

INSTITUTE OF ADVANCED RESEARCH (IAR)

(Established Under Gujarat Private Universities Amendment Act, 2011)



The University for Innovation

REQUEST FOR QUOTE (RFQ) FOR SUPPLY AND INSTALLATION OF Civil Work OF CHEMISTRY LAB & Toilet.

INSTITUTE OF ADVANCED RESEARCH,
KOBBA INSTITUTIONAL AREA,
GANDHINAGAR - 382426, GUJARAT - INDIA.

Tel: 079-61804300

Visit us: <http://www.iar.ac.in>, Email: procurement@iar.ac.in

RFQ NO: PC-45/2025-26

RFQ FOR ELECTRIC WORK FOR GIRLS HOSTEL.

Sealed bids are invited, from authorized distributors/dealers/manufacturers having a proven track record, for civil work of chemistry lab & toilet with following terms and conditions:

TERMS AND CONDITION OF THE QUOTES:

1. **RFQ FEES:** The non-registered vendors have to pay an amount of INR 1000/- for participating in the bidding process. The bidder should pay the amount of fees by DD with account payee to “Institute of Advanced Research”
2. **Warranty/Guarantee Maintenance:** One year Standard Warranty / Guarantee applied
3. **Installation and Commissioning:** The price should be inclusive of Fitting and installation charges at INSTITUTE OF ADVANCED RESEARCH (IAR), Gandhinagar
4. **Conditional Offer** will not be accepted.
5. **Period of Validity:** Bids shall remain valid for acceptance for a period of 30 days from the date of opening of the bid.
6. **Acceptance of Tender:** The Authority of INSTITUTE OF ADVANCED RESEARCH (IAR), Gandhinagar does not bind itself to accept the lowest priced bid and reserves the right to reject any or the entire tender bids received without assigning any reason thereof. The authority may also decide to empanel more than one bidder or their certified authorized distributors/dealers and fix a price band for the product specifications offered by different companies/brands, compliant to minimum specifications asked in the tender. This is in view of the spectrum of products available in the market, requirements of the University.
7. **Bid:** Bid should be submitted in sealed envelope quoting reference number on the top of the envelope. Stapled with the packet containing Bid documents.

8. Only physical bids will be considered, the bid should reach on the address **INSTITUTE OF ADVANCED RESEARCH, KOBA INSTITUTIONAL AREA, GANDHINAGAR - 382426, GUJARAT - INDIA** on or before **25th May, 2026**. The University will not be responsible for any postal delays.
9. **IMPORTANT:**
 - a) University may accept or reject any or all the bids in part or in full without assigning any reason and does not bind to accept the lowest bid. The University at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof at any time before placing the Purchase Order.
 - b) A bid submitted with false information will not only be rejected but also the bidder will be debarred from participation in future tendering process.
10. The bidders are requested to send any queries and questions on the email ID procurement@iar.ac.in.

Seal and Signature of the Bidder

DATE: 15th March 2026

SUBJECT: COST ESTIMATION OF CHEMISTRY LAB FOR, IAR UNIVERSITY DEPARTMENT OF TECHNOLOGY, GANDHINAGAR

CIVIL CHANGES

Sr. No.	Description	Area / Unit	Size	Qty	Rate per Sq.mt. / Unit	Cost
1	Removal of Windows: with Grill, Ventilators, Glazing, Louvers, Fix Glass, Window with Top Louves etc. (wood of steel) shutters including Chowkhats, Architraves, Holdfasts and other attachments etc. Complete and stacking them within all lead and lift. Work completed as per the instruction of EIC.	Nos.		1.00		
2	Demolition Brickwork - 9"thk.: Demolition of existing brick work at all the floors including covered with either pointing or any plaster or any tiles with staking of servicable materials & disposal of unserviceable materials with all lead and lift work completed as per the instruction of EIC. Work complete including all type of tools, tackles, scaffolding etc. Complete as per instruction of Architect/EIC.	Sq.mt.		2.50		
3	Plinth Beam:	Cb.mt.		3.50		
4	PCC for Ground Floor Flooring: Providing and laying cement concrete 1.4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 20 mm. nominal size) including the cost of form work (if needed) and curing including proper vibration & ramming etc complete. as per the detailed drawing and as directed. Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	Sq.mt.		20.75		
5	Grade Slab: as per structural drawings provided.	Cb.mt.		2.25		
6	9" thk. Brick Work for Wall:	Sq.mt.		43.00		
7	RCC for Lintel Work:	Cb.mt.		0.50		

