

**PROPOSED CIVIL WORKS AT NIT CALICUT CAMPUS BUILDING FOR CANARA BANK BRANCH OFFICE/ ATM**

**SCHEDULE OF QUANTITIES**

**PROJECT ARCHITECT - M/s.SHAHID BASHEER - v\_shahidbashir@yahoo.co.in, 94470311414**

SL.No	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
<b>BRANCH OFFICE</b>					
1	<b>Anti-Termite Treatment</b> by injecting chemical emulsion for pre-constructural anti-termite treatment and creating a chemical barrier for walls, trenches, foundation, top surface of plinth filling, foundation of walls, floor, along exterior perimeter of building with pressure pumps etc. complete, conforming to manufacturers specifications & The chemical to be used as insecticides for the treatment shall be CHLOROPYRIPHOS 20% (or) 50% EC and the application shall be dilute one part of chemical 20% or 50% EC with 19 or 49 parts of water to get 1% emulsion and strictly in accordance with the manufacturer's specification (or) The chemical to be used as insecticides for the treatments shall be IMIDACLOPRID 30.5% SC and the application shall be applied at 0.075% active ingredients concentration i.e. 2.1 ml formulated product diluted 1 litre of water and strictly in accordance with the manufacturer's specification. (The actual plinth area shall be measured for payment).	210.00	M <sup>2</sup>		
2	<b>Cement concrete</b> 1:4:8 using 40mm size hard broken stone for <b>flooring</b> including all form work, watering, curing, cost and conveyance of all materials and labour charges etc. complete	2.00	M <sup>3</sup>		
3	Supplying and Erecting <b>centering &amp; shuttering</b> for sides and soffits including supports and strutting upto ground floor roof height with all cross bracing for plain surfaces as detailed below, using mild steel sheets of 90 X 60cm 10 gauge stiffened with MS angle of 25 x 25 x 3mm for boarding, laid over adjustable span & jacks and supported by 50mm dia. pipes for general pipes scaffolding systems at a spacing of 1.20m c/c and verticals connected at a height of 2.0m c/c including 'C' &'U' clamps and base receiver cup at bottom for connecting pipes etc. and removable systems etc. complete				
3a	Floor of Strong room	7.00	M <sup>2</sup>		
3b	Walls of strong room	145.00	M <sup>2</sup>		
3c	Loft in strong room, work platforms, etc.	9.00	M <sup>2</sup>		
3d	Edges of slabs	15.00	M		
3e	Lintels, etc.	3.00	M <sup>2</sup>		
4	Supply & placing M-20 Grade Concrete corresponding to IS 456 using WEIGH BATCHER/ MIXER with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost & conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site & including , sales & other taxes on all materials including all operational, incidental & labour charges such as weigh batching, machine mixing, laying concrete, curing etc., excluding cost of hiring & erecting charges for centering, shuttering, scaffolding, steel & its fabrication charges for finished item of work with minimum cement content as per IS code from standard suppliers approved by the department including pumping, cantering, shuttering, laying concrete, vibrating, curing etc. complete but excluding centering, cost of steel & its fabrication charges for finished item of work for columns, lintels, RCC wall, etc.				
4a	Strong room walls	28.00	M <sup>3</sup>		
4b	Loft in strong room, lintels, work platforms, etc.	11.00	M <sup>3</sup>		
5	Supply, fabrication & placing <b>reinforcement steel</b> of high yield strength ribbed bars of various diameters & grade conforming to IS 1786 for reinforced concrete work. The work includes decoiling, straightening, cutting, bending, fabricating & placing in position, at all levels including lead & lift, according to drawings, specifications etc. complete & supply & use of 18 G black annealed binding wire double fold to tie the bars in position, chairs, pins, spacer bars (unauthorised laps which will not be measured separately neither for payment nor for reconciliation) and providing precast cement/ PVC cover blocks for main reinforcement to ensure specified cover and including all labour charges etc. as directed by site engineer.	4850.00	KG		
6	<b>Laterite masonry</b> in CM 1:6 using neatly dressed laterite stones for superstructure walls including cost and conveyance of all materials and labour charges etc. complete	15.00	M <sup>3</sup>		
7	<b>Solid cement block masonry</b> in CM 1:6 using standard size solid cement blocks for superstructure walls including cost and conveyance of all materials and labour charges etc. complete	4.00	M <sup>3</sup>		

