

Name Of Work - Waterproofing of Terrace and Bathrooms and Renovation of Canteen Staff Quarters and other allied works, at State Bank Institute of Learning and Development, Pune.

PRICE BID					
Sr. No	Item Description	Quantity	Unit	Rate	Amount
1	G.I. Sheet roofing				
	Providing & fixing in position corrugated G.I. sheet roofing including vertical/curved surface fixed with 8 mm diameter polymer coated J or L hooks, bolts and nuts with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including necessary overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), including making straight cutting in C.G.S. sheet to provide openings for Chimney Stacks, Skylight etc. including cost of 40x5mm MS Flat wind tie etc. complete. Make: CGI Sheets: Tata, JSW or equivalent approved by the Bank.	401.00	SQM		
	1 mm thick Powder coated				
2	Ridge				
	Providing and fixing in position ridges or hips of width 60 cm overall width, made out of plain G.S. sheet fixed with 8 mm dia. polymer coated J or L hooks, bolts and nuts, G.I. limpet and bitumen washers complete as directed at site.	42.00	RMT		
3	Terrace Water proofing				
	Providing and laying in-position integral cement based water proofing treatment average 120mm thick including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:	718.00	SQM		
	a) Applying neat cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by the Bank over RCC slab including adjoining walls up to 300 mm height including cleaning the RCC surface neatly, removing mortar lumps, mortar splashings etc., if any, complete before treatment.				
	b) Providing and laying maximum 20 mm thick cement mortar 1:4 (1cement : 4 coarse sand) admixed with water proofing compound (conforming to IS : 2645) at the rate of 1 kg/bag of cement or as per manufacturers' specifications, including laying in required position in flooring including curing the surface and testing the same for 7 days for water tightness.				
	c) Laying brick bats in cement mortar using broken bricks/brick bats of 25 mm to 115 mm size with 50% of cement mortar 1:4 admixed with approved water proofing compound conforming to IS : 2645 followed by 20 mm thick layer of cement mortar 1:4 admixed with water proofing compound to required slope and treating adjoining walls up to 300 mm height and including rounding at junctions of walls and slabs by following same process.				

	d) After curing the surface by ponding for 5-7 days, 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 SBI. Mode of Measurement : Plan area inside parapet wall				
4	Solar reflective paint				
	Providing and applying with prior surface preparation, a set of coatings by different GRIHA & GREEN PRO certified product systems to provide highly elastomeric High Albedo coatings, the system having minimum Solar Reflective Index value of not less than 109 (SRI), maintaining the thickness of not less than 150 microns for the complete system, providing energy efficiency and reducing the cooling load on the buildings.A Complete Classic Cool roof System of three-coat NIR (Near Infra radiation) reflective coating system with Green Pro & GRIHA certified products, as a cool roof coating system on clean, dirt, oil, grease-free various substrates like Cemented roofs, Cement/ Marble/ terracotta/ Mangalore Tiled roofs, existing China mosaic installed roofs; Shingles, Flat & Slant roofs, GI (Galvanized Iron) roofs, Pre-coated sheet / new existing, pre-installed roofs, old AC (Asbestos/ Cement) roofs, Cement corrugated Sheets with one coat of ceramic-based anchoring primer of Panache make CoolGuard providing strong bonding & reducing the porosity of the substrate, two Highly Reflective elastomeric coats, providing elasticity, elongation, UV resistance with high reflectivity & emissivity to the surface adding the cooling property to the cool roofing system.	718.00	SQM		
	Make : Panache Greentech Solutions Pvt. Ltd- Cool Tops Classic, Indian insulation and engineering -cool roof heat reflective paint, Nippon Paint - Waltron Summer Cool Roof or equivalent product certified by Greenpro				
5	Water proofing treatment for walls				
	Providing and applying required coats of a water based Evercrete Deep Penetrating Sealer (DPS) on cement concrete surface like roads, beams, and columns, plastered walls, basements, roofs, potable water tanks etc to react with cement and to penetrate concrete structure thereby making it resistant to chemicals / chlorides water to make it dust proof and to act as a water resistant at the same time which Strengthens the treated surface and reduce the curing period etc complete. - Note – for item One Number 7 to 4 prior approval of Superintending Engineer will be necessary	168.00	SQM		
6	Downtake pipe				
	Providing, fixing, testing and commissioning in position SWR PVC Pipe Type - B (6Kg/sq.cm) self fit-pipe conforming to IS:13592 including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces / plugs, all jointing with PVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary GI supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge.	42.00	RMT		
	Inside Toilet Area / Terrace & Balcony Drain / Vertical Down Take				
	a) 110 mm dia.				
	Make: Astral / Supreme / Prince or equivalent approved by SBI				