8	R.C.C. Slab Casting: as per structural drawings provided.	Cb.mt.		3.25		
9	Flooring Work of Tiles: 600 x 600 mm in size with matt finish.	Sq.mt.		110.00		
10	Skirting Work: Providing and laying kota skirting as selected by Architect of premium quality fixed in skirting on 10 mm thick Cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with 6 mm thick-min. 75 mm height of approved shade and as per detailed drawing /instruction and approval by architect.	r.mt.		110.00		
11	Stone Jamb for the Door: Providing and laying approved quality Granite of approved shade, thickness 16-18 mm(selected and sorted for its uniform colour and thickness)., in floor, otta, sill, etc. in required sizes (not exceeding 2.1 m. x 0.75 m.) and shapes, set with cement slurry (minimum 4.4 kg cement/sqm) including 35mm to 70 mm thick (Average thickness 50 mm) cement mortar bedding (thickness of mortar bedding to be decided as per requirement and as directed by EIC or his representative) in 1:6 laid and jointed with white cement and matching pigment including rubbing, re-polishing after fixing to remove any undulation between the joints (if required) with different grades of Emery, refilling of open joints, curing, daily cleaning and mopping, shall be done up to the satisfaction of the EIC (Only finished work will be measured.) etc. all complete as per approved sample by Architect, drawings and instruction of EIC. at all floors / all levels / all heights and all shapes. The rate includes machine cut edges of uniform thickness and beveling and mirror polishing of edges. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue .	r.mt.		7.50		
12	Plastering: Providing & laying 10 to 12 mm thick cement plaster in single coat on brick/concrete walls for interior/ exterior plastering for all floor level and finished even and smooth in cement mortar 1:4 (1 cement :4 sand) finishing with a floating coat of neat cement slurry including curing etc complete. Surface preparation shall include hacking on concrete surface.Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	Sq.mt.		189.00		

13	<p>Paint: Work Wall painting (Two coats) with plastic emulsion paint of approved brand & manufacture on under coated wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth. The Rate shall be including wall putti and primer coat as per requirement. including cost of required Cut-Outs, finishing items/Scaffolding, and for all heights as per complete as per instruction of engineer-in charge and consultant.</p>	Sq.mt.		294.25		
14	<p>False ceiling work (Gypsum board) Providing & fixing suspended false ceiling, which includes Gypsteel ULTRA™ CRP surface ribbed perimeter channels (having one flange of 20mm and another flange of 30mm and a web of 27mm) along the perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610mm centres. Then suspending Gypsteel ULTRA™ CRP surface ribbed intermediate channels of size 45mm (with two flanges of 15mm each) from the soffit at 1220mm centres with Gypsteel ULTRA™ CRP surface ribbed ceiling angle of width 25mmx10mm fixed to soffit with GI cleat and steel expansion fasteners(Mfg by Saint Gobain Gyproc). Then Gypsteel ULTRA™ CRP surface ribbed Ceiling section of having web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the Gypsteel ULTRA™ intermediate channel with the help of connecting clip and in direction perpendicular to the Gypsteel intermediate™ channel at 457mm centres. Single layer of 12.5mm tapered edge Gyproc® MR (conforming to IS 2095 part 1, 2011) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centres. Single layer of 12.5mm tapered edge Gyproc® MR (conforming to IS 2095 part 1, 2011) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centres. Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc Jointing compound and Gyproc Joint Paper tape (as per recommended practices of Saint- Gobain Gyproc India) including cost of required Cut-Outs, finishing items/Scaffolding, and for all heights as per complete as per instruction of engineer-in charge and consultant.</p>	Sq.mt.		110.00		
TOTAL						

