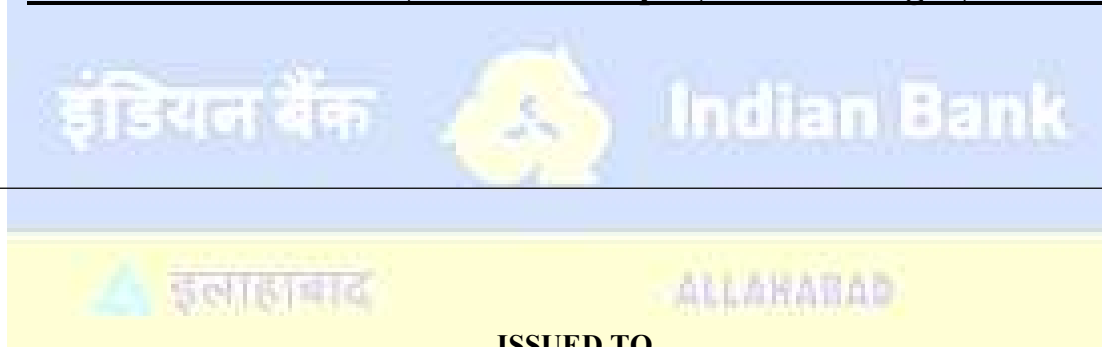


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PART-II: PRICE BID

**Terrace Water Proofing and allied Civil Works to be Carried out at the
Terrace of Indian Bank, IMAGE Campus, M. R. C. Nagar, Chennai.**



ISSUED TO

M/s. _____

This document contains 7 pages

Ref: CO:EST:SV:IMAGE:TWP: QUOTE:01 / DATE: 24.02.2023

Last Date of Submission: 06.03.2023, Time: 03.30 PM

Estimated Cost of Works: 10.30 Lakhs



Water Proofing and allied Civil Works to be carried out at the Terrace of Indian Bank, IMAGE Campus.

BOQ SPECIFICATIONS					
S.No	Description	Qty	Unit	Rate	Amount
1.	DEMOLITION WORKS: Carefully dismantling and cutting the Existing roof tiles, cement plaster, brick work (4"/9") wherever required with all heights with special cutter, all accessories, arrangements and carting away the rubbish and debris from the site and complete as per standards without affecting adjacent structure like column, beam, brick work etc. Cost include all necessary accessories like tools, cuttings charges for reinforcement in all sizes at any heights, labour charges, scaffolding, loading, unloading charges, lead & lift from basement to all floors wherever required, hire charges, transportation, conveyance charges and etc. Complete as per drawings and instructions of the Consultant /bank engineer.	50	Sq mt		
2.	Brick Work 115mm Thick for planter box and water Body Structure - Providing and constructing 115mm thick brick masonry with C.M 1:4 mixed along with approved brand water proof compound in the recommended proportion with approved quality bricks of standard size and specifications with necessary accessories like curing, leveling, wastages, transport, loading, unloading charges, tools, labours, scaffolding, lead & lift to all floors, hire charges, materials etc. Complete at all height Complete as per instructions of the Consultant /bank engineer. Cement: ACC, Ultratech, Ambuja or equivalent Water proof compound: Pidilite, fosroc, sika, fibrex or equivalent.	150	Sq mt		
3.	Reinforced (10 mm & 6mm dia with 20g binding wire- 2runs) precast Concrete Slab as per the site condition/size of 3" thick (M20: 1:1.5:3 ratio, Cement: M sand and 20 mm & 12 mm metal/aggregate) including necessary Centering, shuttering,	2.25	Cu mt		



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	curing with jute bag including wastages, transport, loading, unloading charges, tools, labours, lead & lift to all floors, placing in position, hire charges, materials and etc. Complete at all height as per instructions of the Consultant /bank engineer. Approved reinforcement: Tata, Jindal, SAIL or equivalent.				
4.	WATER PROOF PLASTERING: Plastering the new brick works in C.M. 1:4 (1 Cement 4 river sand) with thickness varying from 12mm to 20mm with water proof compound (Algi proof) at 2% by weight of cement all heights in external surfaces. Rates to include cost of all materials laid to slope towards the rain water outlet as per direction labour, transport, loading, unloading charges, hire charges, tools, curing and completion the work in all respects as per instructions of the Consultant /bank engineer. Approved water proof compound: Pidilite, fosroc, sika, fibrex or equivalent.	400	Sq mt		
5.	Supply and Fixing Geo Textile Sheet 250gsm in positions per manufacturer specification and as per drawing include cost of all materials, labour, transport, loading, unloading charges, hire charges, tools, and completion the work in all respects as per instructions of the Consultant /bank engineer.	120	Sq mt		
6.	Supply and Fixing Drainage Cell 30 mm in positions per manufacturer specification and as per drawing include cost of all materials, labour, transport, loading, unloading charges, hire charges, tools, and completion the work in all respects as per instructions of the Consultant /bank engineer.	50	Sq mt		
7.	Supply & Carrying out Bituminous Membrane (3mm thick) Waterproofing over Existing terrace tiles Preparing the terrace surface by Applying bituminous / water based primer to a clean, smooth and dry surface by brush, roller or spray. Allow the primer to dry to become tack free.	525.00	Sq. mt.		



