

**TENDER DOCUMENT FOR
PROPOSED EXTERNAL ELEVATION AND CIVIL
WORKS**

**OF
INDIAN BANK**

HEAD OFFICE BUILDING

66, RAJAJI SALAI, CHENNAI 600001

Through electronic mode only

**PART-2
PRICE BID**



INDIAN BANK
SCHEDULE OF QUANTITIES PROPOSED EXTERNAL ELEVATION AND
CIVIL WORKS OF INDIAN BANK HEAD OFFICE, 66, RAJAJI SALAI,
CHENNAI – 600 001

S. No	Description	Qty	Unit	Rate	Amount
	CIVIL WORK				
1	Steel Scaffolding :- Providing Fixing & erecting MS scaffolding at all heights & approach systems from outside of the Building to enable execution of all items of works as required complete with necessary supports Ties, Bracing system etc. complete for safe working with arrangement to arrest falling including dismantling the system as & when the work is over & carting away same.	Sqm	2250.00		
2	Safety Platform :- Providing & making protection platform for safe movement of building occupants & vehicals by using M.S. pipes/ bamboos as runners & min. 10mm ply/G.I. sheet laid over runners at the directed locations & dismantling the same after completion of work etc. complete at first floor level	Sqm	150.00		
3	Vertical Net Covering :- Providing & fixing heavy quality non oven fabrics net having a sieve size not more than 1 mm on the outer scaffolding etc. complete.,	Sqm	2250.00		
4	Horizontal safety net :- Providing & fixing heavy duty safety net made out of high quality nylon rope which can resisit and impact load of 1 ton. Etc. Complete at First Floor level	Sqm	150.00		
5	Removing the existing plastering and replastering 18mm Thick PLAIN CEMENT PLASTER in external walls of cement mortar 1:5(1Cement: 5 Fine M-sand by volume) on masonry,PCC/RCC surfaces including preparation of base, cleaning, hacking of concrete surfaces,marking the button marks packing	Sqm	700.00		



	of electrical, plumbing works, Chicken mesh fixing, scaffolding, finishing, curing etc.for all heights and also including cost of cement etc complete., and as directed and Complete.				
6	<p>Front Portico water proofing treatment:</p> <p>a. Providing and laying water proofing treatment coving with CM 1:3 mixed with water proofing admixture/ equivalent) at the slab wall junction, cutout openings, corners, junctions of pipe and masonry. Applying two coats of brush bond RFX (acrylic polymer cementitious coating as water proofing material) on the sunken slab after proper surface preparation and pressure grouting if required.</p> <p>b. Providing and laying light weight block in portico terrace portion with CM 1:5 including material, Labour etc., complete, 150mm thick in single layer to achieve the slope c. Providing and laying pressed clay tiles (20mm nominal thickness of approved size) with cement mortar 1:4 (1 cement & 4 M-sand) mixed with 2% integral water proofing compound, laid over a bed of 20mm to 30mm thick cement mortar 1:4 (1 cement & 4 m-sand) and finished</p>	Sqm	40.00		
7	Supplying, jointing, testing & Commissioning of approved make UPVC pipe SWR grade A confirming to IS13592 with rubber ring joints for rain water disposal confirming to IS5382.The quoted rate shall include dismantling & removing of damaged pipelines, necessary bends, shoes, supporting, M.S Brackets, G.I. Clamps, anchor fasteners, Grip bolts, nuts and bolts, GI suspenders, etc., complete.				
A	110 mm dia soil pipe	Rmt	50.00		
B	75 mm dia chamber vent pipe	Rmt	50.00		
8	Applying two coats of 100% weatherproof Acrylic emulsion of Apex Ultima Protek (Base coat + Top coats) with weatherproof, antialgai, antifungal, DPUR and long shade fidelity. Surface preparation for all surfaces like RCC/ Rough Plaster/Textured	Sqm	2250.00		