**COST ESTIMATION OF NEW ELECTRICAL FOR CHEMISTRY LAB, IAR UNIVERSITY DEPARTMENT OF TECHNOLOGY,
GANDHINAGAR**

25	Air Conditioning: Providing & fixing Air Conditioning as per selection. This item to the satisfaction of the engineer-in charge and consultant. complete as per instruction as directed by site in-charge or architect.	Nos.	3.00		
26	Electrical (Lumpsum Costing): Providing & fixing Fans, Lights, Switchboards, Plugs etc. as per selection. This item to the satisfaction of the engineer-in charge and consultant. complete as per instruction as directed by site in-charge or architect.				
SANITARY FIXTURES AND CP FITTINGS: (All the fittings similar to existing or approved equivalent model)					
1	Demolition Floor Tile: Removal of tiled or any/all types of floors laid in mortar/waterproofing including stacking of servicable materials including bedding cement mortor and disposal of unservicable materials with all lead and lift work completed as per the instruction of EIC. Work complete including all type of tools, tackles, scaffolding etc. Complete as per instruction of Architect/EIC.	sq.mt.	32.250		
2	Demolition Wall Tile Work: Removal of any/all types of tile laid in mortar/adhesive chemical including stacking of servicable materials including bedding cement mortor and disposal of unservicable materials with all lead and lift work completed as per the instruction of EIC. Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	Sq.mt.	130.250		
3	Demolition Brickwork - 9"thk.: Demolition of existing brick work at all the floors including covered with either pointing or any plaster or any tiles with staking of servicable materials & disposal of unserviceable materials with all lead and lift work completed as per the instruction of EIC. Work complete including all type of tools, tackles, scaffolding etc. Complete as per instruction of Architect/EIC.	Sq.mt.	27.500		
4	Demolition Brickwork - 6"thk.: Demolition of existing brick work at all the floors including covered with either pointing or any plaster or any tiles with staking of servicable materials & disposal of unserviceable materials with all lead and lift work completed as per the instruction of EIC. Work complete including all type of tools, tackles, scaffolding etc. Complete as per instruction of Architect/EIC.	Sq.mt.	9.250		

5	Removal of Doors and Windows: with Grill, Ventilators, Glazing, Louvers, Fix Glass, Window with Top Louves etc. (wood of steel) shutters including Chowkhats, Architraves, Holdfasts and other attachments etc. Complete and stacking them within all lead and lift. Work completed as per the instruction of EIC.	Nos.		14.000		
6	Plinth Beam:	Cb.mt.		1.500		
7	PCC for Ground Floor Flooring: Providing and laying cement concrete 1.4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 20 mm. nominal size) including the cost of form work (if needed) and curing including proper vibration & ramming etc complete. as per the detailed drawing and as directed. Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	Sq.mt.		12.250		
8	9" thk. Brick Work for Wall:	Sq.mt.		36.500		
9	6" thk. Brick Work for Wall:	Sq.mt.		24.250		
10	Beam:	Cb.mt.		1.500		
11	Chajja:	Cb.mt.		0.590		
12	R.C.C. Slab Casting: as per structural drawings provided.	Cb.mt.		3.750		
13	Flooring Work of Tiles: 600 x 600 mm in size with matt finish.	Sq.mt.		42.250		

14	<p>Stone Jamb for the Windows: Providing and laying approved quality Granite of approved shade, thickness 16-18 mm(selected and sorted for its uniform colour and thickness)., in floor, otta, sill, etc. in required sizes (not exceeding 2.1 m. x 0.75 m.) and shapes, set with cement slurry (minimum 4.4 kg cement/sqm) including 35mm to 70 mm thick (Average thickness 50 mm) cement mortar bedding (thickness of mortar bedding to be decided as per requirement and as directed by EIC or his representative) in 1:6 laid and jointed with white cement and matching pigment including rubbing, re-polishing after fixing to remove any undulation between the joints (if required) with different grades of Emery, refilling of open joints, curing, daily cleaning and mopping, shall be done up to the satisfaction of the EIC (Only finished work will be measured.) etc. all complete as per approved sample by Architect, drawings and instruction of EIC. at all floors / all levels / all heights and all shapes. The rate includes machine cut edges of uniform thickness and beveling and mirror polishing of edges. The rate shall be inclusive of protecting the flooring by plaster of Paris applying and after completion of work remove or 4 mm thick protection sheet of Supreme make EPE+HM Blue .</p>	r.mt.		69.250		
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15	<p>Glass Window Aluminium: Providing and fixing in position frames and shutter (sliding / fixed / openable - casement) aluminium windows from domel profile sections and domel hardwares accessories as per approved shop drawings/ sample and aluminum sections of approved make like Jindal or equivalent having 50 micron thick polyester powder coated (of approved make, colour, shade and texture) all floors / all levels / all heights / all shapes and for all sizes as per the drawing, specification or as directed by Architect or Engineer - in - Rate shall be inclusive of providing aluminium sections, cutting, fabrication,errection at any level and fixing to the best workmanship manner, including 1) Sheet metal screws and casted aluminum corner cleats(The corner joints of the frane shall be made at 45 degree using die-cast aluminium corner cleats fixed with external byttins with a spring for rapid and secure joint assembly.) etc for assembling the frame and shutter; 2) Glazing clips for receiving infill panel; 3) Best quality wool pile for sliding shutter and compatible EPDM gaskets for making windows weatherproof; 4) Anchor fasteners of HILTI HRDUGT or equivalent for fixing the frame assembly to the RCC or masonry surfaces. Minimum 1 anchor fastener shall be used for every 600 mm length of section for stability of frame. 5) Approved make and colour weather silicone sealent (minimum 6mm width X 6 mm depth) over approved make and colour baker rod but excluding 1) Rough ground to fix a frame with wall or any surface. Work shall have to be carried out as per the approved shop drawings and approved sample. Actual weight of installed Aluminium sections which are visible shall only be measured and shall be considered for the payment. Infill panels shall be paid in relevant tender items. The relevant specifications of item no. 5.01 shall be followed except the item is to be carried out as per the drawing for aluminum windows made of Euro profile aluminium sections.</p>	Sq.mt.		4.250		
16	<p>Flush Door: Providing and fixing 35mm ready made flush door with both side veneer finished as shown in the drg. The door finished with both side veneer in approved colour as per selection. All exposed edges covered with teak wood patti finish with laqure polish in approved shade. Rate shall Including Handle, Lock , Door Stopper, Door Closer, S.S. heavy duty hinges etc. all materials and labour etc. complete as per detail drawing and instruction of engineer-in charge and consultant.</p>	Sq.mt.		19.000		

