



# 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/09/2019/09 File No. 146

**Name of Work: Civil repairs and maintenance works in house no.14, house no.10, house no.34 of Type - 5 and near of SR - 16 at IIM Indore.**

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

## INDIAN INSTITUTE OF MANAGEMENT INDORE

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Dated: April 09, 2019

**NOTICE INVITING TENDER**

Tender Notice No. IIMI/Estate/09/2019/09 File No. 146

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/09/2019/09 File No. 146	
2	Name of Work	"Civil repairs and maintenance works in house no.14, house no.10, house no.34 of Type - 5 and near of SR - 16 at IIM Indore".
3	Estimated Cost Put to Tender	Rs. 1,73,760/- ( One Lakh Seventy Three Thousand Seven Hundred Sixty Only)
4	Earnest Money Deposit (Rs.)	Rs. 3,475/- (Rs. Four Thousand Six Hundred Twenty 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	45 Days
7	Last date & time of receipt of tender	April 23, 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	03:30 PM on April 23 , 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. 69,504 /-,*

**OR**

*Two similar works, each of value not less than Rs. 1, 04,256 /-,*

**OR**

*One similar work of value not less than Rs. 1, 39,008 /-, 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/09/2019/09 File No. 146, Civil repairs and maintenance works in house no.14, house no.10, house no.34 of Type - 5 and near of SR - 16 at IIM Indore”.

The tenderer has to drop the cover sealed in above manner in the Tender Box kept at the “Project Department, IIM Indore, Administrative Block, RauPithampur 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: Civil repairs and maintenance works in at 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 45 Days indicated in the tender document is for the entire work of “Civil repairs and maintenance works in house no.14, house no.10, house no.34 of Type - 5 and near of SR - 16 at 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:**
- a) The work shall comprise of entire labor 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.
- b) 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 “Civil repairs and maintenance works in house no.14, house no.10, house no.34 of Type - 5 and near of SR - 16 at IIM Indore”.as per direction of Engineer In-charge.	45 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
2	Cement	Ultratech / JK / Birla
3	Adhesive	laticrete or Equivalent
4	Putty	Jk/ Birla
5	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. .... (Rupees .....only)

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 to .....unless 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 the .....day of .....for.....(indicate the name of the Bank).

**Indian Institute of Management, Indore**  
**Financial Bid**

Name of Work: Civil repairs and maintenance works in house no.14, house no.10, house no. 34 of Type-V and Near SR-16 at IIM Indore.						
NIT No.: IIMI/Estate/09/2019/09 File No. 146						
Name of Contractor :						
S.No	Item description	Unit	Qty	Rate	Amount (Rs.)	Amount in Words
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within anywhere in campus lead.	Sqm	116			
2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete & including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement: 4 fine sand) including normal scaffolding & other requisite support required to perform the job.	Sqm	116			
3	Renewal of old putty of glass panes (length)	Mtr	247			
4	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	80			
5	Rubbing and polishing of Precast terrazo floor tiles 22 mm thick with graded marble chips of sizes upto 12 mm, in skirting and risers of steps not exceeding 30 cm in height	Sqm	153.0			
6	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	Cum	2			
7	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			
8	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	Mtr	15			
9	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.					
9.1	Coupler 110 mm	Each	4			
9.2	Bend 110 mm	Each	5			
9.3	Single tee with door 110x110x110 mm	Each	1			
10	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After	Sqm	2			

	two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineering-charge. (d) Finishing the surface with 20 mm thick joint less cement mortar of mix 1:4 (1 cement: 4 coarse sand) admixed with water proofing compound conforming to IS: 2645 and approved by Engineering-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge : -With average thickness of 120 mm and minimum thickness at khurra as 65 mm.					
11	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			
12	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge Size of Tile 600x600 mm	Sqm	17			
13	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 including normal scaffolding & other requisite support required to perform the job	Sqm	62			
14	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 including normal scaffolding & other requisite support required to perform the job	Sqm	62			
15	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. -With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	62			
16	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coat	Sqm	62			
17	Dismantling tile work in floors and walls laid in cement mortar including stacking material within iim campus lead, cleaning etc. For thickness of tiles 10 mm to 25 mm	Sqm	2.00			
18	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. Concealed work, including cutting chases and making good the walls etc.					
18.1	15 mm nominal outer dia Pipes	Mtr	5.00			
18.2	20 mm nominal outer dia Pipes	Mtr	5.00			
18.3	25 mm nominal outer dia Pipes	Mtr	5.00			
19	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete	Sqm	2			
20	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of	Sqm	2			

	surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.					
21	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	Cum	6.0			
22	Providing and laying in position cement concrete of specified grade excluding the cost of cantering and shuttering - All work up to plinth level 1:3:6 (1 Cement: 3 coarse sand (zone-III): 6 graded stone aggregate 20 mm nominal size).	Cum	2			
23	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	22.0			
24	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	Cum	0.33			
25	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 upto 0.50 sqm	Sqm	0.18			
<b>Total Amount in Rs. (Excluding Goods &amp; Service Tax)</b>						

Name of Bidder Firm \_\_\_\_\_

Email Address \_\_\_\_\_

Contact Person \_\_\_\_\_

Contact Number \_\_\_\_\_

Signature & Seal \_\_\_\_\_