7	Valley gutter				
	Providing and fixing valley gutter of 22 B.W.G. (0.8 mm) plain galvanised iron sheets 120 cm wide with teak wood planking 20 mm thick including two coats of coal-tarring the upper surface of plank etc. complete. (excluding painting to underside of plank).	36.00	RMT		
8	Removing brick bat coba of existing bathroom and W.C.				
	Dismantling manually or by mechanical means existing all types of waterproofing treatment over terrace, sunken area, chajja, water tank at all height and location. The contractor should take care that dismantling of structure should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. All the work shall be carried out as instructed by Architect / SBI. The rate to include carting away unserviceable material / debris to a place approved by Municipal Corporation. The work also includes levelling the ground after carting away.	80.00	CUM		
9	Removing existing tiles of bathroom and W.C.				
	Dismantling manually or by mechanical means all type of existing Floor / Dado / Cladding Tiles including kitchen and vanity platform at all height and location. Removing the existing cement plaster of any thickness without causing dust nuisance and stacking the debris upto a distance of 50 metres. The contractor should take care that dismantling of structure should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. All the work shall be carried out as instructed by Architect / SBI. The rate to include carting away unserviceable material / debris to a place approved by Municipal Corporation. The work also includes levelling the ground after carting away.	167.00	SQM		
10	Dismantling existing sanitary fitting				
	Dismantling manually or by mechanical means all type of existing external and internal pipes in water supply and drainage along with sanitary wares and faucets etc at all height and location. The contractor should take care that dismantling should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. All the work shall be carried out as instructed by Architect / SBI. The rate to include stacking the serviceable material i.e. pipes, sanitary ware like WC, Wash Basins, Faucets etc., as directed at site and carting away unserviceable material / debris to a place approved by Municipal Corporation. The work also includes levelling the ground after carting away.				

	a)All type of pipe size 15 to 50 mm dia. including specials and fittings	66.00	Rmt		
	b) All type of pipe size 75 to 150 mm dia. including specials and fittings	60.00	Rmt		
	c)All type of sanitaryware like WC, Wash Basin, Urinal, Cistern, Sink	67.00	Nos		
	d) All type of faucet like Bib cock, pillar cock, sink cock, angle cock, stop cock, shower, mixer, health faucet, all type of valves				
11	Removing existing doors and windows				
	Dismantling manually or by mechanical means all type of existing doors, window and ventilators frame and panels along with glass and grills, balcony and staircase railing etc. at all height and location. The contractor should take care that dismantling should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. All the work shall be carried out as instructed by Architect / SBI. The rate to include stacking the serviceable material i.e. grills, railings, wood items like door frames, window frames, as directed at site and carting away unserviceable material / debris to a place approved by Municipal Corporation. The work also includes levelling the ground after carting away.	15.00	NOS		
12	Removing existing roof				
	Removing Manglore tiled roof and ridge tiles with battens, ridge and barge boards, eaves 8 A boards etc and sacking the materials as directed with all leads and lifts complete. Including removing wood work below etc. complete.	25.00	SQM		
13	Removing A.C. Sheet roof				
	Removing G.I. or A.C. sheet roofing including sorting serviceable and unserviceable materials, stacking the same as and where directed in the compound including scaffolding etc. complete	376.00	SQM		
14	Removing existing False ceiling				
	Removing existing false ceiling with cleaning debris from site.				
	False ceiling	161.00	SQM		
	Bathroom ceiling	13.00	SQM		
15	Removing Existing Light fittings				
	Removing Existing Light fittings and fixtures including fan. Refixing after completion	17.00	NOS		
16	Ledge Wall				
	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete	5.00	CUM		