17	Plastering: Providing & laying 10 to 12 mm thick cement plaster in single coat on brick/concrete walls for interior/ exterior plastering for all floor level and finished even and smooth in cement mortar 1:4 (1 cement :4 sand) finishing with a floating coat of neat cement slurry including curing etc complete. Surface preparation shall include hacking on concrete surface.Work complete including all type of tools, tackles, scaffolding etc complete as per instruction of Architect/EIC.	Sq.mt.		183.250		
18	Paint: Work Wall painting (Two coats) with plastic emulsion paint of approved brand & manufacture on under coated wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth. The Rate shall be including wall putti and primer coat as per requirement. including cost of required Cut-Outs, finishing items/Scaffolding, and for all heights as per complete as per instruction of engineer-in charge and consultant.	Sq.mt.		155.750		
19	Wall Tile Work: 1200 x 600 mm in size with glossy finish.	Sq.mt.		176.750		
20	Verticle Partition for Urinals:	Nos.		3.000		
PLUMBING TOTAL COST						
Sl.No	Description	Unit	Size	QTY	Rate in Rs	Amt in Rs.
SANITARY FIXTURES AND CP FITTINGS: (All the fittings similar to existing or approved equivalent model)						
A1	Wall mounted water closet					
	Providing and fixing of wall mounted EWC with seat cover and wall mounted concealed flush tank with dual flush switch as per approved color and model and Angle cock, EWC - Basic cost 10,000 /--	Nos.		8		
a)	Make :Hindware - Model No-92034					
b)	Flush valve					
	Jaguar-FLV - 1089					
	Providing and fixing of wall mounted IWC with seat cover and wall mounted concealed flush tank with dual flush switch as per approved color and model and Angle cock, IWC - Basic cost 10,000 /--	Nos.		8		
A3	Health faucet					

	Supplying and fixing of CP health faucet consisting of:					
a)	CP angle stop cock with wall flange.					
b)	PVC flexible tube.					
c)	Hand operated spray unit (instant type)	Nos.		8		
	Kohler - Complementary - 12927 IN					
	Jaguar- Model no.573					
A4	Wash basin					
	Supplying , shifting to the place of installation and fixing testing and commissioning of glazed 50 % colour vitreous china wash basin installed below / Above granite or marble with CI / MS brackets, 15mm dia CP single lever basin mixer fitting, 32mm dia CP waste coupling with plug and chain,32mm dia CP brass bottle trap, PVC / CP cold water supply connecting pipe, two no's of 15mm dia CP angle stop cock for cold water supply lines, bottle trap with wall flange etc., Also to include an edge moulding in granite for an inch to prevent water from dripping below and easy cleaning.	Nos		4		
a)	Sanitary Fittings :					
	Kohler - Model No. Caxton - K2211					
	Make :Hindware - Model No-10069					
b)	Pillar cock:					
	Kohler - Model No.K-11545IN					
	Jaguar- Model no.FLR-5015					
C)	Angle Valve					
	Jaguar- Model no.FLR-5053N					
	Kohler - Model No. K-11568IN-7-CP					
d)	Bottle Trap					
	Jaguar- Model no.ALD-769					
	Waste Coupling :					
	Model No :709 Doom Type					
	Wash Basin - Providing & fixing of first quality "Off white " colour Vitreous China Flair bowl Wash Basin of approved size & make installed Over granite counter type, with a pair of brackets, (if below counter) fixing to wall dado with required materials like plastic plugs, packing pieces, screw nails etc, with C.P Mixer cock of approved type & model, 32mm dia C.P.Waste coupling, 32mm dia C.P. bottle trap, C.P.connecting pipe, 15mm dia C.P.angle stop cock, push tap and health facut for cold water supply with wall flange etc. The work Shall include cutting & making good the walls & floors, testing & commissioning the installation .					
	Supplying , shifting to the place of installation and fixing testing and commissioning of 15mm dia CP short body bib cock with CP wall flange.	Nos.		12		

