# JAMIA HAMDARD HAMDARD NAGAR, NEW DELHI-110062 NOTICE INVITING TENDER

NIT No.:- JH/Civil/Washrooms./JLN(G&B)/112/23 Date: 22.02.2023

Jamia Hamdard invites sealed items rate Tenders in two bid system (technical & financial) from Reputed Contractors working/worked with Govt./Semi Govt. Departments/Higher Educational Institutions or Working Agencies at Jamia Hamdard for the below mentioned work. The Tender documents and other details are available on the website: <a href="www.jamiahamdard.edu">www.jamiahamdard.edu</a>. Last date of submission of the Tender 02.03.2023 up to 3.00PM.

The bidders are also advised to visit site to satisfy themselves before submitting the bids. Bidders not fulfilling the eligibility criteria may be rejected.

NAME OF WORK: Renovation & Up-gradation of Washroom blocks at JLN International

**Hostel (Girls & Boys Block)** 

**ESTIMATED COST:** Rs. 15,41,522.00

**EARNEST MONEY:** Rs. 30,830.00

**TENDER COST:** Rs. 500 only

TIME PERIOD: 20 Days

The Tender duly filled should be dropped in the Tender Box kept in Purchase Section, Admin Block on or before 01.03.2023 up to 3.00 PM along with demand draft of Tender fee & Earnest Money in sealed envelope clearly specifying the name of work. The D.Ds shall be in favour of "Jamia Hamdard" payable at New Delhi. The Tenders shall be opened on same day at 3.30 PM by the Tender opening committee in the presence of available interested parties in the Office of the Executive Engineer.

In case the required procedure is not followed, the Tender can be rejected. Jamia Hamdard reserves the right to reject any or all Tenders without assigning any reason whatsoever.

Registrar

#### Copy to:

- 1. System Analyst, Computer Center, to kindly upload the NIT with Tender documents on the University's website.
- 2. PA to Finance Officer for kind information
- 3. Executive Engineer for kind information
- 4. Provost for kind information
- 5. A.E. (Civil) for information & necessary action
- 6. Notice board of Admin Block

## JAMIA HAMDARD HAMDARD NAGAR, NEW DELHI-62

### **NOTICE INVITING TENDER**

#### **FOR**

# Renovation & Up-gradation of Washroom blocks at JLN International Hostel (Girls & Boys Block)

# JAMIA HAMDARD HAMDARD NAGAR, NEW DELHI-62

#### (1) SCOPE OF WORK

Renovation & Up-gradation of Washroom blocks at JLN International Hostel (Girls & Boys Block).

The work will be done simultaneously on both wings and each toilet blocks.

#### **ELIGIBILITY CRITIERIA**

- 1. Bidders must have working or worked with Govt. /Semi Govt. Departments/Higher Educational Institutions or Worked/Working Agencies at Jamia Hamdard.
- 2. Contractors should have executed similar nature of works of at least one contract of 80% value of estimated cost of works or two contracts of similar nature of works of 60% value of estimated cost of works or three contacts of similar natures of works of 40% value of estimated cost of works in the last 3 years in any Govt. /Semi Govt. Departments/Institutional Buildings and produce credentials in support thereof
- 3. The Bidders must have GST, PAN and other necessary Registration Certificates.
- 4. Average annual financial turn over should be at least Rs. 15 Lakhs each during the immediate last 3 consecutive financial year with certification from practicing Chartered Accountant.
- 5. Bankers certificate for credit worthiness/Solvency not less than Rs. 10 lakhs.

Bidders have to submit the related copies of the documents and other Certificates justifying the eligibility criteria along with the Tenders documents. The original documents will have to be produced when asked for verification.

#### Note: - Tenders shall also be liable for rejection on any of the following grounds:

- a) Tenders submitted late.
- b) Tenders containing remarks uncalled for.
- c) Conditional Tenders
- d) Tenders not submitted on prescribed Performa.
- e) Telegraphic Tenders.
- f) Tender submitted without E.M.D. and Cost of Tender document.

#### (1) SUBMISSION OF BIDS

Submission of Tender: Tenders should be submitted in two Parts i.e. "Technical bid"(Part-A) and "Price bid" (Part-B) in two separate sealed envelopes. Both the parts should be further put in a single sealed envelope super-scribing NIT No. & name of work, due date for opening, bidder's name & address. The tender duly filled should be dropped in the tender box kept in the Purchase Section; It should not be handed over to any employee of the Jamia Hamdard. No tender shall be accepted later than the time schedule specified above. Any clarifications/amendments/corrigenda etc., to NIT before last date of submission of bid will only be available on our website: <a href="www.jamiahamdard.edu">www.jamiahamdard.edu</a>. Therefore, bidders are advised to keep visiting our website.