17	External Plastering				
	Providing and laying in position external Sand Face Cement Plaster, average 20 mm thk, in two coats, at all heights with first coat of av. 12 mm thk in Cement Mortar 1:5 using natural silt free fine sand, and second coat of average 6 mm thickness in C.M. 1:4, including necessary staging, scaffolding, curing, roughening the first coat to receive second coat of plaster etc, providing approved water proofing compound @1 kg per bag of cement or as specified by the manufacturer and adding polypropylene fibre of approved make as per manufacturers specifications to prevent shrinkage cracks, complete as directed by the Engineer-in-charge.	277.00	SQM		
18	Wall Putty				
	Providing and applying 2 or more coats of Birla putty on internal walls of average thickness of 3 to 4 mm in line & level including its rubbing with sand paper to ensure smooth & even surface including necessary scaffolding etc. complete. Make :- Birla or approved equivalent make	116.00	SQM		
19	Internal Paint				
	Preparing earlier treated surface by scraping, rubbing with sand paper, applying two coats of Birla white putty wherever required, to level the surface, and its rubbing with sand paper, to ensure smooth surface, suitable to receive paint and then applying 2 or more coats of approved colour and shade of Acrylic Emulsion Paint with low VOC content over a coat of approved primer complete as per manufacturers' specifications to internal walls/ceiling including necessary scaffolding etc. complete. Make:- Asian / Berger/ICI or approved equivalent make.	634.00	SQM		
20	External Paint				
	<p>Providing and applying Elastomeric Paint to external walls on old surface as under:</p> <p>a) Preparing the existing surface by scraping and rubbing with sandpaper to remove all loose adhered particles followed by washing with water using wire brush to ensure thorough cleaning and then providing & applying external grade putty over the prepared surface.</p> <p>b) Providing and applying one coat of water based Acrylic anti fungal Primer of approved quality and make.</p> <p>c) Providing and applying one coat of fibre reinforced membrane paint water proofing Coat of "Protek Basecoat" of Asian / "Weather coat long life Roof Guard" of Berger / "Aqua Touch" of ICI or equivalent approved by the SBI having crack bridging ability up to 2.00 mm, superior anti-carbonation & water proofing property.d) Providing and applying 2 or more coats of approved quality External Acrylic Emulsion paint, Exterior grade having anti fungal property, resistance to dust & dirt accumulation, resistance to fading of colours etc. of approved colour and shade Apex Ultima (Asian) / Weather coat All Guard (Berger) / Weather Shield Max (ICI) or equivalent approved by the SBI. Note: Rates to include cleaning afterwards, necessary scaffolding / Cradle, debris safety netting, labour etc. and all heights complete.Make: Asian</p>	396.00	SQM		

21	False Ceiling				
	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made galvanized M.S. sections as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval.</p> <p>Fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended</p>	161.00	SQM		
	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)				
22	Bathroom False Ceiling				
	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made galvanized M.S. sections as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval.</p> <p>Fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended</p>	13.00	SQM		
	12.5 mm thick tapered edge gypsum moisture resistant board				

