ESTIMATE FOR PROPOSED CIVIL WORK FOR BANK OF BARODA, SHARDA BHAVAN, JVPD, VILEPARLE WEST, MUMBAI.

NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	**BREAKING & REMOVING :** Labour charges breaking & removing the existing damaged plaster only wherever required from the outside walls, parapet walls, chajja, compound wall& wherever required then clearing the debris from the site. Complete as directed by the Architect(Contractor shall visit & inspect the site before quoting the rate) Please note: - Thickness of plaster are average thickness but could be more or less depending upon the existing surface.	1900	Sq.m		
2	**PLASTERING ON WALL WHEREVER REQUIRED IN ENTIRE PREMISES:** The surface shall be cleaned and wetted as specified for cement plaster. Applying 12 mm thk. base coat of cement and sand mortar 1:3 shall be applied uniformly with a trowel and flat board in plumb with the thickness not less than 12 mm. Allow the rendering coat to rest for not less than half an hour. While the rendering is still green, the surface shall be roughened with wire brush. The surface shall be allowed to cure for 3 to 4 days. All loose particles shall be dusted and a second coat of average 6 mm thick cement mortar 1:3 shall then be applied. Sand used shall be screened through a mesh not less than 1/16" and not more than 1/8" equal size and thoroughly washed if required. The finished surfaces shall be lightly pressed with close pricked wooden board or a wet sponge to bring the sand particles into prominence. The plaster work shall be cured after 24 hours of completion of plastering for at least 7 days. The entire plaster shall be surface truly vertically and horizontally incase the thickness of plaster exceeds average thickness at no extra cost will be paid to the Contractors. Rate to including labour, materials, scaffolding, etc., & instructions given by the Bank / Architect (measurement to be taken before plastering & painting)	2300	Sq.m		
3	**PLASTERING ON EXISTING COMPOUND WALL :** Specification as per item no. 2 excluding painting.	850	Sq.m		
4	**FILLING OF CRACKS ON EXTERNAL WALL WITH EPOXY SOLUTION.** Widening existing cracks only as much as required as per site condition then filling up the same with water proof chemical compound as per manufacturer's specifications. (The brand of chemical is as approved by Bank/Architect.) Measurement to be taken after opening the cracks)	550	Rmt		
5	**POLYMER TREATMENT TO THE EXPOSED SURFACE TO THE DAMAGED RAINFORECMENT OF BUILDING :**				

	Checking the entire R.C.C. members, wherever found weak, breaking open the cover concrete of unsound area, removing corrosion in reinforcement by scrubbing and lapping adequately wherever required, applying antirust coat SBR slurry to cleaned reinforcement, applying bond coat of SBR slurry to treated area complete, applying polymer mortar in layers of a maximum thickness of 15 mm in proportion of 1 Kg. Polymer 5 Kg. OPC, 12.5 Kg. screened river sand and building to the required thickness of removed concrete cover including applying SBR polymer bond coat before plastering the structure to nearest fine level. Rate to be including labour, materials, scaffolding, removing the debris, etc.,& instructions given by the Bank / Architect.	2000	Kg.		
6	**POLYMER TREATMENT TO THE EXPOSED SURFACE TO THE RAINFORECMENT IN BASEMENT :** Checking the entire R.C.C. members, wherever found weak, breaking open the cover concrete of unsound area, removing corrosion in reinforcement by scrubbing and lapping adequately wherever required, applying antirust coat SBR slurry to cleaned reinforcement, applying bond coat of SBR slurry to treated area complete, applying polymer mortar in layers of a maximum thickness of 15 mm in proportion of 1 Kg. Polymer 5 Kg. OPC, 12.5 Kg. screened river sand and building to the required thickness of removed concrete cover including applying SBR polymer bond coat before plastering the structure to nearest fine level. Rate to be including labour, materials, scaffolding, removing the debris, etc.,& instructions given by the Bank / Architect.	1500	Kg.		
7	**PLASTERING ON WALL IN BASEMENT :** Specification as per item no. 2 excluding painting.	883	Sq.m		
8	**WATERPROOFING IN BACK & SIDE GUTTER :** Removing the existing floor then filling the holes made by the rats with glass chips and then Providing and fixing waterproofing on the floor with cement concrete half round waterproof vata height 1'-0" on all sides of house gully with proper slope & waterproof compound in Back & side house gully. Then laying of membrane coat on the entire gutter. Complete as directed by the Architect.	800	Sq.m		
9	**PAVER BLOCKS IN BACK & SIDE ON COMPOUND FLOOR .** Removing the existing chequred tile & clearing the debris from the site then levelling the ground level by cutting, cleaning, shrubs, grass, bushes, etc., and filling the holes with appropriate earth level with at no extra cost. The earth removed will be used for fillings and levelling as directed then laying PCC bed (1:3:6) 2 1/2" to 4 1/2" thick with slope as directed by Architect. After proper curing , Paver blocks of approved colour and design will be fixed with 1:3 cement morter. The joints of tiles will be filled with coloured cement slurry to match the tiles.	1132	Sq.m		
10	**CHANGING THE EXISTING CEMENT PIPELINES BY REPLACING NEW PVC PIPE WHEREVER REQUIRED.** Removing the existing damage drainage/soil water pipe and replacing the same with heavy quality high desnsity PVC pipes (ISI mark of reputed make) including plugs,bends, teas, offset, single or double Y junctions, etc.,with or without access door inlcuding testing the pipe, fixed with proper spacer between walls and pipes.The pipes will be joint to the nearest manhole as required.Complete as per instructions given by the Architect.				
i}	4" DIA METER PIPE wherever required for w.c	125	R.m		