	<p>Unroll and align and re roll correctly before torching. Use gas burner to heat the substrate and thermo fusible film on the underside on lower face of membrane. When the thermo- fusible film melts after torching, the membrane is ready to stick. Roll forward and press firmly against the substrate to bond. Heat both the overlaps and use the round tipped trowel heating the same to smoothen and press into seam. Side overlaps should be a minimum of 100 mm and end overlaps 150 mm. All angles and abutments should be sealed with extra care to ensure full bondage. The edges should be sealed well into the grooves. The full scope of work shall be completed as per manufacturer specifications complying with standard specifications and as directed by Consultant /bank engineer. Cost include all accessories like wastages, transports, loading, unloading charges, chipping the existing plastering, labours, materials, tools, lead, lift, all material taxes & duties, approved water proofing compound, consider for water line arrangements and etc. Measurement shall be measured in applied area only in SQM.</p> <p>Approved make: Dr. Fixit, Sikka, Fosroc, or equivalent.</p>				
8.	<p>Supply and fixing Sandstone Wall Cladding Tiles 15-20 mm thickness by wet method / direct adhesion method by using of a liquid latex combined with a cement-based filler powder to form cement mortar as per manufacturer specifications complying with standard specifications and as directed by Consultant /bank engineer. Cost includes all accessories like wastages, transports, loading, unloading charges, chipping the existing plastering, labours, materials, tools, lead, lift, all taxes & duties, approved water proofing compound, consider for water line arrangements and etc completed in all aspects.</p>	25.00	Sq mt		



9.	WALL TILE- Supply and fixing of Glazed wall tiles size of 300mm x 450mm x 10mm thick laid over 12mm thick cement mortar 1:3 (One cement and Three sand) base mortar and mixed with water proof compound (Algi proof) at 2% by weight of cement in wall of toilets, over the existing wall including cutting the existing wall tiles to the required size as per site condition with special cutter wherever necessary and cart away the debris from the site, fixing in position and pointing with white cement mixed with colouring pigments and etc. Complete complying with standard specifications. Cost include wastages, cutting, tools, transport, loading, unloading, scaffolding, materials making holes for plumbing and sanitary fixtures lines and etc. Complete as per instructions of the Consultant /bank engineer. Basic cost tiles is Rs.650/- per sqm Approved Make: Kajaria, Johnson, Orientbell or equivalent.	40.00	Sq. mt.		
10.	FULL PEDESTAL BASIN: Providing and fixing of wash Basin (parryware cat ref. QubeX C041Y white) and Full pedestal (parryware cat ref. C0321) including necessary fixing accessories and arrangements like CP Brass angle valve, 32mm CP brass waste coupling, PVC flexi pipe, metallic Hose - Parryware make, CP wall flange, CP extension nipple, Pan connector and necessary hardware like brass screws, washers, joints sealed with silicon sealant etc. Cost include all necessary fixing accessories such as tools, materials, labours, transport, loading, unloading charges and etc. Complete as per instructions of the Consultant/bank engineer.	3	Nos.		
11.	Providing and fixing CP brass Swan neck pillar cock (parryware cat ref. T4668A1) for wash basins including necessary fixing hardware & accessories such as tools, materials, labours, transport, loading, unloading charges and etc. Complete as	3	Nos.		



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	per instructions of the Consultant/bank engineer.				
12.	Providing and fixing CP brass towel Ring (parryware cat ref. T6002A1) for wash basins including necessary fixing hardware & accessories such as tools, materials, labours, transport, loading, unloading charges and etc. Complete as per instructions of the Consultant/bank engineer.	3	Nos.		
13.	Providing and fixing CP brass Soap dispenser (parryware cat ref. T6513A1) for wash basins including necessary fixing hardware & accessories such as tools, materials, labours, transport, loading, unloading charges and etc. Complete as per instructions of the Consultant/bank engineer.	3	Nos.		
14.	PVC SANITARY PIPES: Providing and fixing PVC pipes of following sizes to be fixed in the walls, slab, column or any RCC structure, Basin water waste, and wherever required with all necessary fixing accessories, arrangements and etc. Cost including the necessary specials like coupler, reducer, bend 45 degree, plain bend, door bend, single wyes, double wyes, single tee, single tee door, double tee, double tee door, door cap, nahani trap, multi floor trap, p trap, w.c. connector with ring, solutions, vent bowl, rubber ring, necessary fixing clamps and etc. Cost includes removal of the existing PVC pipes and fittings in all sizes with all heights and etc. Cost include all necessary fixing accessories such as all necessary civil works, tools, materials, scaffolding, labours, transport, loading, unloading charges, lead & lift to all floors, all taxes & duties and etc. Complete as per instructions of the Consultant/bank engineer. Approved make: Astral, Supreme, Finolex or equivalent.				
	a) PVC 50mm dia (4 kg/cm ²)	75	RMT		
14.1	WATER SUPPLY - CPVC - SDR-13.5 Pipes				



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	a) 15mm dia ID pipe with pipe specials (20 dia nominal bore)	60	RMT		
	b) 20mm dia ID pipe with pipe specials (25 dia nominal bore)	100	RMT		
15.	EXTERIOR ALL WEATHER WATER PROOF PAINT TO OUTER WALLS - Removing the old cement based water proof paint by thorough scraping and sand papering and preparing the surface by effecting necessary repairs to cracks using crack filter, complete and painting with two or more coats of exterior all weather water proof paint of approved brand, shade and manufacture and of required shade over a coat of approved primer to give an even shade to exteriors faces of wall at all floor levels in all heights. Cost include removal of the existing paint, wastages, cutting, tools, transport, loading, scaffolding, unloading, lead & lift to all floors, all taxes & duties, materials and etc. Complete as per instructions of the Consultant /bank engineer. Approved make: Asian paints, Burger, Nerolac or equivalent. Putty: JK, Birla or equivalent.	450	Sq mt		
16.	TOTAL				
17.	GST @____%				
18.	GRAND TOTAL				

Total Amount in words Exclusive of GST

(Rupees.....

..... Only) plus
GST _____ %

Date:

Authorized Signature with Seal



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