23	Waterproofing in W.C. and Bath				
	Providing waterproofing in W.C. and bath including brick bat coba in all position including providing and laying 12mm bedding in cement mortar 1:3 on vergin concrete slab with waterproofing compound @ 1Kilogram/per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1 Kilogram/bag of cement grouting and finishing the top layer with 20mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1 Kilogram/per bag of cement and testing the treated portion for 48 hours by pond test and covering ten years' guarantee on requisite stamp paper including curing etc. complete.	4.00	CUM		
24	Waterproof Plaster for Toilet wall				
	Providing waterproof plaster in W.C. and bath 12 mm thick for dado in cement mortar 1:3 with neat finishing, floating using waterproofing compound at the rate of 1 Kilogram. per bag of cement of approved make and manufacturer and curing etc. complete. (Excluding Tiles) (As directed by Engineer in Charge)	61.00	SQM		
25	Internal Plastering for Toilet wall				
	Providing and applying in position average 12/15mm thick smooth finish cement Plaster in cement mortar 1:5 to all inetrnal walls, using fine or Coarse sand and adding polypropylene fibre of approved quality in desired quantity per bag of cement as per manufacturers specifications complete. Rate includes providing chicken mesh to all joints of RCC members with Brick walls in all positions in proper line, level & plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc complete as directed at site. Rate includes making Flush/raised/sunk or moulded bands of any width, recesses, making grooves etc. complete as per Architectural drawings and no extra payment shall be considered for the same.	108.00	SQM		
26	Bathroom Floor tiles				
	<p>Providing & laying in-position anti-skid/Matt finish Vitrified tiles in floor and skirting of approved make and colour uniformly in line, level and in approved design, including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and filling the joints with epoxy based joint filling compound of matching shade, curing the joints etc complete.</p> <p>Rates to include providing & fixing 100 mm high skirting as per drawing flushed with finished surface of wall in line and level and 6 mm wide groove to be made in wall at the junction of skirting and finished surface of wall etc. complete matching to flooring as per direction of Engineer In-Charge.</p> <p>Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco</p>	29.00	SQM		

	Full body anti-skid/Matt finish Vitrified tiles				
	Size of Tile 600 x 600 mm/ 600 x 300 mm/ 300 x 300 mm				
	Vitrified Tiles - Rs. 650/Sqm				
27	Bathroom Dado tiles				
	<p>Providing and laying in position approved quality and shade Nano polish/Glossy/matt finish joint free / paper cut edges Vitrified tiles in Dado, above Kitchen Platform etc. using approved colour and shade including Digital Print as per sample approved by the Engineer-in-Charge fixed over 15mm thick rough finished backing plaster in CM 1:4 fixed with approved quality tile adhesive of Bal Endura /Roff or equivalent approved make including filling joints using white cement/epoxy based joint filling compound with matching pigment including acid cleaning of tiles complete in all respect and at all heights, levels and locations.</p> <p>Rate includes cost of CM 1:4 backing plaster with waterproofing compound, caulking of tiles at corners and execution of work all heights and locations including necessary scaffolding etc. complete..</p> <p>Make: Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco</p>	196.00	SQM		
	Top layer Vitrified Wall Tiles of size 300 x 600 / 600mm x 600 mm				
	Vitrified Tiles - Rs. 650/Sqm				
28	Door for Canteen staff residence				
	<p>Providing and fixing 35mm thick factory made Solid Core Flush Door Single shutters of approved make (ISI mark confirming to IS:2202) as per sample approved including providing 6mm thick TW lipping all around on edges, applying synthetic enamel paint on both side with primer and putty in place of laminate . The rate includes necessary screw/fasteners, hardware and the cost of polishing/painting of edges of shutter complete with following hardware fittings per shutter:</p>	6.00	SQM		
	4 Nos. 125mm x64 mmx 2.5 mm SS Butt Hinges fixed with SS Screw				
	1 Nos. Anodised SS tower bolt -200mm long fixed with SS Screw				
	6-Lever Cylindrical Mortise Lock of Doorset/Godrej with locking lever as per sample approved by the Bank/Architect.				
	1 pair 100 mm long SS handle				
29	Doors for Tollets of Canteen staff residence				
	<p>Providing and fixing in position 32/35 mm thick approved quality and design water proof, solid FRP Doors shutters as per sample approved by the SBI for wash rooms. Each door shutter will have following fittings.</p> <p>(i) 3 nos, 125 mm X 64 mmx 2.5 mm , SS butt hinges,</p> <p>(ii) 1 nos, SS tower bolts 150 mm long ,</p> <p>(iii) 2 nos, SS handle 100 mm,</p> <p>(iv) Knob type lock of Godrej/ Enox /Dorma etc. complete.</p> <p>Make: Advance FRP / Sancom Composites/ Arihant Enterprise or approved equivalent.</p>	11.00	SQM		

