure/app> or [www.iitdelhi.ac.in](http://www.iitdelhi.ac.in)

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**Notice Inviting E-quotation****INDIAN INSTITUTE OF TECHNOLOGY DELHI****HAUZ KHAS, NEW DELHI-110016****Terms & Conditions**

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

<b>Details of the item</b>	<b>As per e-Quotation Notice</b>
<b>Earnest Money Deposit to be submitted</b>	<b>Rs. Nil</b>
<b>Warranty</b>	<b>As per terms &amp; condition and as per make list</b>

E-quotation Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.

E-quotations can access e-quotation documents on the website (For searching in the NIC site, kindly go to E-quotation Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Delhi e-quotations). Select the appropriate e-quotation and fill them with all relevant information and submit the completed e-quotation document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given in the next page.

No manual bids will be accepted. All quotes (both Technical and Financial should be submitted in the E-procurement portal).

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**Schedule**

Name of Organization	Indian Institute of Technology Delhi
E-quotation Type (Open/Limited/EOI/Auction/Single)	Open
E-quotation Category (Services/Goods/works)	Works
Type/Form of Contract (Work/Supply/ Auction/Service/Buy/Empanelment/ Sell)	Works
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Civil
Source of Fund (Institute/Project)	Budget Code NPN-10
Is Multi Currency Allowed	No
Date of Issue/Publishing	11/08/2021 (17.00 Hrs)
Document Download/Sale Start Date	11/08/2021 (17.00 Hrs)
Document Download/Sale End Date	17/08/2021 (15.00 Hrs)
Date for Pre-Bid Conference	<b>Nil</b>
Venue of Pre-Bid Conference	---
Last Date and Time for Uploading of Bids	17/08/2021 (15.00 Hrs)
Date and Time of Opening of Technical Bids	18/08/2021 (15.00 Hrs)
E-quotation Fee	<b>Rs. 500/- (No relaxation in tender fee for MSME and MSEs)</b> (To be paid through RTGS/NEFT. IIT Delhi Bank details are as under: Name of the Bank A/C : Registrar IIT Delhi. SBI A/C No. : 10773572622 Name of the Bank : State Bank of India, IIT Delhi, Hauz Khas, New Delhi-110016 IFSC Code : SBIN0001077 MICR Code : 110002156 Swift No. : SBININBB547 (This is mandatory that UTR Number is provided in the on-line quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II) → <b><u>or as per NIQ/ E-quotation Notice</u></b>
No. of Covers (1/2/3/4)	02
Bid Validity days (180/120/90/75/60/30)	<b>75</b>
Address for Communication	<b>E.E. (CD-IV), Room no. MZ-132,IIT Delhi 110016</b>
Contact No.	<b>011-26591796</b>
Fax No.	<b>Nil</b>
Email Address	<a href="mailto:a25231@admin.iitd.ac.in">a25231@admin.iitd.ac.in</a>

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**INDIAN INSTITUTE OF TECHNOLOGY: DELHI****HAUZ KHAS: NEW DELHI – 110016****SCHEDULE OF MATERIAL TO BE ISSUED**

Schedule showing approx. quantities of material to be supplied by Institute Clause 10 of the condition of contact for work contracted to be executed and rates at which they are to be charge for.

Items Particulars	Rates at which the material will be charged to the contractor.	Place of delivery
	NIL	

Note:-

1. The person of firm submitting the e-quotation should be see the rates in the above schedule are filled buy the Engineer-in-charge on the form prior to the submission of the e-quotation.
2. The above issued rates are inclusive 2% (Two percent) storage charges.

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**INDIAN INSTITUTE OF TECHNOLOGY: DELHI****HAUZ KHAS: NEW DELHI – 110016****Terms & Conditions of Works-Order**

