

**Estimate**  
**UNION BANK**

<b>S. No.</b>	<b>Description of Items</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. ( <b>GARAGE WALL</b> )				
	In cement mortar.	3.5	cum		
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of soil.	70	cum		
3	Sand Filling	50	cum		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : ( <b>PCC</b> ) ( <b>FOOTING AND PLINTH BEAM</b> )				
	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	13	cum		
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering ,shuttering ,finishing and reinforcement - All work up to plinth level :				
	1:2:4 (1 cement : 2 coarse sand incuding manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 4 graded stone aggregate 20 mm nominal size of Recycled Concrete Aggregate (RCA) upto 20%). ( <b>FOOTING</b> )	6.342	cum		
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand incuding manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size RecycledConcrete Aggregate (RCA) upto 20% ( <b>PEDESTAL</b> )	1.873	cum		

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7	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20% ( COLUMN )	3.38	cum		
8	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).( PLINTH BEAM / LINTEL BEAM / ROOF BEAM )	9.93	cum		
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	Cement mortar 1:6 (1 cement : 6 coarse sand)	8.15	cum		
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	Cement mortar 1:6 (1 cement : 6 coarse sand)	18.24	cum		
11	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (SHEAR WALL )	15.53	cum		
12	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1:2 (1 cement : 1 coarse sand (zone-III) derived from natural sources : 2 graded stone aggregate 20 mm nominal size derived from natural sources). (ROOF SLAB )	27.54	cum		
13	CEMENT PLASTER (IN FINE SAND 12 mm cement plaster of mix :				
	1:4 (1 cement: 4 fine sand) ( BOTH INTERIOR & EXTERIOR )	285	sqm		
14	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				

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15	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
	Fixed to steel windows by welding ( 6 WINDOWS )	300	kg		
16	Cement concrete flooring 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	63.5 mm thick with 20 mm nominal size stone aggregate	2.477	cum		
17	Providing and laying Vitrified tiles 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 with white cement and matching pigments etc. 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, leveling system and rubber mallet for placing the tiles gently and easily.				
	Glazed Vitrified tiles Matt/Antiskid finish of size				
	Size of Tile 600 x 600 mm	145	sqm		
18	Centering and shuttering including stutting , propping etc and removal of form suspended floor , roofs , landings , balconies and access platform .	80	sqm		
19	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture ( DOORS & WINDOWS )				
20	Finishing walls with water proofing cement paint of required shade :				
	New work (Two or more coats applied @ 3.84 kg/10 sqm)	516	sqm		
21	Putty	303	sqm		
22	CEMENT PLASTER (IN FINE SAND 15 mm cement plaster of mix :				
	1:4 (1 cement: 4 fine sand) ( ROOF SLAB )	174	sqm		
23	ELECTRICAL AND SANITARY				
24	16 MM DIA BAR				
25	UPVC Sliding Windows , Bath Room Doors and ventilator (WITH LABOUR CHARGES )				
	4'x 4' Windows , 2'6" x 7' Doors and 2'x 2' Ventilator	157	Sqft		
26	Shutter door ( 4'x7' ) 2 NOS	56	Sqft		
27	WPC OR FRP DOOR				
	D ( 4'X7' ) 4 NOS , D1 (3'6"X7') 2NOS	6	NOS		