



सिद्धिमूलं प्रवन्धनम्
भा. प्र. सं. इन्दौर
IIM INDORE

भारतीय प्रबंध संस्थान इंदौर

INDIAN INSTITUTE OF MANAGEMENT INDORE

Prabandh Shikhar, Rau-Pithampur Road, Indore - 453556 (M.P.), India

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Tender Notice No.

IIMI/Estate/12/2019/12 File No. 149

Name of Work: Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore.

Certified that the NIT Document contains 12 pages serially numbered from 1 to 12

INDIAN INSTITUTE OF MANAGEMENT INDORE

INDEX

Sr. No.	Contents	Page No.
<u>Part-I: Technical cum Commercial Bid</u>		
1	Notice Inviting Tender (NIT)	3
a	Part "A" NIT Details	3
b	Part "B" Tender requirements	3
c	Part "C" Other terms & conditions	4
2	Milestones	8
3	Approved make list	8
<u>Part-II: Financial Bid</u>		
1	Financial Bid	10

Dated: May 01, 2019

NOTICE INVITING TENDER

Tender Notice No. IIMI/Estate/12/2019/12 File No. 149

IIM Indore invites item rate tender under two bid system (Part-I Techno-Commercial bid & Part-II Financial bid) for the under mentioned work. Schedule of item & quantity is attached as annexure -1 to this notice.

The tender is e-published on IIM Indore website under the URL: <http://iimidr.ac.in/tenders/>. Interested parties can download the same and submit by post or hand delivery before the due date & time.

Part “A” : NIT Details

1	NIT No.: IIMI/Estate/12/2019/12 File No. 149	
2	Name of Work	“Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore.”
3	Estimated Cost Put to Tender	Rs. 2,30,935/- (Two Lakh Thirty Thousand Nine Hundred Thirty Five Only)
4	Earnest Money Deposit (Rs.)	Rs. 4,619/- (Rs. Four Thousand Six Hundred Nineteen Only) by e-payment through electronic mode
5	Tender Processing Fee (Rs.)	Rs. 500/- by e-payment through electronic mode or DD or bankers cheque. (Non-Refundable)
6	Completion period	30 Days
7	Last date & time of receipt of tender	May 13, 2019 Up to 03:00 PM in a Sealed cover only addressed to the “Chief Engineer, IIM Indore Prabandh Shikhar, Rau-Pithampur Road Indore- 453556, Madhya Pradesh.”
8	Date & Time of opening of technical bid	04:00 PM on May 13 , 2019 in the Office of the Chief Engineer, Administrative Block, IIM Indore M.P. 453556
9	Date and Time of opening of financial bid of qualified bidders	Will be notified at a later date
10	Security Deposit	2.5% of tendered value from bills
11	Performance Guarantee	5% of tendered value on acceptance of bid

Part “B”: Tender Requirements

1. Criteria of eligibility for submission of bid documents:

In order to fulfil eligibility for acceptance, the following criteria will be followed. Bidders are required to submit relevant verifiable and self-attested documents.

- i) PAN Card
- ii) Experience/ work completion certificate from the client for whom similar work of highest value has been executed. The certificate should not be older than seven years.
- iii) GST (Goods & Service Tax) Registration Certificate
- iv) Certification of Registration of firm / company.
- v) Aadhaar card copy.

Civil Work:

Three similar works, each of value not less than Rs. 92,374 /-,

OR

Two similar works, each of value not less than Rs. 1,38,561 /-,

OR

One similar work of value not less than Rs. 1,84,748/-, all amounts rounded off to a convenient full figure.

Note: Similar work shall mean Civil & Building work.

2. Mode of payment of Tender processing fee and EMD:

Bidders may deposit the Tender Processing Fee and EMD through NEFT or RTGS or Demand Draft or Banker cheque. Details for the same are as below:

Name of beneficiary	: Indian Institute of Management Indore
Address	: Rau-Pithampur Road, Indore -453556, M.P.
Account No.	: 53018623445
Name of the Bank	: State Bank of India
Address of the bank	: IIM Indore Campus
IFSC Code	: SBIN0030525

Bidders will have to attach Payment details towards cost of tender processing fee & EMD during the submission of tender and the same will be accepted only on verification & confirmation by the Institute. Any delay in credit will not be entertained by the Institute.

