

Client : State Bank of India

Project : **ADDITIONAL CIVIL & PLUMBING WORKS FOR STATE BANK OF INDIA, WEALTH MANAGEMENT CENTRE, FIRST FLOOR, SBM MAIN BRANCH BUILDING, K.G. ROAD, BANGALORE**

Architects : L.P Diwakar Architect and Associates

**BILL OF QUANTITY : Abstract for CIVIL - PLUMBING Works**

Sl.No	Description	Amount
1.00	Schedule : I (CIVIL Works)	
2.00	Schedule : II (PLUMBING Works)	
TOTAL		

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**BILL OF QUANTITY : Civil and Plumbing Works**

Sl.no	Description	Unit	Rate	Amount
<b>CIVIL WORKS</b>				
<b>1</b>	<b>DISMANTLING WORK</b>			
1.01	Dismantling existing <b>Flooring incl base mortar of all Types</b> and Carting away the Debris to contractors own dumpyard	41	Smt	
1.02	Dismantling existing <b>Plastering at all Heights</b> and Carting away the Debris to the contractors own dumpyard	9	Smt	
1.03	Dismantling existing <b>Doors / Windows / Collapsible Gate</b> of all types incl wood, MS, aluminum etc and handing over the same to the	2	Smt	
<b>2.00</b>	<b>PLAIN CEMENT CONCRETE WORK</b>			
2.01	Providing and filling with <b>Cinder mixed with cement mortar and water proofing compound</b> and well compacted in the sunken floors and finished with a layer of cement slurry complete .	1	Cmt	
2.02	Providing and laying <b>Plain Cement Concrete 1:2:4 - with 12mm downsize</b> course aggregate - Floor Base - <b>upto 75mm thk</b> including cleaning the existing floor, curing etc complete	5	Smt	
<b>3.00</b>	<b>MASONRY</b>			
3.01	<b>Constructing 115 thk brick wall in CM 1:5</b> at all heights with good quality table moulded bricks having crushing strength not less than 35 Kq/sqcm. including curing scaffolding etc., complete.	12	Smt	
<b>4.00</b>	<b>FLOORING / DADDOING</b>			
4.01	<b>Providing and Laying Vitrified Tiles</b> in Flooring laid in design pattern on bed of 20mm (average) thick cement mortar 1: 3 / approved adhesive and laid to slope as required including cement slurry, finishing joints with coloured grout etc complete (Basic price <b>600</b> per smt excluding tax, transportation, wastage,loading/unloading etc )	37	Smt	
4.02	<b>Same as above in skirting 100mm height</b> including chipping the existing plaster and finishing the same after completing the skirting tile work	10	Rmt	
4.03	Providing and fixing <b>Vitrified tiles in Dadoing</b> of approved design colour onto the existing base plaster with approved adhesives / CM 1:3 and including filling the joints with colour grout / jointing compound complete. Tiles to be fixed in perfect line and level and as per pattern / direction and design. Item shall include all necessary tools and plants. scaffolding. wastage etc complete. (Basic price <b>500</b> per smt excluding tax, transportation, wastage,loading/unloading etc )	17	Smt	
<b>5.00</b>	<b>PLASTERING</b>			

Sl.no	Description	Unit	Rate	Amount
5.01	<b>Internal cement plaster 1 : 5 15mm</b> thick in two coats, with backing coat and finishing coat and finished smooth to brick walls / RCC surfaces with lime rendering / ready wall putty including curing etc., complete. <b>Note:</b> Rate to include providing <b>double fold chicken mesh 24G, 150mm width of each fold</b> at all junctions of concrete and masonry including fixing it in position by wire, nails, at all levels.		16	Smt
5.02	<b>Rough plaster in CM 1:5</b> 15mm thick in two coat with backing coat and finishing with rough finish on brick and concrete surface including waterproofing compound in each coat including curing etc., complete		17	Smt
5.03	<b>Waterproof plaster to toilet floors</b> Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C , kitchen and the like consisting of: 1st course of applying cement slurry to bottom and sides of sunk portion with cement at 4.4 Kg/sqm of surface area treated mixed with waterproofing compound conforming to IS 2645 in recommended portions. 2nd course of 20mm thick cement plaster 1:3 ( 1cement; 3 coarse sand) mixed with waterproofing compound conforming to IS 2645 in recommended portion.		5	Smt
5.04	<b>Waterproof CHEMICAL to toilet floors - 2 coats</b> Applying waterproof chemical coating onto the slab / sunk slab surface after thorough cleaning of the surface, applying <b>Fosroc - Brushbond or equivalent in 2 coats and as per manufacturers standard procedure</b> including finishing as directed.		8	Smt
<b>6.00 PAINTING</b>				
6.01	<b>Painting on New Plastered surface - INTERNAL</b> Prepare the surface and apply <b>three</b> coats of <b>Acrylic Emulsion - Asian 'Premium' grade paint</b> with one coat of primer and putty complete.  <b>Re Painting on Existing Surface - INTERNAL</b> Prepare the surface including cleaning, sanding and removing flaked paint and apply <b>two</b> coat <b>Acrylic Emulsion - Asian 'Premium' grade paint on existing painted surface</b> with one coat of primer and putty complete.		16	Smt
6.02	<b>Walls</b>		523	Smt
6.03	<b>Ceiling</b>		176	Smt
6.04	<b>Windows, Doors and Grills</b> with enamel paint of good quality as directed including scrapping the existitng paint, cleaning the surface, applying 2 coats of paint over putty as required etc complete		76	Smt
<b>Total - CIVIL WORKS</b>				

