

BEAUTIFICATION OF SURROUNDING OF eAB BUILDING FOR INDIAN BANK					
No.	Description	Quantity		Rate	Amount
	CIVIL WORK				
	REMOVING WALL/PARTITION/PANELING/BRICK WORK				
1	Remove existing Partitions, Brickwork, M. S. Grills, Rolling shutter, collapsible door, windows, doors & stacking the materials neatly as directed and making good to surrounding beams, columns, wall, pardis etc. complete as directed.	1800	Sq.ft.		
	BRICKWORK 115 MM THK.				
2	Providing & constructing brick masonry in patches 115 mm thick in cement mortar 1:4 at all heights including labour, tools, scaffolding, delivery, unloading, stocking, curing, placing, racking joints etc. complete.	900	Sq.ft		
	EXTERNAL PLASTER				
3	Providing & erecting steel scaffolding, removing existing loose and damaged external plaster at all heights on chajjas, beams, columns, pardies, RC walls, brick walls etc. by well controlled mechanical/manual means to a depth sufficient to expose brick/RCC surface carefully so that damages is not done to the structure including cleaning all the surface of spoils, raking brick joints, groove to be cut at beam & wall, column & wall junction before applying first coat, Groove coated with polyalk WP or equivalent for bonding and waterproof purpose or providing and fixing chickenmesh, uprooting, cutting and removing existing plants & injecting antigrowth chemical at that point before plastering including removing and refixing the existing electrical wiring, removing debris and carting away the same to the Municipal approved dumping ground outside the building Compound. Providing and applying average 20 mm thick sand faced cement ready mix plaster of ultratech or equvalant externally in all positions and level on exposed brick/RCC surfaces in two coats with waterproofing compound of approved make, sponge finished, with first coat in 13-15 mm. thick	2000	Sq.ft.		
	cement mortar 1:4 over moist surface, keeping the surface of base coat rough and second coat after curing for seven days apply in 8-10 mm thick cement mortar 1:3 finished properly in proper line and level by taking out grains with help of Dubba Punch, cure the surface with clean water for 15 days including working in door and window jambs, sills, soffit of chajjas, drip moulds, bands, soffits, roughening the first coat to receive second coat, cure the surface with clean water for 15 days etc. Add in both the coats addition of super plasticisers & polypropylene fibers (125 Grams/bag) of Perma chemical or equivalent brand & as per technical specification no:-iv. Note: 1> For mixing of cement sand mortar ½ or 1 bag mixer must be used, along with tin tray. 2> Sand must be approved screened river sand must be used. Rates are inclusive of Double scaffolding, Mixing Mortar, Pattas, Drip moulds, Corners, Grooves etc. as specified and directed.				
	PLAIN CEMENT CONCRETE				
4	Providing & casting ready mix cement conc. M-15 (4" thk.) for plinth protection (minimum cement contain of 350 Kgs. per Cu.m.) and around building in proper slope as directed by architect with W.C. ratio 0.4 and super plasticizer including mixing, compacting, curing, vibrations, removing existing pavement, removing existing soling, excavation, if required raising or lowering gully traps, Man-holes, Inspection chambers with covers, making & removing of brickwork & plastering, carting away debris, relaying existing rubble soling with kapachi, compacting soling, roughing, spreading broken glass pieces, treating with antitermite chemical of approved	225	Sq.ft.		

