CIVIL TENDER FOR THE PROPOSED SILVER JUBILEE BUILDING AT FISAT, MOOKKANOOR.

Note:- (1) All rates are for all floors and levels, unless otherwise mentioned. (2) The amount of the tender should be filled up and totalled by the tenderer. (3) Quantities shown in the schedule are approximate. (4) Execution of optional items through the main civil contractors shall be owners discretion.

BOQ DATE: 28-04-2025

SI. N o	Description of items of work	Approx. Qty	Unit	Rate	Amount
1	Earth work excavation in ordinary or hard soil including bailing / pumping out water if necessary and depositing the excavated earth on the banks or back filling or filling the excavated earth at low laying areas as per Owner / Architects direction with all leads and lifts including necessary shoring struts, breaking clods, watering, ramming sectioning of spoil bank etc. complete for pile caps, plinth beams, basement floor slab, tanks etc. below ground level.	148	m3		
2	Providing Antitermite treatment to bottom and sides of the trenches including treating the backfill under floors and other locations as specified in IS-6313 part II for pre construction treatment using Chloropyriphos emulsifiable concentration & Imidacloprid including cost and conveyance of all materials, all hire all labour etc. complete.	822	m2		
3	Plain cement concrete (PCC) 1:4:8 using 40mm nominal size hard broken granite stones for foundation bed , as base course etc. wherever required including cost, conveyance and unloading of all materials, all labour, watering, curing etc complete, excluding cost of cement.	5	m3		
4	For Foundation Footing, Supplying and fixing RCC Rings for typical well Foundation with dia 120mm to 180mm as per Structural drawing and fill the RCC rings with aggregate @4:2:1 (40mm+20mm+6mm) mentioned in drawing,including cost, conveyance and unloading of all materials, form work, all labour, watering, curing etc complete,	15	m3		
5	Vibrated RCC M25 mix (min. cement content of 360 Kg/m3) using 20mm and down grade hard broken granite stones machine mixed for foundation as per structural drawing including cost, conveyance and unloading of all materials, form work, all labour, watering, curing etc complete, excluding cost of cement, steel and labour for reinforcement works.				

а	Footing and lift footing	6	m3	
b	Plinth beam	7	m3	
6	Vibrated R.C.C M35 mix (min. cement content of 360	,	1113	
١	Kg/m3) using 20mm and down grade hard broken			
	granite stones for all Lift RC wall ,columns, Pedestal			
	columns etc as per the structural drawing including			
	cost, conveyance and unloading of all materials, all			
	labour, form works and scaffolding charges, watering, curing etc.complete, excluding cost of cement, steel and			
	labour for reinforcement works.			
	0 15			
	Ground floor	20	m3	
b	First floor	8	m3	
С	Second floor	31	m3	
d	Above roof level	5	m3	
7	Vibrated RCC M25 mix (min. cement content of 360			
	Kg/m3) using 20mm and down grade hard broken			
	granite stones machine mixed for roof beams as per relevant Structural & Architectural design and drawings			
	including cost, conveyance and unloading of all			
	materials, all labour, form works and scaffolding			
	charges, watering, curing etc complete, excluding cost of			
	cement, steel and labour for reinforcement works.			
а	Ground floor	1	m3	
b	First floor	8	m3	
С	Second floor	36	m3	
d	Above roof level	5	m3	
8	Vibrated RCC M25 mix (min. cement content of 360			
	Kg/m3) using 20mm and down grade hard broken			
	granite stones machine mixed for lintel beams as per relevant Structural & Architectural design and drawings			
	including cost, conveyance and unloading of all			
	materials, all labour, form works and scaffolding			
	charges, watering, curing etc complete, excluding cost			
	of cement, steel and labour for reinforcement works.			
а	Ground floor	4	m3	
b	First floor	2	m3	
С	Second floor	8	m3	
d	Above roof level	1	m3	