ii}	3" DIA METER PIPE wherever required	50	R.m		
iii}	2" DIA METER PIPE wherever required	50	R.m		
iv}	Bracket with U bolt	150	Nos.		
11	**OIL BOND DISTEMPER PAINT FOR STAIRCASE LOBBY :** Remove the existing paint, filling up all the cracks, holes with white cement or crack filler materials, paint the wall with one coat of approved quality primer, put one coat of pulti to make surface smooth, clean the walls with polish paper. Provide second coat of primer and wherever required put the pulti to make walls in level. Apply three coats first quality Oil bond distemper paint. Paint manufactured by Goodlass /Asian paint only as directed by the Architect.	1200	Sq.m		
12	**WEATHER COAT EXTERIOR EMULSION PAINT TO ALL THE EXTERNAL WALLS (MAKE:ASIAN/NEROLAC/BERGER/J & N)** Providing and applying external waterproof Exterior Emulsion Paint of approved make & shade. Before painting the surface all dirt, oil, Greece and organic materials shall be completely removed. The surface shall be washed with spry of water and allow to water to soak into the surface. The weather coat exterior paint shall be applied with hair brush in the number of coats to get uniform finish. after the first coat is dried it shall be cured with water for 24 hours before applying the second coat. Similarly, third coat shall be given to get uniform color. Complete job including labour, materials, scaffolding, removing the debris, etc. & instructions given by the Architect. Apply three coats first quality paint. complete all as directed by the Architect / Bank..	3750	Sq.m		
13	**SYNTHETIC ENAMEL PAINT** Providing & applying as specified in item No. 12 but with Synthetic Enamel Paint to wooden/iron surface e.g. m.s. railing & staircase railing, all the grills, t.w. frames, etc complete all as directed by the Bank/Architect.	350	Sq.m		
14	**FIXING CUDDAPAH STONE ON EXISTING ON GUTTER LINE :** Providing and fixing Caddapah stone above the existing gutter line Size : 3'-0' x 2'-6" fixed with cement morter on one side. Complete as per drawing.	300	Nos.		
15	**WATERPROOFING AROUND PERIPHERY OF THE BUILDING :** Excavation the entire boundry wall of the building 3' to 4' ft. and 6" width on all the boundry sides of the building then treating the wall and floor with membrane coat 3' to 4' ft below and 2'-0" above all entire boundry wall of the building. Then filling up the excavated portion properly to receive the PVC.	360	Sq.m		
	T O T A L RS.				