	make, filling the joints with molten tar etc. complete.				
	Glazed tile Dado				
5	Providing and fixing coloured glazed tile of make KAJARIA/ JOHNSON/ ASIAN as per design & pattern in dadoing in size of tile 600 x 300 mm or more first quality approved make with single coat base coat plaster and on a bed of 15mm mortar 1:3 (1 cement : 3 sand) in line and level, cleaning the finished surface including raking out the joints, flush pointing of joints of grout all complete, removing carefully existing dado/ Plaster, carting away debris, at all heights as per specifications, and instructions colour and shade matching to the floor tiles as per choice of Architect. The rate also to include the removing of existing Dado etc. with bed mortar to expose the brick wall/mother slab (approx. 3" depth), chipping the R.C.C. surface, curing, mending good the damages, removal of debris from the premises, cleaning the site and carting away debris from site, including providing any short fall materials -ALL complete as per drawing / direction of Bank's Engineer, including curing . including landing. Basic rate taken as Rs.80/sft, including landing.	800	Sq.ft.		
	M.S. GRILLS				
6	Providing, fabricating and fixing M.S. Grills of required pattern with M.S. flats, square or round bars with round headed bolts and nuts or by screws including painting of approved shade, to all steel members including fixing etc. complete. (Weight of grill 15 kg per sqm.)	1000	Sq.ft.		
	Removing & Re-fixing of MS Grills				
7	Removing grills carefully without any damage and stacking the materials as directed by consultant/ society. Re-fixing the grills in the position and to its original location attending the minor repairs and necessary touch-up to damaged plaster during fixing or drilled hole etc. complete.	QRO	Sq.ft.		
	REMOVING & REFIXING CONCRETE PAVERS BLOCK				
8	Removing & refixing with necessary new smooth /glazed finish interlocking reflective (50%)grey/(50%)coloured paver blocks of approved make and shade and pattern of high density 60 mm thick M-25 grade for paving around Building, close jointed over bed of 50mm thick river sand to a tight pattern, laid to proper line and level including compacting, curing, removing existing pavement, excavation, if required raising or lowering gully traps, Man-holes, Inspection chambers with covers, carting away debris, bedding down the completed surface with a plate vibrator or by firmly topping level with mallet and a large flat piece of timber, finishing by brushing clean dry sand over the surface to fill all the joints thoroughly and as directed by Bank/ Architect, cleaning etc. complete.	1500	Sq.ft.		
	TERRACOTTA PAINT TO FLOORING				
9	Providing & applying Emulsion Paint to floor in 2 or more coats over one coat of primer to give an even shade including scraping old surface with coir brush removing old stains from floor, then filling of all visible cracks with polymer paste and liquid, scaffolding curing, cleaning the surfaces etc. complete.	1500	Sq.ft.		
	TOTAL				Rs.
Facelifting of eAB Building at M S Marg for Indian Bank					
	SCAFOLDING				
1	Providing and fixing single scaffolding on the exterior side, up to seven story height made with horizontal & vertical bamboos with working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc; wherever required for inspection of work at required	10000	Sq.ft.		

	locations with essential safety features for the workmen etc; complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.				
CLEANING					
2	Cleaning the sand stone surface and removing dirt, dust, bird dropping, grease, oil, algae, fungus, monkey beats, vegetable growth etc., including providing, applying and washing the surface with liquid Ammonia Chemical of 5% solution and other chemical cleaning agent as approved by Archaeological Survey of India/ Engineer-in-charge, of approved brand and manufacturer, with the help of required scrubbers and also cleaning with machine operated water jet mixed with desired quantity of fine silica where ever required, without causing any scratching/ damage to the stone surface and finally washing the surface with clean water with the help of pressure jet machine, complete in all respect, including taking all precautions to safeguard ventilators, windows, doors etc. by suitable covering so as to avoid any damage to the building/structure, all as per direction of Engineer in-charge (The rate is inclusive of all materials & labours involved except scaffolding).	10000	Sq.ft.		
ANTIFUNGAL WASH TREATMENT					
3	Providing and applying antifungal wash treatment using 3% solution of sodium pentachlorophenate, of reputed brand and manufacturer, on cleaned sand stone surface at desired locations as per direction of Engineer-in-charge (The rate is inclusive of all materials & labours involved except scaffolding).	10000	Sq.ft.		
POINTING					
4	Ruled / Flush pointing on Red sand stone masonry surface with lime, surkhi and marble dust mortar in the ratio of 1:1.5:1/2 {One lime: 1.5 surkhi (50% red and 50% light yellow surkhi): 1/2 marble dust}. (The rate is inclusive of all materials & labours involved except scaffolding).	10000	Sq.ft.		
EXTERIOR ACRYLIC EMULSION PAINT					
5	Providing & applying Exterior Acrylic Emulsion Paint Apex ultima Protek or approved equivalent Acrylic Paint in 2 or more coats over one coat of primer to give an even shade of approved colour to external plastered surfaces including scraping old surface with coir brush removing old stains from walls of the building, then filling of all visible cracks with polymer paste and liquid, scaffolding curing, cleaning the surfaces etc. complete.	10000	Sq.ft.		
PVC AC DRAIN PIPE					
6	Drain Piping: Providing, supplying, laying of 1.5" PVC Drain water pipe on external wall at any height for AC drain or Balcony Drain as directed by Architect including fitting, accessories, bends, elbows, supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete.	250	R.Mtr.		
P.V.C. PIPES					
7	Providing and fixing in position PVC pipe of approved make and having ISI marking with necessary fixtures and fittings, such as bends, tees, single junction, double junction slotted vent offsets, on wall including clamping, making, holes in wall and filling the same from both sides, patchwork plastering, testing including necessary scaffolding, removing existing pipes and conveying and stacking the same on site or as directed etc. complete.				
a	2.5"Dia gas PVC Pipe	150	R.ft.		
b	3"Dia waste water PVC Pipe	325	R.ft.		
c	4"Dia soil PVC Pipe	550	R.ft.		