	walls etc to be done as per recommended procedure like surface to be cleaned properly and coated with Acrylic exterior grade Primer of same make / company followed by two Coats of Apex Ultima Protek of desired shade etc, complete.				
9	Applying a trowel based texture coat of Acrylic modified resin and special quality quartz RoughTex Texture which is an intermediate coat (of Asian Paints or Equivalent brands). Surface preparation for all surfaces like RCC/ Rough Plaster/Textured walls etc to be done as per recommended procedure like surface to be cleaned properly, application of a coat of Acrylic exterior grade Primer followed by a coat of desired / recommended pattern of ROUGHTEX texture followed by Acrylic exterior grade Primer and two Coats of Apex Ultima of desired shade.	Sqm	565		
10	Cement Paint: - Providing & applying cement paint in two coats including primer, after necessary surface preparation over old/new surface, cleaning, scaffolding etc. complete. (In Side Duct)	Sqm	200.00		
	Elevation Work				
11	Structural Steel				
	Supplying and fixing in position of MS sub structure system (ISMB, ISMC, Square, Rectangular sections, Base plate etc.,) shall be coated with PU paint. The steel will be Premixed with Epoxy Zinc Phosphate primer of 70 microns and finish with two coats of surface (PU) of 80 Microns. The work above includes shifting and lifting of materials to all floors, all types of arrangements for necessary safety precautions at site. The cost inclusive of all works inclusive of making any opening in RCC / Brick work, if require, fasteners, welding, grinding, Painting etc, complete. at all levels above Ground level.	Kg	15000.00		
12	ALUMINIUM PERFORATED SHEET				
	Supply and installation of Anodized Aluminium Perforated Sheet cladding (shade will be finalized by Bank / Archiotect) using grid work made of	Sqm	1090.00		



	<p>prefabricated aluminium extruded sections of Alloy 6063 T6 with stand the design wind pressure confirming to IS -875 part III. The Aluminium perforated panel as per pattern / type shown in Elevation / as part of Tender drawing. In general, the thickness as Aluminium panel shall be 3.0mm thick.</p> <p>Aluminium perforated panel shall be fixed by using aluminium extruded cleat on the aluminium Powder coated finished frame (Box Frame as per approved shop drawing satisfying the Structural design criteria) with Aluminium stifner and aluminium Pop rivet with spacing shall not exceed 450mm on both horizontal and vertical sides of each panel with suitable size SS 316 grade screw, anchors , bolts & brackets and spacing of screws shall be considered and the groove between the panels is applied with weather sealant DC 789 .</p> <p>The perforation pattern will be done by laser cutting and the sheet will be sheared at all corner to hold the aluminium toggle cleat of 50mm depth 19 x 19 x 2 mm thk L angle at a space of 400 mm c/c. The toggle cleat fixed to aluminium sheet using countersunk screws and the total unit fixed to the back frame of 100 x 50mm x 2mm thk aluminium box section.</p>				
13	CORIAN CLADDING				
	<p>Providing and fixing of corian cladding (Colour: Glacier white) LG Hi macs/ Merino of 12mm thick exterior corian cladding in approved colour and pattern or design as per the elevation. The corian cladding should be fixed to the Aluminum structural framing system. Joints to be filled with the sealant and buffed to match the shade of the corian board and screws. This Rate shall include labour charges for fixing the Screen to the Frame work by using Aluminium Fixtures and Fasteners of Hilti/Fischer or Self Tapping Screws as per approved shop drawings Corian Fabrication, cutting, pasting, sanding and polishing of Corian material, Adhesives of Corian for Jointing. A bud/cove joint to be provided at the internal corners while all external corners to be half</p>	Sqm	900.00		