SL.No	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
8	<b>Plastering</b> with 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:4 (1 cement: 4 fine sand)	420.00	M <sup>2</sup>		
9	<b>Plastering</b> with CM 1:4, 12mm thick floated hard and towelled smooth for <b>underside of slab/top and bottom of sunshade</b> including watering, curing, cost and conveyance of all materials and labour charges etc. complete	30.00	M <sup>2</sup>		
10	Providing and fixing <b>M.S. grills</b> of required pattern in frames of windows etc. (fixed to openings /wooden frames with rawl plugs screws etc.) with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	1750.00	KG		
11	Supplying and fixing <b>rolling shutters</b> of approved make, made of 80x1.25 mm M.S. laths with 1.25 mm thick top cover, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.	32.00	M <sup>2</sup>		
11a	Providing and fixing ball bearing for rolling shutters	6	Each		
12	Providing and fixing in position <b>collapsible steel shutters</b> with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	6.50	M <sup>2</sup>		
13	Providing and fixing <b>Fibre Glass Reinforced plastic (FRP) Door Frames</b> of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fibre glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	15.00	Rmt		
14	Providing and fixing to existing door frames. 30 mm thick Fiberglass Reinforced Plastic ( <b>F.R.P.</b> ) <b>flush door shutter</b> in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete.	5.00	M <sup>2</sup>		
14a	Providing and fixing IS : 12817 marked 125 x 64 x 1.90mm size stainless steel butt hinges with stainless steel screws etc. complete.	9.00	Each		

SLNo	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
14b	Providing and fixing aluminium tower bolts of size 100 x 10mm, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete	3.00	Each		
14c	Providing and fixing bright finished brass night latch of approved quality including necessary screws etc. complete.	3.00	Each		
15	<b>Waterproofing</b> Providing water-proof plastering on top of sunshades and toilet walls in cement mortar 1:3 (1 Cement: 3 Coarse Sand), 20mm thick including providing and removing scaffolding, rounding of all corners wherever required smooth rendering etc., complete mixing with water-proof compound of approved make (Fosroc) as per manufacturers specifications with a minimum of 150ml per bag of cement used including curing etc., complete with all lead and lift charges for all heights.	18.00	M <sup>2</sup>		
16	Providing and laying <b>Vitrified tiles</b> in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints of flooring/ wall tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling/ grouting and finishing complete. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily.				
16a	Double charge vitrified tile polished finish of size 600 x 600mm (Cost of tiles - ₹550/M <sup>2</sup> )	240.00	M <sup>2</sup>		
16b	Vitrified tiles Matt/Antiskid finish of size 600 x 600mm (Cost of tiles - ₹600/M <sup>2</sup> )	10.00	M <sup>2</sup>		
17	<b>Paving kota stone slab</b> of size 600 x 600mm of 20mm (top side pre-polished and other side un-polished) for entrance ramp floor area laid in cement mortar 1:4 (one cement four sand), 25mm thick and pointed with 5mm PVC spacers and grouting the joints with suitable epoxy grouting compound (MAPEI of similar make) of matching colour, curing, including polishing with polishing stone and oxalic acid etc., so as to perfect, even and smooth glossy surface and including hire charges for polishing machine, etc. The kota stone slabs and other materials to be used shall be got approved by Bank before using in the work. (Payment for grouting of joints to be made separately).	30.00	M <sup>2</sup>		
18	<b>Dadoing walls with glazing tiles.</b> 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 Bank, 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 grouting the joints (Payment for grouting of joints to be made separately).	50.00	M <sup>2</sup>		
20	<b>Painting exterior walls,</b> roof projections, sun shades, etc. in two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.	150.00	M <sup>2</sup>		
21	Painting all <b>steel work</b> with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.	150.00	M <sup>2</sup>		
<b>SUB TOTAL BRANCH/OFFICE - EXCLUDING GST ₹</b>					