	Jaguar -FLR-5047N					
A7	URINAL WITH SENSOR					
	Supplying, installing, testing and commissioning bone color bone color wash urinals with CP urinal spreader,CP dome grating ,40mm dia heavy cast CP waste coupling, 40 mm dia CP bottle trap, CP extension pipe up to wall , wall flanges, with battery operated sensors, supporting screw / brackets as per manufacturers recommendations , sealant for the joints between fixture and wall surface complete. Make: Parryware/Hindware	Nos		4		
	Kohler - Model no. Patio - 18645 T / Equivalent					
	Make :Hindware					
	Model : 60002.					
	Waste Coupling :					
	Model No :709 Doom Type					
	Make: Jaguar					
	Bottle Trap :					
	Model No :769					
	Make: Jaguar					
	Kohler - Model no. Patio - K8791T					
	Make : JAQUAR ,Model No- CHR-51097					
A9	Kimberley Clarke Tissue Holder	Nos		2		
A9	Supplying , fixing and testing and commissioning of soap dispenser in Polished including cutting and setting in walls with cement joints and making good the wall.	Nos		2		
	Kohler - Model no. Patio - K8791T					
	Make : JAQUAR ,Model No- CAN-1131N					
A11	Supplying , shifting to the place of installation and fixing testing and commissioning of stainless steel toilet paper holder 150 x 150mm with aluminium roller including cutting etc.,	Nos.		8		
	Make-KOHLER					
	Model No -K-10705D-CP/CRUZ/POLISHED CHROME					
	Make : JAQUAR ,Model No- 1153N					

A13	Providing , Fixing , Testing and Commissioning of Solid State, No touch operating fully hygienic Hand drier of approved shade with single blower, with time delay, summer and winter control, music while drying, volume ON/OFF controls including providing necessary brackets, cable from dryer to plug, plug top key and lock etc. complete as required				
	Make-BOBRICK	Nos		2	
	Model No-B-715E				
A15	Robe hook				
	Supplying , Fitting & Fixing of robe hook of approved				
	Make-KOHLER	Nos		2	
	Model- K-17526T				
A16	Pedal Rubbish Bin				
	Supply and fixing of pedal rubbish bin - (Metal type)	QRO		2	
	Parry ware				
	Kohler - Model No. K-17531-CP				
A17	Urinal Partition Providing and fixing in position 25mm thick both side pre-polished telephone black Granite partition 450mm wide x 900mm high as per profile shown in the drawing including cost of all materials, labour, edges rounded off, fixed to brick masonry, joints between masonry and partition shall be filled with joint filling compound and pigmented etc. complete as per directions of engineer-in charge.	Nos		3	
A18	Granite Top - Providing and Fixing in position machine water cut & machine polished 15 - 18 mm thick granite with (BLACK) colour Quality and pattern of the granite with Half/Full rounded nosing approved by the architect. The Granite selected should have uniformity in colour, free from crack, fissure and flakes with straight edges and perfect corners and to have backspash and kerb barrier in granite for a inch to avoid water spill. The granite shall be laid over minimum 20mm thick cement mortar 1:3 (1part of cement and 3 parts of coarse sand) and joints treated with white cement mixed with matching pigments epoxy touch ups, approved equivalent make., Basic Granite rate - Rs. 180/- Sqft.	Sq.m		3	
A19	Thorough checking of existing sunken floor, removal and refilling of filling material, relaying, replacement of all buried pipes, compaction in sunken floor. Providing and Applying of waterproofing treatment for specific toilet sunken floor, existing plumbing to be checked, replaced if found necessary which includes cement plaster in 1:3 with water proofing compound, including curing for 48 hours and tested as per India Waterproofing Co. with a	Sq.m		15	