	<p>rounded. Join the two panels of Corian with a matching Corian adhesive. Finish the joints between two sheets as per the procedure recommended by corian specification to give a inconspicuous seam on the wall. Make provisions for expansion joints as per Architects' instruction at Site, Silicon for pasting, all chemicals for Corian works, Hardware for Corian, fabricator, polisher, jointer.</p> <p>Installation: A frame work consisting of vertical Aluminum Box sections of dimensions 63 x 38 shall be prepared over the entire surface of the Façade wall (Exterior cladding needs to be done). The Prepared panels are then put across the framework in such a way so as to have over lap joints in top down and left-right directions. Check for alignments and finish minor glitches wherever remaining. Framing and Fixing should be of company specification. The quoted rate inclusive of all Materials inclusive of wastages, support systems, fixtures screws, bolt & nuts etc to complete the work at all levels above Ground level.</p>				
14	Terra Cotta clay tiles cladding				
	<p>Supply & Installation of Hunter Douglas NBK Terra Cotta clay tiles NBK TERRART-LIGHT double-leaf, 18 mm thickness (Maximum Length: 1200 mm, Maximum Height: 300 mm), back ventilated, with self-draining open joint system. Tiles shall be of Standard Terracotta Color and finish, Double-leaf construction and have labyrinth top and bottom returns to prevent easy water excess behind tiles. NBK aluminum support system: Aluminum rectangular required box section with gaskets, tile clips and PVC Track for NBK Terra Cotta clay tile elements. The aluminum box system with gaskets, and tile clips, shall serve to support Terra Cotta Pure Natural Clay tiles and drain rainwater.</p> <p>Design system to accommodate thermal movement. NBK Terracotta tiles must be removable, without breakage or disruption to adjacent tiles. Tile clips must be concealed. Fastening devices: stainless</p>	Sqm	300.00		



	steel screws, Anchor fasteners, nut & bolt all inclusive. The basic design of the aluminum support system for NBK TERRART-LIGHT 18 mm TILES and NBK TERRART-BAGUETTES must be based upon the open ventilated façade principle. The rate inclusive of all fixtures, screws, bolts & nuts, lead and lift etc complete.				
15	ALUMINIUM COMPOSITE PANEL CLADDING				
	Supply and fixing Aluminum Composite Panels of external wall cladding tray type in combination of solid / metallic color including all necessary frame work and complete panel should consist of 3.0 mm thermoplastic core of Anti-toxic LDPE sandwiched making a total panel thickness of 4mm (0.50mm skin) .the surface will be furnished with pvd coating on topsides and service coating on reverse side would be in polyester paint. The system shall be fixed using (50mmx25mmx2mm) aluminum Rectangular box section for mullions and transom and galvanized steel bolts and nuts complete and all other necessary accessories. The bracket M.S support (50mmx50mmx3mm) shall be designed as per manufacturer's specification. Sealing shall be done, using weather sealant of Ultra-pruf from Boss 389. Rate inclusive of all necessary fixtures etc complete the work. Non FR ACP considered	Sqm	60.00		
16	SHERA PLANK				
	Providing and Fixing Shera Plank in Elevation Uncoloured 8 mm thick of size 150 mm fixing with Pattern Overlapping/normal fixed with screws, bolts & Nut extra complete including One coat of Cement primer and two coats of paints as directed by the Architects. The rate inclusive of all Materials, Necessary fixtures etc to complete the work at all levels.	Sqm	50.00		
17	Providing and laying 20mm thick Granite stone of uniform colour for staircase steps laid over 20 to 30mm thick cement mortar 1: 4 (one part cement + 4 part M-sand) as per design & pattern in Elevation	Sqm	50.00		



	given by the Architects. The rate shall include the cost of granite, cement, M-sand, labour for laying, edge moulding, half rounding, skirting, etc complete as directed by the engineer incharge. Basic rate taken as Rs 150/sft.				
18	Supplying and fixing of LED sign board size 12 x 12 ft 3mm tk ACP back ground, 3D acrylic letters, side covered by 18 guage stainless steel finish with samsung LED lights and power supply. Logo size 10 x 10 feet installed with existing perforated sheet with No. 10 ss screws as shown in the elevation	LS	1.00		
19	Total				
20	GST @ 18%				
21	Gross Total (Including GST)				
22	Amount in words				