3. The Tenderer is required to prepare two sealed cover comprising of the following:

- (i) **Cover-I: Technical Bid**
- (ii) **Cover-II: Financial Bid**

Both covers should be kept in one main sealed cover super scribed as “NIT No.: IIMI/Estate/12/2019/12 File No. 149, Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore.”

The tenderer has to drop the cover sealed in above manner in the Tender Box kept at the “Estate Department, IIM Indore, Administrative Block, Rau Pithampur Road, Indore -453556 M.P.” on or before the due date & time positively. The tender shall not be accepted beyond the stipulated date and time under any circumstances whatsoever. Any delay happened in the transition is at the risk of the tenderer and IIM Indore will not be responsible.

4. EMD of unsuccessful bidders will be refunded.

Part “C”: Other Terms & Conditions

1. The bid submitted shall become invalid and tender processing fee shall not be refunded if:
 - (i) If the bidder is found ineligible.
 - (ii) If the documents submitted by the successful bidder does not match with the originals before the award of work.

2. The competent authority on behalf of the Director IIM Indore does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
3. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
4. The competent authority on behalf of the Director, IIM Indore reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
5. The bid for the works shall remain open for acceptance for a period of Sixty (60) days. If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the IIM Indore shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
6. IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering/ taking up works in IIM INDORE.
7. TAXES :
 - i) **The Contractor should get registered under GST and tax as applicable as per the extant order on the subject work shall be paid by the contractor to concerned department. Which will be reimbursed by the Institute as per the recommendation of Finance & Accounts department of the Institute & the same will be final & binding to the contractor.**
 - ii) **Labour Welfare cess @ 1 % of gross value of work done shall be recovered from each bill paid to the contractor.**
 - iii) **Income Tax and cess as applicable shall be deducted from each bill paid to the contractor.**
Any other taxes/cess as per Government directives shall be deducted from each bill paid to the contractor from time to time.
8. The specifications, Terms & Conditions, other regulations which are not herein mentioned will be guided by relevant CPWD / IS /Other Central Govt./state Govt. norms, OEM standards applicable for IIM Indore & the decision in this regard will be guided by the decision of the respective authority of IIM Indore which shall be final and binding to the contractor.
9. Performance guarantee in the form BG or FDR or DD @ 5% of tendered amount has to be furnished within 10 days of issue of Work order.
10. If called for, originals of the document submitted shall be produced.
11. General condition of contract (GCC) of CPWD will be applicable.
12. IIM Indore reserves the full rights to increase/decrease the quantity of items in the tender as per requirement upto 50% upwards / downwards as per CPWD norms.
13. Any dispute is subject to the jurisdiction of Civil Court Indore.

14. Location: Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore.
15. The work shall be executed as per CPWD general specifications for Civil & electrical works with upto date amendments as per relevant IS and as per directions of Engineer-in-Charge. These additional specifications are to be read in conjunction with above. However, nothing extra shall be paid on account of these additional specifications & conditions as the same are to be read along with schedule of quantities for the work.
16. The Tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering.
17. No T&P shall be issued by the IIM Indore and nothing extra shall be paid on account of this.
18. Employer reserves the right to alter the mode of selection, accept or reject any or all bids without assigning any reason thereof.
19. Necessary clarification required by IIM Indore shall have to be furnished by the Tenderer within the time given by IIM Indore for the same. The Tenderer will have to depute his representative to discuss with the officer(s) of the IIM Indore as and when so desired. In case, in the opinion of the IIM Indore a Tenderer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.
20. The Tenderer will have to fill up their rates only in the price bid in BOQ format. Tenders in which the price bids are given in any other format are liable to be rejected.
21. A tenderer will also not be allowed to withdraw or modify any condition at a time after the technical bids have been accepted and the decision to open the price bid has been taken by the IIM Indore.
22. The IIM Indore reserves the right to reject any or all the price bids and call for fresh prices/ tenders as the case may be without assigning any reason.
23. All tools, plants and measuring or weighing equipment shall be arranged by the contractor himself and nothing extra shall be paid to the contractor on this account.
24. The contractor shall get the samples of all the materials to be used, in the work approved from Engineer-in-Charge before going for bulk procurement. Bulk procurement shall be taken up only after obtaining approval from the Engineer-in-charge. Any delay in getting the samples approved shall be contractor's responsibility.
25. All materials, articles and workmanship shall be of respective best quality and kind for the class described in the schedule of quantities and specifications. All materials, so used in different items of work shall be subject to the approval of the Engineer-in-charge.
26. The contractor shall have to do all drilling of holes and cutting of walls, chases or other elements of the building for the complete and proper installation of the pipe lines/ ducts and other equipment's by using electrically operated tools such as drills/ chases cutting machine etc. Manual drilling or chiselling or cutting shall be permitted on special request only.
27. No chiselling or cutting or drilling of RCC columns, beams, girders and other principal structural members shall be done unless prior permission has been granted by the Engineer-in charge in writing.

