



**UCO BANK, ZONAL OFFICE, SECOND FLOOR, 328, THAMBU
CHETTY STREET, CHENNAI – 600 001**

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**TENDER DOCUMENT – PROPOSED STRUCTURAL REPAIRS AND
MISCELLANEOUS WORKS AT UCO BANK ZONAL OFFICE BUILDING
AT NO:328, THAMBU CHETTY STREET, CHENNAI – 600 001.**

PART-II FINANCIAL BID

Tender reference: UCO/ZOCHE/GAD/ 96 /2024-25

Date: 07/02/2025

This Tender document contains 11 pages

**CONSULTANTS:
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**LIST OF TYPE AND MAKE OF MATERIALS TO BE USED
(CIVIL WORK)**

SL. No.	MATERIALS	MANUFACTURERS
1.	CEMENT	L&T, BIRLA, RAMCO
2.	READY MIXED CONCRETE	L & T, BIRLA, RAMCO
3.	HYSD / MILD STEEL (TMT)	TATA / VSP
4.	ANTI-TERMITE CHEMICALS	CHLOROPYRPHOS EMULSIFIABLE CONCENTRATES OR EQUIVALENT
5.	CLAY BRICKS	LIGHT WEIGHT CLAY BRICKS FROM ANY MANUFACTURER OF REPUTE TO BE GOT APPROVED FROM BANK.
6.	FLUSH DOOR SHUTTERS	KUTTYS, ELEGANT, SHAKTHI
7.	GLASS (PLAIN/PIN HEADED/TINTED) BRASS,ALUMINIUM HARDWARE/FITTINGS	MODI FLOAT, SAINT- GOBAIN, ASAHI
8.	BRASS MORTICE LOCKS & LATCHES	EBCO, HETTICH, OR EQUIVALENT
9.	LATCHES WITH INTERNAL LOCKS	DOORSET, EBCO, HETTICH
10.	HYDRAULIC DOOR CLOSER AND FLOOR SPRING	GODREJ, EVERITE, DORMA
11.	ALUMINIUM DOOR, WINDOW AND VENTILATOR SECTIONS	JINDAL, INDAL, HINDALCO
12.	PVC WATER PIPES	SUPREME, FINOLEX ,PRINCE
13.	WATER PROOFING MATERIAL / COMPOUND FOR ROOF TOPS AND SUNKEN FLOOR	FOSROC, DR.FIXIT, BASF, SIKa OR EQUIVALENT APPROVED MAKE
14.	VITRIFIED TILES, GLAZED TILES, CERAMIC TILES	KAJARIA,JOHNSON, NITCO
15.	CEMENT BASE PAINTS	SNOWCEM PLUS (M/S KILICK NIXON) OR EQUIVALENT
16.	SYNTHETIC ENAMEL PAINT	ASIAN PAINTS , NEROLAC, BERGER
17.	EXTERIOR EMULSION	ASIAN PAINT, NEROLAC, BERGER
18.	TEXTURE PAINT	SPECTRUM OR EQUIVALENT
19.	POLYSULPHIDE SEALANT	PIDILITE, FOSROC OR EQUIVALENT
20.	WOODEN FLOORING	PERGO , WIPARQUET , OR EQUIVALENT
21.	BLINDS	HUNTER DOUGLAS, MAC
22.	Ply Board & Ply wood (MR Grade plywood)	Green Ply, Century, Mayur
23.	Laminate	Skirting at lintel level: Merino 1122 (Kingfisher blue)
		Main – Marino – 854 (Nice pear)

		Shutter box (Front & sides) – Kingfisher blue
		shutter box (bottom): Merino – 1057 (Marie gold yellow)
		Storage cabinet (Incl.edge lipping): Merino – 854 (Nice pear)
		Access lock pillar: Merino – 854 (Nice pear)
		for inside portion of the room Merino 1122 (Kingfisher blue)
		for outside portion, or matching shades in Greenlam, Century, DuriAn.

Note –

1. Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

NAME AND ADDRESS OF THE CONTRACTOR:

SIGN & SEAL OF THE CONTRACTOR:

Date:

Place:



SUMMARY

Sl.No	Description of items	Amount (RS)
A	Pressed Tiles Area Water Proofing	
B	Strengthening of RCC Members (Medium Distressed Coloumn and Beams	
C	Treatment of SunShades – Mild Distressed Water Proofing Treatment	
D	SunShades High Distressed 5 th Floor Facing towards East 4 Nos	
E	Terrace Roofing Sheet Water Proofing @ Terrace Level open to Sky	
F	Painting	
G	Medium Distressed members @ Elevation facing towards Road	
H	Scaffolding	
I	Treatment of Toilets (Gents and Ladies @ 2 nd Floor)	
	Electrical & Plumbing	
	Sub Total	