1. No T & P would be supplied by the Institute and contractor will have to make his own arrangement.
2. The contractors are advised to get acquainted with the proposed work including specifications & its site and additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions and ignorance of specifications & additional conditions. The work shall be carried out as per the availability of houses of renovation.
3. The work shall be carried out as per CPWD specifications 2019 volume I & II with up – to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer-in-Charge shall be final and binding on contractor.
4. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, GST & stacking of material required at places etc.
5. The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
6. Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by at his own cost.
7. The sample of material required in the work brought at site shall be got approved from Engineer –in-Charge before use in execution of work.
8. The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the IITD if satisfactory report and it test results are in satisfactory than testing charges shall be deducted from bills of contractor. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.
9. The contractor shall make his own arrangement for getting the permission with respect to trucks from the Traffic Police.
10. No payment shall be made to contractor for any damage caused by the rain, snowfall or any other natural causes what so ever during the execution of work.
11. Some restrictions may be imposed by the security staff of IIT Delhi etc. on the working and or movement of labour & material. **No labour camp/ huts shall be allowed in IIT Campus. The contractor shall make his own arrangement for labour huts outside the campus.** However constructions of cement godown and Chowkidar's hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.
12. The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing the work.
13. The Malba / Garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of MCD and all statutory approvals from local bodies shall be a
14. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipments left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
15. Income tax @ 2% and other taxes as applicable shall be deducted from the bills of contractor.
16. The total value of work done amount should not be exceed to 1.50 times of e-quotation amount
17. 1% labour cess or as applicable will be deducted from the bills of contractor.
18. Water charges @1% and Electricity charges @0.50% of gross work done shall be deducted from bills, if used by contractor. If not provided by IIT Delhi, the agency shall make his own arrangement.
19. Agency has to take proper safety measure during the execution of work.
20. Security deposit @ 10% of gross work done shall be deducted from bills of contractor.
21. **GCC for 7/8 shall form part of NIQ and the bidder shall go through GCC before quoting rates and the same shall be deemed to be accepted by bidder if he participates in the e-quotation.**
22. Copy of invoices/ challan of material purchases to be submitted to IITD by bidder.
23. GST Registration.
24. Contractor shall be responsible for keeping site free of any kind of mosquito breeding. If it is found that breeding is taking place the all responsibility shall be of contractor to bear challan etc. done by local bodies.
25. Quoted rates by the bidder shall be inclusive of GST.
26. Final bill of contractor shall be settled only after the submission of the details of ESI & EPF & GST.

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**LIST OF APPROVED MAKES FOR CIVIL WORK**

S. No.	Description	Approved Makes Category-I	Approved Makes Category-II
1.	E.W.C Seat Covers	Hindware/Parryware/Cera	Prayag/Polytuf/Shak
2.	C.P.Brass Fitting/Accessories	JAQUAR/MARC/KOHLAR	Prayag/Polytuf/Shak
3.	Cement (Grey) OPC/ PPC Grade-43	ACC/L&T/J.K/BIRLA/UTRA TECH/VIKRAM	
4.	Cement (White)	J.K / BIRLA	
5.	Reinforcement Steel	PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL SECONDARY MANUFACTURERS HAVING VALID BIS LICENSE (to be as per latest BIS provisions)	
6.	Structural Steel	PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL SECONDARY MANUFACTURERS HAVING VALID BIS LICENSE (to be as per latest BIS provisions)	
7.	Stainless Steel (Grade 304)	JINDAL / SAIL/ SALEM	
8.	Bricks	COMMERCIALY AVAILABLE OR REQUIRED STRENGTH	
9.	Aluminium Sections	HINDALCO / JINDAL / MAHAVIR	
10.	Flush doors	CENTURY / MERINO / DURO BOARD /GREEN	
11.	Laminates	GREENLAM / DURO / ARCHID / MERINO / DECOLAM / CENT.	
12.	Glass	SAINT GOBAIN / MODI FLOAT / ASAHI FLOAT	
13.	Ceramic Glazed tiles / Border tiles	1st QUALITY KAJARIA / NITCO / JOHNSON / ORIENT / SOM.	
14.	Vitrified Tiles	JOHNSON / KAJARIA / ORIENT / SOMANY	
15.	Interlocking Precast Pavers blocks / kerb Stone	HINDUSTAN TILES / SWASTIK / DALAL	
16.	Stainless Steel Hinges	JOLLY / GARG / AMIT / ASI / SUPREME	
17.	Stainless Steel Nuts Bolts / Screws	KUNDAN / PUJA / ATUL / GKW	
18.	Paint / primer / oil bound distemper / Acrylic paint / plastic paint	1st QUALITY PAINTS OF ASIAN / BERGER / NEROLC / SHALIMAR DULUX	
19.	Water Proof. Cement Paint / Exterior paint	1st QUALITY PAINTS OF ASIAN / BERGER / NEROLC / SHALIMAR DULUX	
20.	Sanitary ware (Vitreous China ) (European Seats, Urinals, Wash Basins, etc.)	HINDWARE// PARRYWARE / CERA	
21.	G.I. Pipes	TATA / JINDAL (HISSAR) / BHUSHAN / APL APPOLO/ TT SWASTIK	
22.	G.I. Fittings	UNIK / ZOLOTO / AM	
23.	Stainless Steel Sink	NEELKANTH / JAINA / KINGSTON (COBRA) / PRAYAG	
24.	Commercial Board PLY	MERINO / DURO / GREEN / CENTURY/ KIT (SWASTIK)	
25.	CI Pipes / Fittings & Manhole covers	RIF / NECO / BENGAL IRON WORKS / BC / SKF	
26.	CI Pipes "Class LA"	NICO / KESORAM / ELECTRO STEEL / KAPLIANSH	
27.	Floor Spring	DOORKING / EVERITE / SANDHU	
28.	Door Closer	EVERITE / SANDHU / HARDWIN	
29.	Mirror	ATUL / MODIGUARD / SAINT GOBAIN/ AASHI	
30.	Vertical Blinds	VISTA / MAC/ MARVEL DÉCOR/ SAINT GOBAIN	
31.	False Ceiling	ARMSTRONG / SANIT GOBAIN / META WORTH	
32.	Water Proofing Compound	CICO / FOSROC / PIDILITE / ECMAS / ASIAN	
33.	Polymer Compound	CICO / FOSROC / FOSROC/ ECMAS/ ASIAN	
34.	Particle Board	NOVA PAN / BHUTAN BOARD / ECO BOARD	
35.	Rust remover / Anticorrosive	FOSROC / CICO / PIDILITE / ECMAS / ASIAN	
36.	Adhesive	FEVICOL / VAMICOL / DUNLOP / VAM ORGANIC	
37.	Tile Adhesive	PIDILITE / FERROUSCRETE / BALLNDURA / CICO	
38.	Wall Putty	BIRLA / JK / SARA	
39.	Epoxy Grout	BALLENDURA / KERAKOLL / FERROUSCRETE	
40.	PVC Water storage tank (ISI marked)	SINTEX / UNI PLAST/ POLYWELL	
41.	PVC insulated water storage tank heavy duty 4/5 layer	SINTEX / UNI PLAST / POLYWELL / EURO.	
42.	Brass Ball valve / Gate Valve / Float Valve	ZOLOTO / AM / LEADER / SANT	
43.	Aluminium Door fittings	CLASSIC / EVEREST / ARGENT	
44.	Brass bib / stop cock	AGI / ELITE / SHAKTI / SANT / LEADER / PRIMA	
45.	Thermoplastic paint	CBM / CMS / S.N. INDUSTRIES	
46.	Plaster of Paris Putty	ADHARSHREE / SHRE RAM / J.K. / BIRLA	
47.	RCC Pipe	LAKSHMI / SOOD & SOOD / JAIN & Co. / DIWAN SPUN PIPE	
48.	PVC Pipe	PRAKASH / PRINCE / SUPREME	