28. All chases and openings made by the contractor for his pipe lines shall be filled/ covered over with cement plaster in reasonable manner. Before rough plastering on the pipe surfaces the concealed pipes shall be secured to the wall by using proper supports/ clamps.
29. Any item which is not available in the BOQ if exerted shall be paid as per DSR 2016 rates. If it is not available in BOQ & DSR 2016 then extra item shall be worked out as actual cost of the materials and actual cost of the labour plus 15% as overhead and profit as per CPWD. The decision of Engineer-in-charge will be conclusive and final binding on the contractor.

30. Terms of Payment:

Payment will be made after completion of the work and submission of final bill duly supported by work completion certificate issued by Engineer In-charge.

31. Security deposit:

- a. *The security deposit will be collected by deductions from the running bill of the contractor at the rate mentioned below. The security deposit can also be deposited in cash or in the form of Government Securities, Fixed Deposit Receipts etc.*
- b. A sum @ 2.5% of the gross amount of the bill will be deducted from *final bill* of the contractor. Such deductions will be made unless the contractor has deposited the amount of security at the rate mentioned in cash or Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit as per clause mentioned in the tender document.
- c. The security Deposit shall be refunded to the contractor after the completion of defect liability period of 01 (ONE) year.

32. Performance Guarantee:

The tender shall guarantee among other things, the following:

- (a) Quality, strength and performance of the materials used.
- (b) Safe mechanical and stress on all parts under all specified conditions of operation.
- (c) Satisfactory operation & stability during the DLP period.

The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within Ten days of issue of LOI. This guarantee may be in the form of Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form in CPWD manual. In case the contractor fails to deposit the said performance guarantee within the period as indicated above, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The performance guarantee shall be initially valid up to the actual date of completion plus 60 days beyond that. After that it may be refund.

33. Rates:

- a. Subject to the nomenclature of the item as per schedule of quantities, the specification indicated in the tender documents, the rates quoted shall include charges for forwarding, insurance, freight and delivery, installation, testing, commissioning at site, cost of all materials including royalty & taxes if any, labor, sundry inputs, execution of work at all heights, levels, pattern and design for all leads, lifts and depths including overhead charges and contractor's profit. Nothing extra shall be paid on this account.
- b. The Defect Liability Period (DLP) will be of 12 months from the date of handing over. Nothing extra for this period shall be paid.

34. The Institute may on request of the contractor make available the room / proper storage space for storage of material and erection equipment's as per the availability. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the IIM Indore.
35. **Completion Period:** The completion period of 30 Days indicated in the tender document is for the entire work of "Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore." Handing over of the entire system to the satisfaction of the Engineer-in-Charge.
36. **Water & Electricity Supply:** Water & electricity supply required for civil work etc. shall be arranged by the contractor.
37. **Extent of work:**
- The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation as required. The term complete installation shall not only mean major items of the structure covered by specifications but all incidental sundry components necessary for complete execution and satisfactory installation whether or not those have been mentioned in details in the tender document in connation with this contract.
 - Defect Liability Period of one year from date of completion and handing over.
38. **COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS:** All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by these specifications.
39. **INDEMNITY:** The successful tenderer/bidder shall at all times indemnify the IIM Indore, consequent on this works contract. The successful tenderer/bidder shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the IIM Indore shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the structure and ancillary system under the supervision of the successful tenderer/bidder in so far as the latter is responsible. The successful tenderer/bidder shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer/bidder due to the above.
40. **Mobilization advance:** No mobilization advance shall be paid for this work.
41. **Milestones:** The milestones will be as below:

Sl. No.	Description of Milestone (Physical)	Time Allowed in Days (from date of reckoning start)	Amount to be with-held in case of non-achievement of milestone
1	Completion of awarded work "Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore." as per direction of Engineer In-charge.	30 Days	Compensation for delay will be applied as per CPWD GCC 2014.