9	Vibrated R.C.C M25 mix (min. cement content of 360 Kg/m3) using 20mm and down grade hard broken granite stones machine mixed for roof slabs , sunshades , ordinary or folded staircase slabs etc. as per relevant Structural and Architectural design and drawings including cost, conveyance & unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc. complete, excluding cost of cement ,steel and labour for reinforcement works.			
а	Ground floor (porch and ramp)	12	m3	
b	Ground floor roof	2	m3	
С	First floor roof	20	m3	
d	Second floor roof	91	m3	
е	Above roof level	10	m3	
10	Vibrated R.C.C M25 mix using 20mm and down grade hard broken granite stones for parapet walls as per the structural drawing including cost, conveyance and unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc. complete, excluding cost of cement, steel and labour for reinforcement works.	35	m3	
11	R.C.C M25 mix using 20mm and down grade hard broken granite stones machine mixed for drop slabs , eve boards etc. as per relevant Structural and Architectural design and drawings including cost, conveyance & unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc.excluding cost of cement, steel and labour for reinforcement works.	10	m3	
12	Vibrated R.C.C M25 mix using 20mm and down grade hard broken granite stones machine mixed for thin slabs , all types of precast slabs etc. as per relevant Structural and Architectural design and drawings including cost, conveyance & unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc. complete, excluding cost of cement, steel and labour for reinforcement works.	2	m3	
13	Vibrated R.C.C M25 mix using 20 mm and down grade hard broken granite stones machine mixed for O.H water tank as per relevant Structural and Architectural design and drawings including cost, conveyance & unloading of all materials, all labour, form works and scaffoldings charges, watering, curing etc.complete excluding cost of cement, steel and labour for reinforcement works.	6	m3	

14	Fabricating, handling, straightening, cutting, bending, binding and placing in position M.S. or TOR reinforcement in all R.C.C items of works at all levels including cost of 18 gauge binding wire and cover blocks etc. complete for mild steel and TOR steel,	39	Т	
15	Solid Block masonry work using best quality concrete blocks of nominal size 30x15x 20cm or nearest size in C.M 1:4, and pointing the masonry work including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc complete, excluding cost of cement.			
а	Ground floor	24	m3	
b	First floor	26	m3	
С	Second floor	104	m3	
d	Above roof level	21	m3	
16	Solid Block masonry work using best quality concrete blocks of nominal size 30x15x10cm or nearest size in C.M 1:4 and pointing the masonry work including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc complete, excluding cost of cement.			
а	Ground floor	70	m2	
b	First floor	90	m2	
С	Second floor	87	m2	
d	Above roof level	10	m2	
17	Cement concrete solid block masonry in C.M 1:4 with solid blocks of nominal size 30x15x20cm for walls below plinth level including cost and conveyance of all materials for manufacturing solid blocks, labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.	5	m3	
18	Plastering with C.M 1:3, 9mm thick one coat floated hard and trowelled smooth to the underside of slabs and exposed beams including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.			
а	Ground floor	46	m2	
b	First floor	110	m2	
С	Second floor	817	m2	
d	Above roof level	78	m2	

19	Plastering with C.M 1:4, 12mm thick one coat floated hard and trowelled smooth to the internal walls including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.				
а	Ground floor	1172	m2		
b	First floor	518	m2		
С	Second floor	1164	m2		
d	Above roof level	166	m2		
20	Plastering with C.M 1:4, 12mm thick mixed with water proofing compound 2% by weight of cement (ROFFE REPAIR BOND or equivalent) one coat floated hard and trowelled smooth to the external walls including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.				
а	Ground floor	610	m2		
b	First floor	820	m2		
С	Second floor	1241	m2		
d	Above roof level	764	m2		
21	Providing and fixing Fiber wire mesh or chicken wire mesh of standard gauge and 20cm wide to cover masonry and R.C.C joints before plastering so as to cover the joints by 10cm on both sides in single fold or as required for internal and external surfaces including cost and conveyance of all materials, labour charges etc. complete for all floors.	2200	RM		
22	Plastering with CM 1:3, 12mm thick mixed with water proofing compound on the internal surface of O.H water tanks including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc complete.excluding cost of cement.	64	m2		
23	Plastering with CM 1:3, 12mm thick mixed with water proofing compound on the external surface of O.H water tanks including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc complete.excluding cost of cement.	58	m2		