SLNo	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
<b>ATM BLOCK</b>					
<b>LOWER GROUND FLOOR</b>					
1	<b>Earth work excavation</b> for foundation, column footing, etc. in all classes of soil except hard rock and depositing on bank with initial lead up to 50m and lift up to 1.5m including breaking of clods, sectioning of spoil bank, filling in the sides of trenches, basement watering, ramming, consolidating etc. complete.	40.00	M <sup>3</sup>		
2	<b>Random rubble masonry</b> in CM 1:6 for foundation & basement including simultaneous pointing the exposed surfaces of the masonry, watering, curing, cost and conveyance of all materials and labour charges etc. complete	5.00	M <sup>3</sup>		
3	<b>Filling with red earth</b> to lines & levels as per instructions of engineer including shrinkage & shrinkage allowance, cost & conveyance of all materials & labour charges etc. complete.				
3a	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m	26.00	M <sup>3</sup>		
4	<b>Anti-Termite Treatment</b> by injecting chemical emulsion for pre-constructional anti-termite treatment and creating a chemical barrier for walls, trenches, foundation, top surface of plinth filling, foundation of walls, floor, along exterior perimeter of building with pressure pumps etc. complete, conforming to manufacturers specifications & The chemical to be used as insecticides for the treatment shall be CHLOROPYRIPHOS 20% (or) 50% EC and the application shall be dilute one part of chemical 20% or 50% EC with 19 or 49 parts of water to get 1% emulsion and strictly in accordance with the manufacturer's specification (or) The chemical to be used as insecticides for the treatments shall be IMIDACLOPRID 30.5% SC and the application shall be applied at 0.075% active ingredients concentration i.e. 2.1 ml formulated product diluted 1 litre of water and strictly in accordance with the manufacturer's specification. (The actual plinth area shall be measured for payment).	12.00	M <sup>2</sup>		
<b>Note: Minimum 10 years guarantee for all anti termite treatment works shall be provided by the contractor and to cover this guarantee 10% of the final bill amount of this item shall be held till guarantee period.</b>					
5	<b>Cement concrete</b> 1:4:8 using 40mm size hard broken stone for <b>column footing/flooring</b> including all form work, watering, curing, cost and conveyance of all materials and labour charges etc. complete	0.60	M <sup>3</sup>		
6	Supplying and Erecting <b>centering &amp; shuttering</b> for sides and soffits including supports and strutting upto ground floor roof height with all cross bracing for plain surfaces as detailed below, using mild steel sheets of 90 X 60cm 10 gauge stiffened with MS angle of 25 x 25 x 3mm for boarding, laid over adjustable span & jacks and supported by 50mm dia. pipes for general pipes scaffolding systems at a spacing of 1.20m c/c and verticals connected at a height of 2.0m c/c including 'C' & 'U' clamps and base receiver cup at bottom for connecting pipes etc. and removable systems etc. complete				
6a	Footing, foundation, base of columns, etc., for mass concrete.	5.50	M <sup>2</sup>		
6b	Buttress, wall, etc.	21.10	M <sup>2</sup>		
6c	Flat slabs, sloped roof projection, work platforms, etc.	17.50	M <sup>2</sup>		
6d	Edges of slabs	11.20	M		
6e	Lintels, beams, plinth beams, etc.	16.70	M <sup>2</sup>		
6f	Columns, pillars, etc.	14.00	M <sup>2</sup>		
6g	Eaves boards for slab edges.	5.10	M <sup>2</sup>		

SLNo	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
7	Supply & placing M-20 Grade Concrete corresponding to IS 456 using WEIGH BATCHER/ MIXER with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost & conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site & including , sales & other taxes on all materials including all operational, incidental & labour charges such as weigh batching, machine mixing, laying concrete, curing etc., excluding cost of hiring & erecting charges for centering, shuttering, scaffolding, steel & its fabrication charges for finished item of work with minimum cement content as per IS code from standard suppliers approved by the department including pumping, centering, shuttering, laying concrete, vibrating, curing etc. complete but excluding centering, cost of steel & its fabrication charges for finished item of work for columns, lintels, RCC wall, etc.				
7a	Foundation and basement	1.85	M <sup>3</sup>		
7b	Plinth beam, columns, buttress, wall at all levels.	4.00	M <sup>3</sup>		
7c	Beams, coping lintels, work platform, slabs, at all levels.	3.05	M <sup>3</sup>		
7d	Sloped slabs, at all levels.	0.30	M <sup>3</sup>		
8	Supply, fabrication & placing <b>reinforcement steel</b> of high yield strength ribbed bars of various diameters & grade conforming to IS 1786 for reinforced concrete work. The work includes decoiling, straightening, cutting, bending, fabricating & placing in position, at all levels including lead & lift, according to drawings, specifications etc. complete & supply & use of 18 G black annealed binding wire double fold to tie the bars in position, chairs, pins, spacer bars (unauthorised laps which will not be measured separately neither for payment nor for reconciliation) and providing precast cement/ PVC cover blocks for main reinforcement to ensure specified cover and including all labour charges etc. as directed by site engineer.	1300.00	KG		
9	<b>Plastering</b> with CM 1:4, 12mm thick floated hard and towelled smooth for <b>underside of slab/top and bottom of sunshade</b> including watering, curing, cost and conveyance of all materials and labour charges etc. complete	40.00	M <sup>2</sup>		
10	<b>Waterproofing</b> Providing water-proof plastering on top of sunshades and toilet walls in cement mortar 1:3 (1 Cement: 3 Coarse Sand), 20mm thick including providing and removing scaffolding, rounding of all corners wherever required smooth rendering etc., complete mixing with water-proof compound of approved make (Fosroc) as per manufacturers specifications with a minimum of 150ml per bag of cement used including curing etc., complete with all lead and lift charges for all heights.	45.00	M <sup>2</sup>		
<b>UPPER GROUND FLOOR</b>					
11	Supplying and Erecting <b>centering &amp; shuttering</b> for sides and soffits including supports and strutting upto ground floor roof height with all cross bracing for plain surfaces as detailed below, using mild steel sheets of 90 X 60cm 10 gauge stiffened with MS angle of 25 x 25 x 3mm for boarding, laid over adjustable span & jacks and supported by 50mm dia. pipes for general pipes scaffolding systems at a spacing of 1.20m c/c and verticals connected at a height of 2.0m c/c including 'C' & 'U' clamps and base receiver cup at bottom for connecting pipes etc. and removable systems etc. complete				
11a	Flat slabs, sloped roof projection, work platforms, etc.	19.00	M <sup>2</sup>		
11b	Edges of slabs	18.00	M		
11c	Lintels, beams, plinth beams, etc.	9.00	M <sup>2</sup>		
11d	Columns, pillars, etc.	12.00	M <sup>2</sup>		
11e	Eaves boards for slab edges.	7.50	M <sup>2</sup>		