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# IIT DELHI

**Name of Work:- A/R & M/O Buildings in Academic Area at IIT Delhi.**

**Sub-Head-1 :- Replacement of old broken floor tile in room no. MS-308.**

**Sub Head-2 : Providing & Fixing Roller Blinds in lab no. IIA-319 in Bharti School.**

**Sub Head-3 : Replacement of old emergency gate and gypsum partition with aluminium gate and partition in CSC.**

S. No	Description of Items	Unit	Qty.	Rate		Amount
				In figure	In word	
1	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :					
1.1	250x16 mm	each	2.00			
2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :					
2.1	250x10 mm	each	12.00			
3	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.					
3.1	Twin rubber stopper	each	4.00			
4	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4	sqm	60.00			

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	Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.					
5	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles and jointing with grey cement slurry @ 3.3kg/sqm	sqm	-60.00			
6	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	sqm	60.00			
7	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	sqm	60.00			
8	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.					
8.1	For thickness of tiles 10 mm to 25 mm	sqm	60.00			
9	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	sqm	28.00			
10	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	5.00			
11	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z					

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	sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
11.1	For fixed portion					
11.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	215.00			
11.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)					
11.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	100.00			
12	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge.					
12.1	Pre-laminated particle board with decorative lamination on both sides	sqm	12.50			

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13	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					
13.1	With float glass panes of 5.00 mm thickness	sqm	10.00			
14	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.					
14.1	With stainless steel cover plate minimum 1.25 mm thickness	each	2.00			
15	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.					
15.1	Upto 5mm depth and 5 mm width	metre	50.00			
16	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	each	2.00			
17	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in- charge					

C ..... Nil.  
I ..... Nil.  
o..... Nil.

17.1	Powder coated minimum thickness 50 micron aluminium	each	12.00			
18	Providing and fixing roller blinds of approved make, the fabric should be screen openness of 5% and composition of 75% PVC and 25% Polyester with fabric weight of 465 GSM with fire resistance grade of NSPA 701, BS 586 part- II with anodized aluminium channel weight, bracket and hangers etc. The fabric will be approved colour and shade of approved manufacturer complete as per directions of Engineer In Charge. Make (VISTA/MAC/Marvel)	sqm	20.00			
			<b>Total</b>			

**Special Conditions:-**

1. No labour huts shall be allowed in IIT campus and nothing shall be paid extra on this account.
2. The contractor visit this site of work before quoting the rates.
3. No labour to stay in IIT Campus nothing shall be paid extra on this account.
4. The rates for different items of work shall apply for all Heights & Depths, Leads & Lifts and nothing extra shall be paid on these accounts.
5. Site shall be available in parts or phases as per direction of Engineer-in-charge & nothing extra on this amount shall be paid to contractor.

C ..... Nil.  
I ..... Nil.  
o..... Nil.