#### **Technical Bid(Part-A)**:

In this bid, the bidder shall submit the following:

- a. Covering letter on Company's Letter head
- b. Bio data of company (Company profile, organizational setup, credentials, list of plant, machinery & tools in his possession).
- c. D.D.s of Tender Fee & Earnest Money Deposit.
- d. Copies of all documents as asked in clause 1.2.
- e. Entire NIT (except Price bid) duly signed & stamped by the bidder.

#### Note

- 1. Completion certificate submitted should be issued by an officer not below the rank of Executive Engineer.
- 2. All documents submitted by the bidder should be self-attested along with stamp

#### PriceBid(Part-B):

- i. BOQ is cited on Annexure "X"
- In this bid, the related works' bidders are required to quote his item rates in the above said attached BOQ in accordance with the scope of works, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e. should include all material cost, labour, services, plant/machinery/tools & tackles, ladders &scaffolding required for work, freight, Insurance, Octroi, Govt. duties & levies, GST, Service Tax, Sales Tax etc.),transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be payable to contractor. Further nothing extra in rates will be considered for any variations intender quantities or due to any site difficulties. It is mandatory for bidder to quote all items rate as asked for in the BOQ/ PRICE schedule. Failure in not filling some item rates will lead to rejection of tender. The bidders should quote unconditional rates, neatly written without any overwriting and all pages should be duly signed & stamped. Tenderer should quote their rates both in figure and words.

#### (2) GENERAL TERMS & CONDITIONS

- I. **Earnest Money:** An earnest money of **Rs. 30,830.00** has to be enclosed along with the Bid. The EMD shall only be in the form of Bank Draft in favour of "Jamia Hamdard" payable "New Delhi". No Cheques/Cash shall be accepted as EMD. The EMD of the successful lowest bidder (L1) shall be held back and will be released after completion of the works and site clearance.
- II. **Validity of Tenders:** Tenders shall be valid for our acceptance without any change in rates and NIT conditions for a period of 90 days from the date of opening of price bid.
- III. **Escalation**: No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract
- IV. Completion time: The time shall be the essence of this contract and entire work as titled above is to be completed in all respects within a period of 20 Days from the date of issue of the work order. Any delay in completing the work for reasons attributable to the Contractor is liable for liquidated damages as per clause XI of NIT. Under the force-majeure conditions or delay due to reasons beyond control of the contractor, Jamia Hamdard may grant suitable time extension without penalty for which the contractor has to request along with the justification/ reasons well in advance to Jamia Hamdard for approval without any prejudice to price escalation. No time extension request shall be considered after the expiry of completion period/contract. The decision of the Executive Engineer regarding Time extension will be final and binding on the contractor.
- V. The rates shall be inclusive of all taxes (Service Tax, GST etc.) duties and cartage etc. Jamia Hamdard welfare Relief Fund will be deducted @ 0.25% of the amount of total bill claimed.
- VI. **Site Conditions**: Contractor shall acquaint himself fully with the site conditions and the working environment of Jamia Hamdard before quoting his rates. No Compensation on account of any site difficulties will be entertained, at a later date, after award of the work.
- VII. Before Submitting Tender, the Contractor shall visit and examine the site and satisfy himself as to the site conditions, the correct dimensions of the work and facilities. In case of any doubt, may be clarified from the office of the Engineer In-charge.

Correspondence: All the correspondence in respect of Tender/award of work shall be made to Executive Engineer.

- VIII. **Terms of Payment**: The payment shall be made on submission of the bills in proper format by the contractor after due certification by the engineer responsible for supervision of the work. Contractor will submit one full & final bill after completion of work for claiming payment based on actual quantities of items of work executed as per BOQ and Engineer's instructions.
  - IX. **Labour Laws**: The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance etc. This will be the sole responsibility of the contractor. Jamia Hamdard will not be a party at any stage in any of the disputes relating to the above. In case, Jamia Hamdard has to bear any expenditure due to non-conformance of the above provisions by the contractor, the same will be recovered from contractor's bills.
  - X. Rules governing the Contractor's employees working in the Jamia Hamdard Premises: The contractor's employees working inside the Jamia Hamdard campus will abide by the Centre's rules & regulations for works inside the campus. Any damage to the Jamia Hamdard property due to mishandling, carelessness on the contractor's or his workmen's part will be recoverable from the contractor's bills.
  - XI. **Liquidated damages:** In case the work is delayed beyond the specified completion period for reasons attributable to the contractor, deductions on account of Liquidated damages @0.5% of the contract value per week will be deducted subject to a maximum of 5% of the contract value. However, during the delayed period, Jamia Hamdard also reserves the right to get some portion of work done by any other contractor at the risk and cost of the existing contractor and amount to that effect along with 10% overhead charges will be deductible from his bills/dues.