SLNo	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
<b>12</b>	Supply & placing M-20 Grade Concrete corresponding to IS 456 using WEIGH BATCHER/ MIXER with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost & conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site & including , sales & other taxes on all materials including all operational, incidental & labour charges such as weigh batching, machine mixing, laying concrete, curing etc., excluding cost of hiring & erecting charges for centering, shuttering, scaffolding, steel & its fabrication charges for finished item of work with minimum cement content as per IS code from standard suppliers approved by the department including pumping, centering, shuttering, laying concrete, vibrating, curing etc. complete but excluding centering, cost of steel & its fabrication charges for finished item of work for columns, lintels, RCC wall, etc.				
12a	Plinth beam, columns, buttress, wall at all levels.	0.80	M <sup>3</sup>		
12b	Beams, coping lintels, work platform, slabs, at all levels.	3.20	M <sup>3</sup>		
12c	Eaves board for slab edge at all levels.	0.40	M <sup>3</sup>		
<b>13</b>	Supply, fabrication & placing <b>reinforcement steel</b> of high yield strength ribbed bars of various diameters & grade conforming to IS 1786 for reinforced concrete work. The work includes decoiling, straightening, cutting, bending, fabricating & placing in position, at all levels including lead & lift, according to drawings, specifications etc. complete & supply & use of 18 G black annealed binding wire double fold to tie the bars in position, chairs, pins, spacer bars (unauthorised laps which will not be measured separately neither for payment nor for reconciliation) and providing precast cement/ PVC cover blocks for main reinforcement to ensure specified cover and including all labour charges etc. as directed by site engineer.	600.00	KG		
<b>14</b>	<b>Laterite masonry</b> in CM 1:6 using neatly dressed laterite stones for superstructure walls including cost and conveyance of all materials and labour charges etc. complete	4.60	M <sup>3</sup>		
<b>15</b>	<b>Plastering</b> with 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:4 (1 cement: 4 fine sand)				
	Walls upto ground floor roof level	50.00	M <sup>2</sup>		
<b>16</b>	<b>Plastering</b> with CM 1:4, 12mm thick floated hard and towelled smooth for <b>underside of slab/top and bottom of sunshade</b> including watering, curing, cost and conveyance of all materials and labour charges etc. complete	50.00	M <sup>2</sup>		
<b>17</b>	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of verandah slab, ramp, toilet for disabled, etc. with suitable arrangement as per drawing (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	16.00	KG		
<b>18</b>	Supplying and fixing <b>rolling shutters</b> of approved make, made of 80x1.25 mm M.S. laths with 1.25 mm thick top cover, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.	12.00	M <sup>2</sup>		
18a	Providing and fixing ball bearing for rolling shutters	2	Each		