30	Granite door frame				
	<p>Providing and fixing 18 to 20mm thk. Jet Black or any other approved shade machine cut, mirror polished, premoulded Granite stone to the Doors / Staircase Steps (Risers and Treads) / kitchen platform / vanity counters / window sills / facias and similar locations in required shape and size laid over 25mm thick cement mortar 1:5 base and fixed with neat cement slurry, filling joints with matching pigment epoxy base joint filler compound, including curing, moulding and mirror polishing to edges complete as directed at site.</p> <p>Note: The Granite to Staircase steps, window sills, vanity counters etc. to be provided in one piece and minimum 7'0" in length for Kitchen platform and similar locations. The rate to include cutting grooves to Staircase Treads, necessary holes for locks, tower bolt etc. Clear visible area shall be paid and no overlapping shall be payable. Basic rate Rs 1,800 / Sq m</p>	6.00	SQM		
31	TV Pannel				
	<p>Laminated Columns/Wall Panelling</p> <p>"Providing and fixing in position wooden paneling to column / walls finished with laminate comprising as under:-</p> <p>(i) Framework:- Made out of 50 mm x 25 mm x 1.2mm thick extruded Aluminium hollow sections, placed not exceeding 600 mm centre to centre, bothways (horizontal and vertical), fixed rigidly on wall / columns in perfect line, level and plumb."</p> <p>"(ii) Panel Finishing:- Providing & fixing 9 mm thick approved make MR plywood to Aluminum framework finished with 1.00 mm thick approved quality and shade laminate, using approved adhesive, in approved pattern & design, including providing grooves, decorative mouldings etc. as per Architectural drawings and as directed at site by the Engineer-in-charge.</p> <p>(iii) Providing approved quality, seasoned, full length, Teak Wood moulding 15 mm thick with adequate width as required at site, to all openings, cutouts etc duly polished with melamine polish complete as directed by the Engineer-in-charge at site."</p> <p>"(iv) The rate should include cost of necessary hardware, making cutouts / openings for electrical conduits / cables, Switch boards, AC ducts etc., including providing necessary wooden/aluminum section members support at cutouts, doors/windows openings etc. complete as per drawings and as directed by the Engineer-in-charge at site.</p> <p>(v) Applying 2 or more coats of melamine polish to exposed</p>	7.00	SQM		

32	Aluminium sliding windows (3 Track)				
	<p>Providing & fixing in position powder coated Aluminium windows made out of 50 micron powder coating Aluminium section of approved make as under :</p> <p>(i) shutter section 18mm X 40mm (wt. 0.56 kg/m) & interlocking sections 18mm X 40mm (wt. 0.625 kg/m) .</p> <p>(ii) 6 mm thick plain clear float glass fixed with glazing clips/rubber/PVC gasket/roller bearing encased in nylon caring & self Locking catch filled in vertical section with all other accessories etc complete as directed by Engineer - in - charge.</p> <p>(iii) Windows frame : 3 Track - Frame size 92mm X 31.75 mm X 1.3mm thk. (wt. 1.07 kg/m) for bottom and 92mm X 31.75mm X 1.3mm thk. (wt. 0.933 kg/m) for top and sides</p> <p>(iv) Silicon sealant to be filled in gap between window frame and sill, siffits jams of the opening .</p> <p>Make :</p> <p>i) Aluminium Section : Hindalco / Jindal / Nalco or equivalent approved by SBI</p> <p>ii) Glass : Saint Gobain / Aasahi Float / Modi Guard or equivalent approved by SBI</p>	2.00	SQM		
33	Aluminium louvered windows				
	<p>Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.</p>	3.00	SQM		
34	Mild steel grill for windows				
	<p>Providing and fixing mild steel grill work for windows, ventilators, etc. 15 Kilogram/ One Square Metre as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete</p>	5.00	SQM		
35	Structural steel for roof				
	<p>Fabricating, providing and fixing in position Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying 2 or more coats of approved synthetic enamel paint over a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.</p>	2.00	M.T.		