42. **List of Approved Make/ Materials:**

S.No.	Material	Manufacturer/Brand Name
1	Paint & Primer etc.	Asian Paints, Dulux or Equivalent
2	Cement	Ultratech / JK / Birla or Equivalent
3	Steel	TATA/ Jindal or ISI mark Equivalent
4	Putty	Jk/ Birla or Equivalent
5	Tiles	Kajaria/Somany or equivalent
6	Sanitary ware	Jaquar or equivalent
7	All other materials	As approved by the Client

Form of Performance Security (Guarantee) Bank Guarantee Bond

In consideration of the Director, IIM Indore (hereinafter called "The IIM Indore") having offered to accept the terms and conditions of the proposed agreement between.....and (hereinafter called "the said Contractor(s)") for the work..... (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as "the Bank") hereby undertake to pay to the IIM Indore an amount not exceeding Rs. (Rupees..... Only) on demand by the IIM Indore.

2. We, (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the IIM Indore stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupeesonly)

3. We, the said bank further undertake to pay the IIM Indore any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the IIM Indore under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in- Charge on behalf of the IIM Indore certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, (indicate the name of the Bank) further agree with the IIM Indore that the IIM Indore shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the IIM Indore against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the IIM Indore or any indulgence by the IIM Indore to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the IIM Indore in writing.

8. This guarantee shall be valid up tounless extended on demand by the IIM Indore. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated theday offor.....(indicate the name of the Bank).

Indian Institute of Management, Indore
Financial Bid

Name of Work: Construction of 2nos. ladies toilets and gents standing urinals at Gate No.1 IIM Indore.”						
NIT No.: IIMI/Estate/12/2019/12 File No. 149						
Name of Contractor :						
S. No	Item description	Unit	Qty	Rate	Amount (Rs.)	Amount in Words
1	2	3	4	5	6	7
1	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :					
	With Modular bricks	cum	3			
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.					
	In cement mortar	cum	1			
3	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge	sqm	3			
4	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade					
	Area of slab over 0.50 sqm	sqm	5			
5	Cement Plaster (In fine sand) 12 mm cement plaster of mix					
	1:4 (1 cement: 4 fine sand)	sqm	20			
6	20 mm cement plaster of mix :					
	1:4 (1 cement: 4 coarse sand)	sqm	20			
7	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	1			
8	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
	Suspended floors, roofs, landings, balconies and access platform	sqm	8			
	Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	1			
9	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
	Thermo-Mechanically Treated bars of grade Fe-500 D or more.	Kg	125			
10	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	25			
11	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	20			
12	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :					
	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	sqm	25			
13	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within IIM lead.					
	For thickness of tiles 10 mm to 25 mm	sqm	3			

14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm				
	Size of Tile 300x300 mm	sqm	20			
15	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints. 600x600 mm	sqm	3			
16	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:					
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	2			
17	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	each	4			
18	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	each	4			
19	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	each	8			
20	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	each	4			
21	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.					
	White Agaria Marble Stone	sqm	3			
22	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	2			
23	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.					
	20 mm nominal outer dia Pipes	mtr	15			
24	Concealed work, including cutting chases and making good the walls etc. 25 mm nominal outer dia Pipes	mtr	15			
25	Providing and fixing brass bib cock of approved quality :					
	15 mm nominal bore	each	4			
26	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	meter	12			
27	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.					

	Coupler 110 mm	each	4			
	Bend 87.5° 110 mm	each	4			
28	Providing & Fixing stainless steel Jali (grating) with or without hole for waste pipe for floor /Nahani trap. a) 100mm dia weight not less than 100 gms.	each	4			
29	Dismantling G.I./CPVC/UPVC pipes including Chasing in wall and repairing wall with cement mortar 1:3 after taking out the pipes, manually/ by mechanical means including stacking of pipes within anywhere in campus lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	Meter	12			
30	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size).	Cum	1			
31	Providing and fixing in aluminium windows, ventilators and partition etc. with 4 mm thick textured glass, and partition section for exhaust fan including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete. Ventilation size 250 X 600 MM	Each	2			
32	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z 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. Powder coated aluminium (minimum thickness of powder coating 50 micron) (Door Size 750x1830 mm)	Kg	28			
33	Providing and fixing of 4 mm ACP sheet in aluminium section work for doors, windows, ventilators and partitions with all complete as per architectural drawings and the directions of Engineer-in-charge.(Door Size 750x1830 mm)	sqm	3			
Total Amount in Rs. (Excluding Goods & Service Tax) :-						

Name of Bidder Firm _____

Email Address _____

Contact Person _____

Contact Number _____

Signature & Seal _____