- XII. Extra or substituted item: If any extra or substituted item appears in the work, contractor shall submit its rate analysis supported with documents which shall be approved by Engineering Department. Analysis of rates will be based on DSR document of CPWD or based on market rates analysis for determining item rate and pay to contractor accordingly.
- XIII. **Defect Liability period**: Defect liability period shall be six (06) months from the date of completion of work. Any defect arising in this period will be rectified by him at his own cost. Failure to do so, shall lead to forfeiture of security deposit.
- XIV. **Security Deposit**: A security deposit equal to 05 % of the value of work will be deducted from Contractor's bills.
- XV. **Release of Security Deposit:** after the completion of the Defect liability period of 06 months subject b satisfactorily rectification of all defects.
- XVI. Contractor should depute a qualified supervisor dedicated for this work, who will monitor and coordinate the works from contractor's side and interact with the Jamia Hamdard Engineers, responsible for supervision of work, on regular basis.
- XVII. Contractor will take due permission for entry of all his workmen in Jamia Hamdard. No unauthorized person will be allowed to work inside.
- XVIII. The contractor will arrange all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same. Watch and ward of all material till the system is taken over by Jamia Hamdard shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.
  - XIX. During execution of work, Engineer can make minor changes in the scope of work as per site conditions or other reasons. Contractor will have no extra claim in his rates for the same.
  - XX. If during the execution of works, any damage is caused to Jamia Hamdard property by contractor's/contractors' workers, contractor will duly make good the loss. Jamia Hamdard has the right to make suitable deduction from contractor's bills along with penalty, if contractor fails to make good the loss.
- XXI. During execution of work, the contractor/contractors should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost. Contractor will have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution of work. The contractors also have to ensure that no one at site violate the safety/preventive measures of COVID-19 guidelines issued by the Government of India such as face mask, social distancing, cleaning of hands etc.
- XXII. Manpower deployed by the contractor at our site for carrying out contract works is strictly prohibited being associated with any other works on the campus.
- XXIII. No material belonging to the contractor whether consumable or non-consumable should be brought inside the Jamia Hamdard campus without proper entry at the Main Gate No. 3 nor any material should be taken out without proper gate pass issued by the authorized representatives of the Centre.
- XXIV. During execution of the work, contractor should dispose of waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.
- XXV. Tenders once submitted will remain with the Jamia Hamdard and will not be returned to the bidders.
- XXVI. Tenders not complying with any of the provisions stated in this Tenders document are liable to be rejected. Jamia Hamdard also reserves the right to accept or reject any or all the Tenders without assigning any reason and do not bind him-self to accept the lowest bidder.

#### ANNEXURE-"B"

#### LIST OF APPROVED MAKES

1.	Ordinary Portland Cement	Ultra Tech, ACC, of 53 Grade or other equivalent brands as approved by the Engineer in-charge
2.	CPVC Pipe	Astral, Supreme or as approved by the Engineer in-charge
3.	PVC Pipe	Prakash, Supreme or as approved by the Engineer in-charge
4.	Sanitary Fittings	Prayag or as approved by the Engineer in-charge

5.	European W.C.	Hindware, Cera or as approved by the Engineer in-charge
6.	Washbasin	Hindware, Cera or as approved by the Engineer in-charge.
7.	Ceramic Tiles	Kajaria, Orient, Somany or as approved by the Engineer incharge.

Note:-Contractors are requested to read the complete Tender documents and visit thesite before submission of Bids

## **ANNEXURE X Bill of Quantities**

## Name of work - Renovation & Up-gradation of Washroom blocks at JLN International Hostel (Boys Block)

S.No	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	Dismantling tile work in walls laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	sqm	200.00		
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	1.00		
3	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	sqm	5.00		
4	Dismantling of flushing cistern, washbasin & water closet of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	each	20.00		
5	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge:  15 mm to 40 mm nominal bore	metre	525.00		
6	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	10.00		
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:  1:2:4 (1 Cement: 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	1.00		
8	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 MYK latecrete-315, jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	Sqm	70.00		