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24	Plastering Sunken toilet slabs / wherever required and surrounding sunken area walls with C.M. 1:4, 12mm thick laid to slope towards the spout as here in after explained with approved water proofing compound of ROFFE or equivalent, by adding the compound at 5% by wt. of cement in C.M during mixing as per directions including cost, conveyance and unloading of all materials, all labour charges, watering, curing etc complete for all floors, excluding cost of cement.	70	m2	
25	Providing waterproofing for toilet slabs/ wherever required using Brushbond method (Fosroc / Roffee) within a minimum Guarantee period of 10 years. Including cost of all application as per manufacture's specification including pressure grouting if necessary, treatment to contiune along the vertical wall for 300mm height for toilet in shape of round at the junction. The cost also includes checking by ponding for 72 hours. No additional measurements will be accounted for the wall treatment including cost and conveyance of all materials, labour, cleaning the surface, removal of dust before application, sealing the pipe joints, watering, curing etc. complete, excluding cost of cement.	130	m2	
26	Providing waterproofing for internal surface of over head tank wherever required using Brushbond method (Fosroc / Roffee) within a minimum Guarantee period of 10 years. Including cost of all application as per manufacture's specification including pressure grouting if necessary, treatment to contiune along the vertical wall and round at the junction. The cost also includes checking by ponding for 72 hours. No additional measurements will be accounted for the wall treatment including cost and conveyance of all materials, labour, cleaning the surface, removal of dust before application, sealing the pipe joints, watering, curing etc. complete, excluding cost of cement.	64	m2	
27	Screeding concrete using M20 mix using 6mm nominal size hard broken granite stones of required thick laid to slope towards spout as per the direction of site engineer for roof slabs including cost, conveyance and unloading of all materials, all labour charges, watering, curing etc complete, excluding cost of cement.	1332	m2	
28	Screeding concrete using M20 mix using 6mm nominal size hard broken granite stones of max 5cm thick laid to slope towards outer on varandha side, flat on other rooms avoing undulations of slab before tile laying, as per the direction of site engineer for floor slabs including cost, conveyance and unloading of all materials, all labour charges, watering, curing etc complete, excluding cost of cement.	2840	m2	

29	Roof top plastering above the screeding concrete / stair roof top with CM 1:3, 9mm thick with approved weather proof course as per the direction of the owner / site engineer including the cost, conveyance of all materials, labour charges etc. complete, excluding cost of cement.	1443	m2	
30	Supplying and filling red earth filling in basement to required level and line including breaking of clods, ramming, consolidating, watering etc. complete.	34	m3	
31	Flooring with cement concrete 1:4:8 using 40mm nominal size hard broken granite stones including cost, conveyance and unloading of all materials, all labour, watering, curing etc complete excluding cost of cement.	87	m3	
32	Flooring with cement concrete 1:2:4 using 20mm nominal size hard broken granite stones for sunken toilet slabs/ wherever required including cost, conveyance and unloading of all materials, all labour, watering, curing etc complete, excluding cost of cement.	7	m3	
33	Supplying and filling M sand/6mm metel filling in sunken toilet slabs/wherever required to required level and line including breaking of clods, ramming, consolidating, watering etc. complete.	16	m3	
34	Paving with Tiles of approved size, colour ,shade and make for Toilet floors with 3mm spacer over a bed of 18mm thick cement mortar 1:4 adding necessary pure cement grout for a proper binding of the tile to mortar including pointing the joints and closing the voids with cement and Epoxy filler of matching colour, rubbing & cleaning to smooth finish, acid washing etc. complete Excluding cost of Cement ,Tile and Epoxy .			
а	Ground floor	26	m2	
b	First floor	R.O	m2	
С	Second floor	46	m2	
35	Dadoing with Tile of appropved size, colour, shade and make as per Architect's detailed design over rough plastered surfaces, with 3mm spacer, adding necessary cement grout / tile adhesive for proper binding of the tiles to mortar including pointing the joints and closing the voids with cement and Epoxy filler of matching colour, rubbing and cleaning to smooth finish, acid washing etc. including cost, conveyance and unloading of all materials, all labour charges etc. complete, Excluding cost of cement/ adhesive, Tile and Epoxy. Toilet walls 210cm height			
а	Ground floor	112	m2	