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**BILL OF QUANTITY : Civil and Plumbing Works**

Sl.no	Description	Unit	Rate	Amount
<b>PLUMBING WORKS</b>				
<b>7.00</b>	<b>CPVC Pipes for Water Supply (incl specials)</b>			
	Supplying, installing, testing and commissioning of approved make Chlorinated Polyvinyl Chloride pipes (CPVC) SDR.11, ASTM CTS, The fittings and specials such as tees, elbows, couplers, bends, enlargers etc., with CPVC brass threaded combination / transition specials such as male adapters brass threaded female adapters, brass FPT Tee, Brass FPT elbow etc., where connection with metal is to be made including necessary drilling holes, chasing walls and making the same good in cement mortar 1:1 restore the same original condition neatly as directed by the Engineer in-charge. Joints to be made with CPVC solvent cement as per ASTM D-2846. Etc			
7.01	20 mm dia	5		Rmt
7.02	25 mm dia	5		Rmt
7.03	32 mm dia	5		Rmt
<b>8.00</b>	<b>GM Ball valves (with unions etc., complete.)</b>			
	Supplying, installing, testing and commissioning of approved make GM Ball valves conforming to IS standard with unions etc., complete.			
8.01	32 mm dia	1		Nos
<b>9.00</b>	<b>Nahni Trap</b>	2		Nos
	Supplying, installing, testing and commissioning of PVC floor trap with 110mm dia inlet and 75mm dia. outlet fixed on a bed of cement concrete with 150 x 150mm stainless steel hinged type frame (Heavy duty type) etc., complete. (The frame and grating shall be approved by Architects)			
<b>10.00</b>	<b>Stop Cocks-CP</b>			
	Providing CP stop cocks of Jaquar or equivalent			
10.01	20 mm dia	2		Nos
10.02	25 mm dia	2		Nos
10.03	32 mm dia	1		Nos
<b>11.00</b>	<b>PVC soil, waste and ventilating pipes (SWR)</b>			
	Supplying, fixing and testing PVC soil, waste and ventilating pipes (SWR) - (6kg/Sq cm) conforming to IS:13592 / 1990 -Type B with solvent paste type (conforming to IS : 5382) joints inclusive of all necessary specials like bends, tee, offsets, door bends, junctions, cowls etc., laid under floor / fixed on walls and in pipe shaft etc., complete. The rate shall include necessary MS supports, MS grip bolts angle brackets, hangers, supports as with suitable GI U- clamps, bolts, nuts and washers etc. The clamps shall be painted with two coats of enamel (approved) paint over a coat of primer etc.,			
11.01	110 dia	5		Rmt
11.02	75 dia	5		Rmt

Contractor's Seal and Signature

11.03	50 dia	<div style="border: 1px solid black; padding: 2px 10px;">2</div>	Rmt
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## 12.00 Supply/Installing fittings/fixtures

Providing and fixing Fixtures as per the approved model including all necessary accessories, clamps, studs, flange plates, connection pipes, gaskets etc including testing / commissioning the fixture to working condition (as per model numbers indicated or approved equivalent)

12.01	<b>EWC - Wall Mounted</b> <i>Model JAQUAR - CNS-WHT-963 N</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.02	<b>Wash Basin</b> <i>Model JAQUAR - CNS-WHT-801 with matching Full Pedestal</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.03	<b>Flat Back urinal</b> <i>Model JAQUAR - URS-WHT-13261</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.04	<b>Flush tank for EWC / IWC</b> <i>Model JAQUAR WHC-WHT-184L(EWC) / 184T(IWC)</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.05	<b>One way Bib Cock</b> <i>Model JAQUAR CQT 23037</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.06	<b>Pillar Cock</b> <i>Model JAQUAR CQT-23011B</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.07	<b>Health Faucet with 2 way Bib cock</b> <i>2 Way Bib Cock Model JAQUAR - CQT-23041</i>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.08	<b>Push cock for urinals</b>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.09	<b>Soap Holder</b>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.10	<b>Towel Rail/Towel Ring</b>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.11	<b>Toilet Paper Holder</b>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos
12.12	Providing Mirror with 12mm ply backing framework and pasted with 4mm thick mirror with necessary adhesive. All round beech wood beading with 50x35 mm framework and sealed with sealant etc complete. BW finished with polish in melamine finish <b>0.915 mtr x 0.60mtr</b>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	Nos

<b>13.00</b>	<b>Making connections</b> between the existing WS-Sanitary installation / chambers / water supply etc	<b>LS</b>
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## Total - PLUMBING WORKS