36	CPVC Pipes				
	Providing, Laying cutting, jointing, fixing and Testing of SDR-11 Chlorinated Polyvinyl Chloride (CPVC) Pipes conforming to IS:15778, UV resistant, having thermal stability for hot & cold water supply, including all types of CPVC plain & brass treaded specials and fittings as per the requirement, jointing of pipes and fittings with one step CPVC solvent cement and by Teflon tape on threaded end etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Make of all fitting shall be similar to pipe make.	86.00	RMT		
	Rates including concealed work / surface mounted, chases cutting and fixing pipe with GI / CPVC clamps at 1.00 mtr. minimum spacing and making good the walls etc.				
	20 mm dia. Pipe				
	Make: Astral, Supreme, Prince or equivalent approved by SBI				
37	Single lever concealed mixer and diverter				
	Providing & fixing 15 mm C.P. Brass Concealed Mixer & Diverter system with consisting of concealed body of single lever mixer & diverter for bath and shower, 40mm cartridge with button assembly (on top), cartridge sleeves including cutting a chase of appropriate width with chase cutter, connecting the hot & cold water inlet pipe as well as shower and bath outlet pipe to the concealed body in proper line, level and plumb and making good the walls, fixing the C.P. single lever exposed part kit consisting of operating lever, wall flange and button with all fittings and fixtures etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Basic Rate of Single lever concealed mixer and diverter- 1) Body for diverter - Rs. 4,950/ Nos 2) Exposed Kit for diverter - Rs. 3,370/ Nos 3) Spout with flange - Rs. 2,450/ Nos The rate also includes providing and fixing 15 mm C.P. Brass 15 mm Bath Spout of approved quality with aerator, wall flange etc. complete.	12.00	NOS		
	Wall Mixer : Kohler, Duravit, ToTo or equivalent approved by SBI				
	Bath Spout : Kohler, Duravit, ToTo or equivalent approved by SBI				
38	75 mm dia. uPVC Pipe				
	Providing, fixing, testing and commissioning in position SWR uPVC Pipe Class - III (6Kg/sq.cm), conforming to IS : 4985-2000, including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces/plugs all jointing with uPVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary GI supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge.	144.00	NOS		

	Inside Toilet Area / Terrace & Balcony Drain / Vertical Down Take				
	75 mm dia.				
	Make: Astral / Supreme / Prince or equivalent approved by SBI				
39	110 mm dia. PVC Pipes				
	Providing, fixing, testing and commissioning in position SWR PVC Pipe Type - B (6Kg/sq.cm) self fit-pipe conforming to IS:13592 including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces / plugs, all jointing with PVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary G.I. supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge.	49.00	RMT		
	Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations				
	110 mm dia.				
	Make: Astral / Supreme / Prince or equivalent approved by SBI				
40	European W.C.				
	Providing and fixing white vitreous Wall Mounted Type European Water Closet of size 51 X 37 X 34 cm (minimum) with solid plastic seat along with lid, including all fitting like C.I. chair brackets with GI rag bolts, Pan connector, hinges etc. all complete including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Basic Rate of white vitreous Wall Mounted Type European Water Closet - Rs. 12,450/ Nos	15.00	NOS		
	Model : Kohler, Duravit, ToTo or equivalent approved by SBI				
41	Wash Basin				
	Providing and fixing white glazed vitreous Wall Mounted Wash Basin with all accessories like C.I. brackets, C.P. brass waste coupling, waste pipe, pvc connection pipe, painting of C.I. brackets, necessary fittings and hardware like rawl plug, rag bolt etc., cutting and making good the walls wherever required etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Note - Wash Basin size to be decided as per site condition Basic Rate - Rs. 5,600/ Nos	15.00	NOS		
	Basin : Kohler, Duravit, ToTo or equivalent approved by SBI.				
42	15 mm Bib cock				
	Providing and fixing 15 mm C.P. Brass Bib Cock of approved quality with aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge. Basic Rate of 15 mm Bib cock - Rs. 3,450/ Nos	16.00	NOS		
	Model : Kohler, Duravit, ToTo or equivalent approved by SBI				