9	Providing and fixing Ist 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.  Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab,	sqm	200.00	
	including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	_		
11	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge.	each	12.00	
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.			
a	20 mm nominal dia Pipes	metre	430.00	
b	25 mm nominal dia Pipes	metre	10.00	
С	40 mm nominal dia Pipes	metre	95.00	
14	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	24.00	
15	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:  15 mm nominal bore	each	12.00	
16	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.  15 mm nominal bore	each	72.00	
17	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 100 mm diameter	each	24.00	
18	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.  15 mm nominal bore	each	24.00	
19	Providing and fixing uplasticised PVC connection pipe with brass unions: 30 cm length 15 mm nominal bore	each	96.00	
20	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	each	36.00	
21	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	each	72.00	

22	Providing and fixing oval type wash basin 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 as existing on site	each	8.00	
23	Providing and fixing 3" dia 6 kg presure PVC pipe for drainage line and stake line (Prakash make)	metre	2.00	
24	Providing and fixing 3" dia 6 kg presure PVC Bend/Tee in drainage PVC line (Prakash make)	each	13.00	
25	Providing and fixing 4" dia 6 kg presure PVC pipe for drainage line and stake line (Prakash make)	metre	10.00	
26	Providing and fixing 4" dia 6 kg presure PVC Bend/Tee in drainage PVC line (Prakash make)	each	13.00	
27	Providing & fixing of C.P. 2 way bib cock including necessary fittings complete as required as per the direction of Engineer in charge	each	12.00	
28	Providing & fixing of C.P. health faucet including necessary fittings complete as required as per the direction of Engineer in charge	each	12.00	
29	Providing & fixing of C.P. brass wash basin mixer including necessary fittings complete as required as per the direction of Engineer in charge	each	24.00	
30	Excavating available cinder including refilling the same complete with all necessary t&p and labour from the sunken portion of the washroom complete as required as per the direction of Engineer in charge	cum	2.50	
31	Providing & fixing of 4" SS jali for drainage purpose complete as required as per the direction of Engineer in charge	each	48.00	
	Total A			,

(Contractor's sign. with seal)

Bill of Quantities

Name of work - Renovation & Up-gradation of Washroom blocks at JLN International Hostel (Girls Block)

S.No	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	Dismantling tile work in walls laid in cement mortar including stacking material within 50 metres lead.  For thickness of tiles 10 mm to 25 mm	sqm	70.00		
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	1.00		
3	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	sqm	5.00		
4	Dismantling of flushing cistern, washbasin & water closet of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50	each	5.00		

	metres lead.			
5	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge:  15 mm to 40 mm nominal bore	metre	160.00	
6	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	
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:  1:2:4 (1 Cement: 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	1.00	
8	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 MYK latecrete-307, jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	Sqm	30.00	
9	Providing and fixing Ist 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	70.00	
10	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :  25 mm thick	sqm	4.00	
11	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge.	each	4.00	

12	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	1.00	
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.			
a	20 mm nominal dia Pipes	metre	160.00	
b	25 mm nominal dia Pipes	metre	50.00	
c	40 mm nominal dia Pipes	metre	16.00	
14	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore	each	4.00	
15	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.  15 mm nominal bore	each	16.00	
16	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 100 mm diameter	each	8.00	
17	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.  15 mm nominal bore	each	16.00	
18	Providing and fixing uplasticised PVC connection pipe with brass unions: 30 cm length 15 mm nominal bore	each	24.00	
19	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	each	9.00	
20	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	each	24.00	
21	Providing and fixing 3" dia 6 kg presure PVC pipe for drainage line and stake line (Prakash make)	metre	5.00	
22	Providing and fixing 3" dia 6 kg presure PVC Bend/Tee in drainage PVC line (Prakash make)	each	5.00	
23	Providing and fixing 4" dia 6 kg presure PVC pipe for drainage line and stake line (Prakash make)	metre	5.00	
24	Providing and fixing 4" dia 6 kg presure PVC Bend/Tee in drainage PVC line (Prakash make)	each	5.00	
25	Providing & fixing of C.P. 2 way bib cock including necessary fittings complete as required as per the direction of Engineer in charge	each	4.00	
26	Providing & fixing of C.P. health faucet including necessary fittings complete as required as per the direction of Engineer in charge	each	4.00	
27	Providing & fixing of C.P. brass wash basin mixer including necessary fittings complete as required as per the direction of Engineer in charge	each	8.00	

28	Removal & refilling of sunken filling material in depressed/suken portion as per the site requirement and direction of engineer in charge	cum	2.00	
29	Providing & fixing of 4" SS jali for drainage purpose complete as required as per the direction of Engineer in charge	each	8.00	
	Total B			
	Total (A+B)  Total in Words			

(Contractor's sign. with seal)