SL.No	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
19	<b>Waterproofing</b> Providing water-proof plastering on top of sunshades and toilet walls in cement mortar 1:3 (1 Cement: 3 Coarse Sand), 20mm thick including providing and removing scaffolding, rounding of all corners wherever required smooth rendering etc., complete mixing with water-proof compound of approved make (Fosroc) as per manufacturers specifications with a minimum of 150ml per bag of cement used including curing etc., compete with all lead and lift charges for all heights.	19.00	M <sup>2</sup>		
20	Providing and laying <b>Vitrified tiles</b> in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints (Payment for grouting of joints to be made separately). The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily.				
	Double charge vitrified tile polished finish of size 600 x 600mm (Cost of tiles - ₹550/M <sup>2</sup> )	13.00	M <sup>2</sup>		
21	<b>Paving kota stone slab</b> of size 600 x 600mm of 20mm (top side pre-polished and other side un-polished) for entrance ramp floor area laid in cement mortar 1:4 (one cement four sand), 25mm thick and pointed with 5mm PVC spacers and grouting the joints with suitable epoxy grouting compound (MAPEI of similar make) of matching colour, curing, including polishing with polishing stone and oxalic acid etc., so as to perfect, even and smooth glossy surface and including hire charges for polishing machine, etc. The kota stone slabs and other materials to be used shall be got approved by Bank before using in the work. (Payment for grouting of joints to be made separately).	4.00	M <sup>2</sup>		
22	Providing and laying 60mm thick factory made cement concrete <b>interlocking paver block</b> of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete	7.00	M <sup>2</sup>		
23	<b>Painting exterior walls</b> , roof projections, sun shades, etc. in two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.	60.00	M <sup>2</sup>		
24	Painting all <b>steel work</b> with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.	30.00	M <sup>2</sup>		
<b>SUB-TOTAL ATM BLOCK ₹ EXCLUDING GST</b>					

SL.No	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
<b>PLUMBING AND RELATED WORKS IN PROPOSED BRANCH</b>					
1	Providing and fixing white vitreous china floor mounted <b>water closet</b> (European type W.C. pan single piece type) with seat and lid, low level flushing cistern, traps, manually controlled device including cutting and making good the walls and floors wherever required (Hindware/ Parryware/ Cera).	2	No		
2	Supplying and fixing 550x400mm <b>wash basin</b> (white), waste coupling, etc. complete including cutting and making good the walls and floors wherever required (Hindware/ Parryware/ Cera).	1	No		
3	Supplying and fixing 18" x 20" size <b>stainless steel sink</b> with single bowl over existing rcc work platform with C.P. cast brass bottle trap with extension piece, rubber adaptor, wall flange C.P. brass chain rubber plug, including cutting and making good the wall/ floors wherever required. (Prince make).	1	No		
4	Supplying & fixing CP 15mm <b>Long Body Bib Cock</b> with Wall Flange (lever type) including necessary fittings cost & conveyance of materials and all labour charges etc. complete (Jaguar).	2	No		
5	Supplying & fixing CP 15mm <b>Pillar Cock</b> with flange (lever type) for wash basin including necessary fittings cost & conveyance of materials and all labour charges etc. complete (Jaguar).	1	No		
6	Supplying & fixing CP 15mm <b>Swan Neck Bib Cock</b> with Wall flange (lever type) for sink including necessary fittings cost & conveyance of materials and all labour charges etc. complete (Jaguar).	1	No		
7	Supplying and fixing 15mm <b>health faucet</b> with 1 Meter length flexible hose connections, etc. complete (Jaguar).	2	No		
8	Supplying & fixing PVC 15mm garden hose extender type <b>Bib Cock</b> for watering plants including necessary fittings cost & conveyance of materials and all labour charges etc. complete (Watertec).	1	No		
9	Supplying and fixing <b>angle cock</b> (lever type), show flange including all necessary fittings etc. complete (Jaguar)	6	No		
10	Supplying and fixing 1m length <b>nylon connections</b> , etc. complete	3	No		
11	Supplying and fixing <b>Towel rod</b> 45cm size (chrome plated type) including necessary fittings cost and conveyance of materials and all labour charges etc. complete.	3	No		
12	Supplying and fixing <b>Soap Dish</b> (chrome plated type) including necessary fittings cost and conveyance of materials and all labour charges etc. complete.	3	No		
13	Supplying and fixing <b>Gratings</b> 5" x 5" (chrome plated type) including necessary fittings cost and conveyance of materials and all labour charges etc. complete. (Viking make)	3	No		
14	Supply and fixing in position best quality PVC IS 4985 - CLASS - III - specified Kg/Sqcm - Soil/ waste pipes, inlet/ outlet pipes for water supply and draining off waste/ soil waste etc. with various size with approved quality and variety of various size confirming having ISI mark and providing leak-proof joints including fixing to the wall with special PVC/ MS clamps, etc., and making connection to all sanitary fittings, wherever necessary and making chipping good portion to the original condition, complying with standard specification etc., complete. (Hycount/ Supreme)				
14a	Supplying and fixing <b>0.75" dia. PVC pipe</b> for internal/ external water line works (10kg/cm <sup>2</sup> ) including all necessary fittings cost and conveyance etc. (Hycount/ Supreme)	30	M		
14b	Supplying and fixing <b>1" dia. PVC pipe</b> for internal/ external water line works (10kg/cm <sup>2</sup> ) including all necessary fittings cost and conveyance etc. (Hycount/ Supreme)	40	M		
14c	Supplying and fixing <b>1.5" dia. PVC pipe</b> for internal/ external water line works (10kg/cm <sup>2</sup> ) including all necessary fittings cost and conveyance etc. (Hycount/ Supreme)	15	M		