43	Stainless steel Nahani Trap				
	Providing & fixing Stainless steel Nahani trap of 75mm dia diameter, with necessary distance piece of 75mm dia pipe and 150x150mm SS grating, making necessary slab / wall holes and cutting walls, etc. complete as directed by Engineer-in-charge. (Toilet Area + Kitchen / Utility Area + Balcony Drain)	34.00	NOS		
	Make: Astral / Supreme / Prince or equivalent approved by SBI				
44	Overhead Shower				
	Providing and fixing of Single (Rain) Flow Round CP ABS Overhead Shower of 100mm dia. (minimum) with Rubit Cleaning System including Shower arm, Wall flange and other accessories, installed as per manufacturer's instructions with necessary fittings etc. complete as per the directions of the Engineer-in-Charge. Basic Rate of Overhead Shower - Rs. 2,450/ Nos	7.00	NOS		
	Kohler, Duravit, ToTo or equivalent approved by SBI				
45	15 mm dia. Stop Tap				
	Providing & fixing C.P. Brass Concealed Stop Cock consisting of concealed body of stop cock, including C.P. exposed part kit having sleeve, handle and wall flange with all fittings and fixtures, cutting and making good the walls wherever required etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	7.00	NOS		
	Kohler, Duravit, ToTo or equivalent approved by SBI				
46	Angle cock				
	Providing and fixing 15mm C.P. Angle Cock of approved quality with wall flange etc. complete as per the directions of the Engineer-In-Charge.	23.00	NOS		
	Model : Kohler, Duravit, ToTo or equivalent approved by SBI				
47	2 Way Bib Cock				
	Providing and fixing 15 mm C.P. 2-way Bib Cock of approved quality with aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge. Basic Rate of 2 Way Bib Cock - Rs. 5,150/ Nos	12.00	NOS		
	Model : Kohler, Duravit, ToTo or equivalent approved by SBI				

48	Health faucet				
	Providing and fixing CP ABS Health Faucet with regulator including accessories like CP ABS Wall Hook, and 1.00 mtr. (min.) long flexible SS braided hose pipe (with Nipple, Nut, O-Ring) with gasket, installation kit, all other fittings and fixtures as per the manufacturer's specification etc. complete as per the directions of the Engineer-in-Charge. Basic Rate of Health faucet - Rs. 2,550/ Nos	12.00	NOS		
	Model : Kohler, Duravit, ToTo or equivalent approved by SBI				
49	Liquid Soap Dispenser				
	Providing and fixing C.P. Brass Liquid Soap Dispenser of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Basic Rate of Liquid Soap Dispenser - Rs. 4,580/ Nos	17.00	NOS		
	Model : Kohler, Duravit, ToTo or equivalent approved by SBI				
50	Excavation				
	Earthwork in Excavation, manually or by mechanical means, for foundation of walls, column footings, pile caps, raft, foundations, plinth beams, steps, water tanks, cess pits, etc., in all types of soil including soft or hard moorum, boulders (upto 0.10 cum) shoring the sides wherever necessary, bailing/pumping out sub-soil /rain water and keeping the foundation trenches and pits dry including filling back the trenches by selected and approved quality excavated earth in layers not exceeding 20 cm., watered and consolidated, spreading surplus excavated earth within plot and carting away surplus materials out of site, all complete as directed.	77.00	CUM		
51	Murum Filling				
	Filling approved quality available excavated surplus earth (excluding rock) in trenches, plinth, plinth protection, under floors, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering including all lead, lift and transportation within the site/plot/premises as directed by Engineer-in-charge.	65.00	CUM		
52	DLC (Dry Lean Concrete)				
	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate (natural sand/ VSI grade finely washed crushed sand) conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, , cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant/ Weigh batch mixer, transported to site with all leads and lifts, laid with a paver with electronic sensor /by suitable means as approved by Engineer-in-charge , compacting with vibratory roller, finishing, curing and including preparation of subgrade surface if required etc. complete. with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete.	20.00	CUM		