Date

Place

Signature of contractor and Seal

SCHEDULE OF QUANTITIES					
S.No.	Description of Work	UOM	Qty	Rate INR	Total INR
A	Pressed Tiles Area Water Proofing				
Location	Terrace Area-Central portion, West Side, Sixth Floor Sunshade, Head Room, First Floor Sunshade @ Elevation facing Road and Terrace above Staircase area towards South facing Road.				
1.	Removal of existing pressed tiles till parent concrete and disposal of debris at Ground Floor level including disposal from the premises, complete., etc., followed by Surface Preparation including removal of loose mortar, dust, dirt, laitance, and treatment of Cracks, etc., complete.,	Sqft	5836		
2.	Cementitious Injection grouting by drilling & fixing nozzles @ 1m C/c in equal intervals, all round the RCC Slab and fixing PVC pipes of 18mm diameter using quick setting cement. Grout the points so fixed with cement added with Nippo Grout Admix shrinkage compensating admixture at the rate of 150grams per bag of cement using hand operated grouting machine. Cost is inclusive of material and labour.	Nos.	350		
3.	Application of Single Component PU, Walltron Ecothane/Nippo Elastothane in two coat application with first coat as primer coat with Pro floor 125 WB followed by 2 coats of PU Coating with the final coat is at the right angle to the previous coat and the coating is being taken up to 300 mm on the parapet wall.	Sqft	5836		
4.	Supply and laying of concrete screed for an average thickness of 50mm with required slope as per site condition. The concrete shall be laid using 12mm downgraded aggregates mixed with waterproofing admixture, Nippo Proof IWP at the rate of 150ml per bag of cement. A bond coat using cement mixed with Nippocrete AR and sufficient water shall be applied prior to the application of the concrete screed. Grooves shall be installed using threads at regular intervals based on the site condition. The same shall be cured for a minimum of 7 days.	Sqft	5836		

S.No.	Description of Work	UOM	Qty	Rate INR	Total INR
5.	Corner coving is done alround in CM 1:4 by admixing Nippo Crete AR @ 200 ml per bag of cement and finish off neatly.	RFT	480		
6.	Laying of good quality pressed tiles in CM 1:4 by admixing Nippo Proof IWL @ 150 ml per bag of cement with proper button marks to the gradient and finish off neatly followed by Tile Grouting, complete, etc.,	Sqft	5836		
	Sub-Total- (A)				
B.	Strengthening of RCC members (medium distressed) -Column and Beams				
Location	Column C1, C2 G C3 marking at North- East on the Terrace, 2 Columns @ North facing roadside Toilet Lintel Beam @ 2nd Floor				
7.	Chipping and Removal for existing plastering and spalled concrete and disposal of debris at Ground Floor level including disposal from the premises, complete., etc.,	Sqft	240		
8.	Provision of 1 mm welded mesh with RCC surface with suitable Resin Anchor Grout from Nippon chemicals.	Sqft	240		
9.	Cleaning the Reinforcement with wire brush, Application of Zinc-Rich Primer Nippo zinc, etc., complete.	Sqft	240		
10.	Application of Polymer Bonding agent before the application Polymer modified Repair mortar.	Sqft	240		
11.	Application of Polymer modified patch repair mortar in CM 1:4 by admixing Nippocrete AR @ 300 ml per bag of cement with proper button marks and finish off neatly.	Sqft	240		
	Sub-Total -(B)				
C.	Treatment of Sunshades - mild distressed - Water Proofing Treatment				
Location	All the Sunshades facing South G all the sunshades at West G North @ Ground Floor Level				
12.	Demolition of all the side walls of the Sunshades completely and removal of debris and disposal of debris at Ground Floor level including disposal from the premises, complete., etc.,	Sqft	2127		

S.No.	Description of Work	UOM	Qty	Rate INR	Total INR
13.	Providing a proper coving and repair the edges for the water discharge in CM 1:4 admixed with Nippo Crete AR @ 300 ml per bag of cement and finishing the edges neatly.	Sqft	2127		
14.	Application of Single Component Acrylic Water Proofing coating system, Nippon Elastocoat in 2 coats on the treated sunshades with final coat is at the right angle to the previous coat.	Sqft	2127		
Sub-Total - (C)					
D.	Sunshades - Highly distressed - 5th Floor facing towards East - 4 nos				
15.	Identifying and demolition of Highly distressed sunshades all-round the building and removal of debris and disposal of debris at Ground Floor level including disposal from the premises, complete., etc.,	Sqft	800		
16.	Anchoring of Main Rods for the Sunshades to be done by marking the position of holes to be drilled for anchoring the rebar into the slab. As per the site requirement. Drill 12mm diameter holes in the marked places using rotary hammer drilling machine of reputed make to a depth of 100mm into the slab . Clean the holes neatly and wash the same with water. Allow it to dry and make sure that no fine dust particles are present in the holes. Mix the Nippon polyester resin grout using a spatula and push the same into the holes with a proper tool so that the bottom most point of the hole receives the material. The filling is to be done for a minimum portion of 1/3rd of the hole depth. Now insert the rebar which need to be anchored for the provision of main reinforcement, gently and finish the surface of the around the rebar area using the same material which comes out of the hole excessively.	Nos	600		