SLNo	DESCRIPTION OF ITEMS	QTY.	UNIT	RATE	AMOUNT
14d	Supplying and fixing <b>2.5" dia. PVC pipe</b> for internal/ external waste line works (6kg/cm <sup>2</sup> ) and rain-water harvesting including all necessary inspection type fittings cost and conveyance etc. (Hycount/ Supreme)	60	M		
14e	Supplying and fixing <b>4" dia. PVC pipe</b> for internal closet line work (6kg/cm <sup>2</sup> ) including all necessary inspection type fittings cost and conveyance of material, labour charges etc. complete (Hycount/ Supreme)	45	M		
<b>15</b>	Chlorinated Poly Vinyl Chloride (CPVC- SPEAR) Handle <b>Valve</b> or Gate valve with CPVC fittings with jointing of pipes with one step CPVC solvent including cutting or chasing, testing of the joints complete and making good the walls etc., Rate is inclusive of all material, tools for internal and external water supply arrangements etc.,				
15a	Supplying and fixing <b>1.5" Valves</b>	1	No		
15b	Supplying and fixing <b>0.75" Valves</b>	3	No		
<b>16</b>	Supplying & fixing 4" dia. <b>vent pipe</b> (Hycount/ Supreme)	3	No		
<b>17</b>	<b>Earth work excavation</b> for various tanks and laying of under-ground pipes, etc. in all classes of soil except hard rock and depositing on bank with initial lead up to 50m and lift up to 3.50m including breaking of clods, sectioning of spoil bank, filling in the sides of trenches, basement watering, ramming, consolidating etc. complete.	10.00	M <sup>3</sup>		
<b>18</b>	Constructing an <b>inspection chamber</b> of size 40x40/60cm inside the sewer line upto a depth not exceeding 60cm etc. complete with 10cm thick clay bricks in cement mortar finished smooth with brush coated cement plastering.	5	No		
<b>19</b>	<b>Laterite masonry</b> in CM 1:6 using laterite stones for rain water harvesting pit, soak pit, septic tank, etc. including cost and conveyance of all materials and labour charges etc. complete	1.00	M <sup>3</sup>		
<b>20</b>	<b>Reinforced cement concrete</b> in 1:1.5:3, including cost of steel and steel work, using 20mm size hard granite broken stone for <b>cover slab</b> of various tanks including all form work, watering, curing, cost and conveyance of all materials and labour charges etc. complete	0.50	M <sup>3</sup>		
<b>21</b>	<b>Plastering</b> with CM 1:5, 12mm thick floated hard, towelled smooth and brushed with cement grout including watering, curing, cost and conveyance of all materials and labour charges etc. complete	20.00	M <sup>2</sup>		
<b>SUB-TOTAL PLUMBING</b>				<b>TOTAL EXCLUDING GST ₹</b>	
<b>SUB TOTAL BRANCH/OFFICE - EXCLUDING GST ₹</b>					
<b>SUB TOTAL ATM BLOCK - EXCLUDING GST ₹</b>					
<b>SUB TOTAL PLUMBING AND RELATED WORK - EXCLUDING GST ₹</b>					
<b>GRAND TOTAL EXCLUDING GST</b>					
	<b>PLACE</b>				
	<b>DATE</b>				
				<b>SEAL AND SIGNATURE OF BIDDER</b>	