53	Paving Block				
	<p>Providing and laying approved quality chamfered edge factory made, rubber moulded, M-30 grade cement concrete interlocking paver block manufactured through block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern including laying 50 mm thick compacted bed of coarse sand, filling the joints with fine sand, finishing and sweeping extra sand etc. in footpath, compound area, driveway etc. complete as per the direction of Engineer-in-charge.</p> <p>The rates to inclusive of cutting of paver blocks as per required size and pattern.</p> <p>Make : Alcock, Vyara, Pavit, Kaptim or equivalent approved by the Bank</p>	237.00	SQM		
	80 mm thick Paver block				
	Note : Thickness may marginally vary as per manufacturer's specifications.				
54	Removing existing Pipe				
	Removing Np-2 and Np-3 class pipes including stacking at road side as directed by the Engineer in charge. Upto 900mm dia. etc complete.	33.00	RMT		
55	Removing existing chamber				
	Dismantling the R.C.C. Work 1:2:4 and sorting out the materials such as steel etc. as directed and stacking them within the specified lead as directed etc. complete.	2.00	CUM		
56	I.S.NP 150 mm Pipe				
	Providing and laying concrete pipes of I.S.NP. class of 150mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench complete.	33.00	RMT		
57	Inspection chamber				
	<p>Designing and constructing Inspection Chamber of varying depth and sizes, details as under:</p> <p>a. P.C.C. bed in cement concrete 1:3:6.</p> <p>b. R.C.C. for Foundation Slab of average 100 mm thick in cement concrete cement concrete 1:1½:3 mix with bottom reinforcement 8ø @ 200 c/c both way, alternate bent-up.</p> <p>c. Brick Masonry 230 mm thick with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in CM 1:4.</p> <p>d. RCC Top Slab 150 mm thick in cement concrete 1:1½:3 mix and top & bottom reinforcement 8ø @ 150 c/c both way including embedding with frame for manhole.</p>	8.00	NOS		

	<p>e. Plastering inside and outside of average 12 mm thickness with cement mortar 1:3 with a floating coat of neat cement on inside face including proper water proofing to ensure no ground water seepage in the manhole.</p> <p>f. Providing & fixing PVC coated M.S. foot rests of 20mm ø at 300 mm spacing, benching and making channels with 1:2:4 cement concrete neatly finished.</p> <p>g. The rate also includes excavation (mechanically / manually) in all kind of soil up to required depth, dewatering, necessary centring & shuttering, curing, backfilling earth in exposed side, watering ramming and removing the surplus excavated material and making good the same complete as required.</p> <p>Note :- Construction as per design and drawings approved by the Bank.</p>				
	Chamber size 450 x 900 x 600 mm				
58	Removed sanitary fitting deduction (Buyback)				
		-180.00	NOS		
59	FRP Small Security Cabin				
	<p>Both side finish box panel, box type with 3 windows and 1 door, basic electrical points, inside small counter. Walls: Cabin wall panels will be FRP molded box type both sides finish duly reinforced by structural material and box will be 30mm thick and inside box rock-wool insulation material will be provided.</p> <p>Roof: Molded both sides sloping with structural reinforcement and MS truss.</p> <p>Mounting: MS base frame grid work will be fabricated using suitable design MS section and with the provision of lifting hook by crane.</p> <p>Flooring: 18mm cement board/water proof plywood will be fixed to the main base frame and overlapped with PVC carpet. Wall panel height 7' with 30mm thick box</p> <p style="text-align: right;">Security Cabin Dimension : L= 7' x W= 4' x H= 7'</p>	1	61875		
				Total	-