S.No.	Description of Work	UOM	Qty	Rate INR	Total INR
17.	Cut the required diameter bars as main reinforcement - 10mm diameter bars used as main reinforcement to the required length with proper development length and tie them as per the requirement. Also, required 8mm diameter bars shall be used as distributors.	Kgs	500		
18.	Cleaning the Reinforcement with wire brush, Application of Zinc-Rich Primer Nippo zinc, etc., complete.	Sqft	800		
19.	Providing slurry tight form work including strutting, propping, etc., which should not deform or leak , the same shall be fabricated in position using 12mm thick commercial plywood as per the required line and length at all different floor levels as per the standard specification complete. Form work should be rigid to prevent loss of concrete at all stages & appropriate to the methods of placing & compacting as per standard specification. It should be made of suitable material. The form work should be coated with shutter release agent prior to fixing. The rate shall include the cost of all the operations etc.,	Sqft	800		
20.	Application of Polymer Bonding agent before Concreting.	Sqft	800		
21	Redoing of Sunshade by mixing and placing of machine mixed M 20 grade of concrete for sunshade for an average thickness of 100mm. Care shall be taken to ensure proper compaction and placing of the concrete ensuring a neat finish.	Sqft	800		
	Sub Total - (D)				

S.No.	Description of Work	UOM	Qty	Rate INR	Total INR
E.	Terrace Roofing Sheet Water Proofing @ Terrace Level open to Sky				
22.	Removal the existing coving completely by removing dust, dirt, laitance, etc., thoroughly clean Sheet Joints with clean water jet to remove the dirt and laitance if any. Provide a neat coving in CM 1:4 admixed with Nippocrete AR @ 200 ml along with Nippo Grout Admix @ 150 gms per bag of cement and provide proper coving at the edges which touches the wall area. All the Joints shall be cleaned and provided with PU Sealant and surrounding fixtures.	RFT	150		
F.	Painting				
23.	Painting including Nippon putty and one coat of primer with 2 coats of Nippon exterior emulsion, whether bond, etc., after necessary deductions considered 10% of the total area approximate, etc.,	Sqft	25200		
	Sub-Total -(E+F)				
G.	Medium Distressed members @ Elevation facing towards Road				
Location	Fenders, Cross beams and Fender Sunshades @ Elevation facing towards Road				
25.	Chipping and Removal for existing plastering and spalled concrete and disposal of debris at Ground Floor level including disposal from the premises, complete., etc.,	Sqft	2158		
26.	Provision of 1 mm welded mesh with RCC surface with suitable Resin Anchor Grout from Nippon chemicals.	Sqft	2158		
27.	Cleaning the Reinforcement with wire brush, Application of Zinc-Rich Primer Nippo zinc, etc., complete.	Sqft	2158		
28.	Application of Polymer Bonding agent before the application Polymer modified Repair mortar.	Sqft	2158		
29.	Application of Polymer modified patch repair mortar in CM 1:4 by admixing Nippocrete AR @ 300 ml per bag of cement with proper button marks and finish off neatly.	Sqft	2158		
H.	Scaffolding				
	Sub-Total -(G+H)	LS			

S.No.	Description of Work	UOM	Qty	Rate INR	Total INR
I.	Treatment of Toilets (Gents and Ladies @ 2nd Floor)				
30.	Removal of existing floor and wall Tiles completely and disposal of debris to the ground floor	Sqft	1920		
31.	Remove dirt, laitance, etc., complete., and treatment of cracks followed by application of 2 component, highly elastic, acrylic cementitious water proofing coating system Nippo Crete 2K and raise up to 300 mm at floor wall junction. All the drain outlets/gully trap to be checked and treated properly. Check for Water leakage by storing water for 72 hours by Water ponding method. Provide cement mortar in CM 1:4 by admixing Nippo Crete AR @ 150 ml per bag of cement followed by laying of good quality anti-skid ceramic tiles with proper pointing with epoxy grout and finish off neatly.	Sqft	1920		
	Sub-Total (I)				
	Total-(A+B+C+D+E+F+G+H+I)				
J.	Electrical G Plumbing				
30.	Replacing the existing weaker and damaged plumbing pipes, drain- pipes, etc., along with the old and damaged electrical lines, etc., wherever necessary complete., etc., (considered 8% of the total value approx..)				
	Grand Total				

SPECIAL INSTRUCTIONS TO THE CONTRACTOR

- Necessary Power and Water Should be provided at the premises which is chargeable.
- Final bills will be submitted as per the actual work executed at site.
- Specification and methodology for each item of works will be submitted after the work has been awarded to the successful bidder
- Required storage space of materials and machinery shall be provided at the premises
- All the Plumbing lines needs to be checked while execution of work
- The damaged plumbing pipes should be replaced with the new UPVC pipe, and the agency should work alongside the strengthening works.
- A Necessary work front should be given for faster completion of work
- Owing to the public congestion during the daytime for feasibility of work, night hours shall be permitted to work for early completion and to avoid disturbance to the public.
- Any additional work other than specified in the above BOQ is extra at actuals