	SILICON SEALANT				
8	Carefully opening the gaps around aluminium windows, cleaning and drying the same and sealing the gap using Silicon sealant as per manufacturers specifications complete.	1250	R.ft.		
	Removing Tree				
9	Cutting trees from building. The trees shall be cut and removed with their roots. Applying necessary chemical to avoid growing again the tree. All rubbish shall be cleared off and thrown out into a scheduled area as per the government instruction at contractor's end.	1	Job		
	TOTAL			Rs.	
Waterproofing of eAB Building at M S Marg for Indian Bank					
	EXTERIOR ACRYLIC EMULSION PAINT				
1	Providing & applying Exterior Acrylic Emulsion Paint Apex ultima Protek or approved equivalent Acrylic Paint in 2 or more coats over one coat of primer to give an even shade of approved colour to external plastered surfaces including scraping old surface with coir brush removing old stains from walls of the building, then filling of all visible cracks with polymer paste and liquid, scaffolding curing, cleaning the surfaces etc. complete.	1800	Sq.ft.		
2	Terrace water proofing				
	<p>Waterproofing should be carried out by specialised agency with 5 years warranty. An affidavit is to be submitted. Dr Fixit Newcoat Ezee is an elastomeric waterproof coating that provides a seamless and tough waterproof barrier with excellent crack bridging ability that can accommodate movements due to thermal variations in the waterproofing system. Dr Fixit Newcoat Ezee is user friendly and easy to apply. It's a two-coat system, UV resistant and needs no protective screed. No need to dismantle or remove the existing old system which may damage the mother slab. Tough and withstands normal foot traffic. Light weight and adds no extra load on the roof slab.</p> <p>Areas of Application: Building Roofs / Terraces– Flat & Slope, Over existing cementitious waterproofing treatments like sound brick-bat coba, concrete screeds, acrylic coatings, etc.</p> <p>Features & Benefits: Waterproofing: Provides excellent water-resistant barrier on roof / terrace. Tough and abrasion resistant: Suitable for foot traffic. Highly durable and light weight: UV resistant and needs no extra protective screed. Flexible and elastic: Accommodates movements in waterproofing system and covers and bridges hairline cracks. Easy to apply: No need to remove the existing system. Can be brush or roller applied on vertical surfaces without sagging.</p> <p>Method of Application</p> <p>a Surface Preparation: Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles. Ensure that the roof slope is a minimum of 1 in 100 to enable water runoff. In existing old terraces such as brick-bat-coba or screeds, the substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. must be cut and repaired with a polymer-modified screed. Surface cracks must be filled with Dr. Fixit Crack-X or polymermodified mortar in case of wider cracks. Bitumen based waterproofing treatments must be completely removed by mechanical scarification or by any other effective mechanical means.</p> <p>b. Application: Apply one coat of Dr. Fixit Primeseal (diluted with water in the ratio 2:1) at the rate of 100 -110 sq ft/ liter. Allow it to dry for 2-3 hours. Apply the first coat of Dr. Fixit Newcoat Ezee at the rate of 25 sq ft per litre and allow it to dry before taking up the second coat, the rate of application</p>	6000	Sq.ft.		

	<p>being the same. This would ensure correct consumption of material that will deliver a total DFT of 500 -600 micron. Minimum drying time between coats will be 4 to 6 hours. Allow the system to air cure for 7 days minimum.</p> <p>Precautions & Limitations: All corners, gaps, joints, protrusions & outlets shall be coated with extra coat. Do not apply during rains; substrate MUST be in dry condition for application of primer. The product is designed only for foot traffic and not vehicular or movement of machinery or equipment. To achieve the full proof waterproofing, all parapet walls should be covered with Newcoat Ezee. All wall to floor joints must be provided with proper angle fillets prepared with polymer modified mortar using Dr Fixit Pidicrete URP</p>				
	Total			Rs.	
	SUMMARY			Rs.	
	A Beautification of Surrounding of eAB Building			Rs.	
	B Facelifting of eAB Building			Rs.	
	C Waterproofing of eAB Building			Rs.	
	Total			Rs.	
	Add 18% GST			Rs.	
	GRAND TOTAL OF RENOVATION WORK			Rs.	
<p>NOTE : The above quantities are approximately taken for estimation purpose they may increase or decrease. Contractor will be paid for actual work executes against each item. Brief specifications are given for each item. Minor verification in design and specification for each item are likely for which no extra payment will be given. Any of these items may be cancelled.</p>					
<p>NOTE :- Cost inclusive of all taxes other than GST, Transportation, loading, unloading expenses, Excise Duty etc; increase in price of material & Labour. The Contractor estimate shall also include Local Authorities Permission for smooth functioning the work.</p>					