	guarantee for 10 years finished with neat cement in floor upto 1'-0"ht dado. Two coats of brush coating method over the finish Cement Mortar surface including finishing the top surface to receive the floor tiles as per India Waterproofing Co. Measurements of floor area shall only be considered for said works.					
A20	Providing & fixing bathroom shower 6" with all fixtures and provide dummy for future use in case of exigencies in gents restroom in w.c	Nos		QRO		
TOTAL						
SECTION - B : CPVC PIPES AND FITTINGS (INTERNAL TOILETS / WATERSUPPLY):						
B1	Supplying & fixing of CPVC pipes confirming to ASTM standard including all CPVC fittings like tees, elbows, bends, unions, coupling, reducer tees, collars etc. The work shall include cutting jointing with solvent cement pressure testing the joints pipeline for 10 kg/sq.cm hydraulic pressure, for 2 hours etc., fixed on to the wall in vertical shafts/including making good the walls and floors.					
	Make : Astral or Ashirvad					
	COLD WATERSUPPLY (DOMESTIC & Treated Lines)					
i	15 mm dia Supply & Fixing	Mtr.		29		
ii	20 mm dia Supply & Fixing	Mtr.		5		
iii	25 mm dia Supply & Fixing	Mtr.		10		
iv	32 mm dia Supply & Fixing	Mtr.		7		
v	40 mm dia (DOWNTAKE PIPE AS PER SITE) Supply & Fixing	Mtr.		20		
B2	Supplying and fixing of CPVC ball valves with knob operated and tested to 20kg / sq.cm.					
	Make : Astral or Ashirvad					
i	15 mm dia Supply & Fixing	Nos.		-		
ii	20 mm dia Supply & Fixing	Nos.		-		
iii	25 mm dia Supply & Fixing	Nos.		-		

iv	32 mm dia & Fixing	Supply	Nos.	-		
v	40 mm dia & Fixing	Supply	Nos.	2		
B3	Supplying and fixing of brass body nickel plated automatic air release valves with brass spindle, NBR and jointfranteelastomer,staniless steel spring polypropylene float at the top most points of water supply distribution ring main.					
	20 mm dia Supply:		Nos.	-		
B4	Supplying and fixing of MS brackets fabricated out of L-angle/ flats of required sizes with 6mm / 8mm GI 'U' clamps GI washers for clamping CI / GI / PVC pipes running in service 6mm / 8mm dia full threaded GI rod with necessary GI washers and nuts etcfloor/basement floor. The work shall include grouting in RCC slabs, masonry walls with cement concrete and making good.					
B5	Supplying and fixing 6mm / 8mm dia Anchor fasteners for suspending GI rods for pipe bracket support etc., complete. (Hi - tech make)					
B6	Making of holes in RCC beams and slabs of required size for routing water supply lines to toilets and including packing to boreneetly with concrete and making good the wall and floor.					
i	100mm dia		Nos.	2		
ii	150mm dia		Nos.			
	Make : RB/ Standard					
C1	Supplying , fixing, testing and commissioning of PVC soil, waste and vent pipe confirming to IS 13592 of SWR quality 6 kg / sq.cm pressure rated self fit type with socket and solvent cement joint including all fittings, like Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with solvent cement followed by application of leak proof adhesive concrete 1:2:4 as applicable, curing etc., complete					
	MAKE : PRINCE / SUPREME					
	INTERNAL:					
i	75mm dia 6kg					
		Supply & Fixing	Mtr.	20		

ii	110mm dia 6Kg					
	Supply & Fixing	Mtr.		25		
	MAKE : PRINCE / SUPREME					
C2	Supplying and fixing PVC `P' trap of self cleansing design with or without vent arm complete including cutting and making good the walls and floors.					
	110mm dia inlet 110mm dia out let					
	Supply & Fixing	Nos.		14		
C3	Supplying and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor					
	125mm dia	Nos.		14		
	Supply & Fixing					
C4	Supplying and fixing testing and commissioning of PVC waste pipe of agricultural series confirming to IS 4985 including all fittings like tees, elbows, bends, collars with complete pasting and checking and finishing					
i	40 mm dia (15kg / sq.cm)(Washbasin) Supply & Fixing	Mtr		7		
ii	50 mm dia (15kg / sq.cm) (Urinals) Supply & Fixing	Mtr		8		
	SUB TOTAL					
	Grand TOTAL					

Seal and Signature of the Bidder