b	First floor	R.O	m2	
С	Second floor	183	m2	
36	Paving with first quality vitrified tiles of approved size, plain colour and shade for passage, lobby,rooms, staircases and other common areas etc. including 100mm skirting over peripheral walls as per Architect's detailed design over a bed of 12mm thick CM 1:4, adding necessary cement grout for proper binding of tiles to mortar including pointing the joints and closing the voids with cement of matching colour, rubbing cleaning to smooth finish, acid washing etc. including cost, conveyance and unloading of all materials, all labour charges etc. complete, excluding cost of cement for all floors.(Tiles to be supplied by the owner)			
а	Ground floor	1396	m2	
b	First floor	1198	m2	
С	Second floor	1830	m2	
d	Above roof level	33	m2	
37	Paving with Porch tiles of approved size, colour and shade for parking area as per Architect's detailed design over a bed of 12cm thick CM 1:4/ 6mm baby metal, adding necessary cement grout for proper binding of the tiles top mortar including pointing the joints and closing the voids with cement of matching colour, rubbing and cleaning to smooth finish acid washing etc. complete, excluding cost of cement. (Paving Tiles to be supplied by the owner)	72	m2	
38	Cladding of lift wall including soffit and sides of lift opening with virified tiles or granite tiles or a combination of both, of approved size, colour & shade as per Architect's design over rough plastered surface adding necessary cement grout for proper binding of tiles to mortar including pointing the joints and closing the voids with cement of matching colour, rubbing and cleaning to smooth finish, acid washing etc including cost, conveyance and unloading of all materials, all labour charges etc complete for all floors.,excluding cost of cement(Tiles/Granite to be supplied by the owner)			
а	Ground floor	6	m2	
b	First floor	6	m2	
С	Second floor	6	m2	

39	Floor finish with C.M 1:4,12mm thick finishing with a flushing coat of cement grout, thread lining as per detailed design for pump rooms, electrical rooms, machine rooms and wherever necessary including cost and conveyance of all materials, labour charges, watering, curing etc. complete for all floors.,excluding cost of cement.	R.O	m2	
40	Paving with granite slabs of approved size, colour and shade 20 - 25mm thick on floor slab in C.M 1:4, 20mm thick etc. complete including rounding of edges as per directions of Client/Architect.,excluding cost of cement (Tiles/Granite to be supplied by the owner).	R.O	m2	
41	Supplying and fixing charges of Glass doors /Windows with Toughned glass of 8mm thick with proper Fixing arrangements as per design and drawing for entrance lobby doors, fire stair area etc and wherever required as directed by the architect/client including cost, conveyance and unloading of all materials, all labour charges, fittings etc. complete.	62	m2	
42	Supplying and fixing charges of first class hard wood frame and shutter for internal doors using 6 Nos. of MS clamps 40mm x 4mm and 175 mm long embedded in CC 1:2:4 block of 200 x 200 x 200 mm size/Scotch screw on column side and approved quality of wood preservative/ primer to be coated as directed including cost, conveyance and unloading of all materials, all labour charges, fittings etc. complete. (Material to be suppied by the Owner)	120	m2	
43	Painting charges of first class hard wood frame and shutter for internal doors using 1 coat wood primer and 2 coats of enamel paint to be coated as directed including cost, conveyance and unloading of all materials, all labour charges, fittings etc. complete. (Materials to be supplied by the owner).	372	m2	
44	Supplying and fixing charges for P.V.C door/Fibre door for toilet doors for all floors.	30	Nos.	
45	Supplying and fixing at site aluminium / UPVC sliding doors, windows and ventilators of various size having side hung / top hung openable shutters using HINDALCO (INDAL) or equivalent sections. It shall be fitted with necessary hard wares of approved make, with glass of 4 to 6mm thick etc. complete for all floors.	1134	m2	

46	Fabricating and Fixing charges for MS guard grills painted with one coat of Epoxy paint for windows and ventilators using square or round or flat rods or in combinations as per detailed designs, wherever fixing on RCC members or on masonry faces, the legs of grills may be embedded in plain concrete blocks 22x 22 x22cm size cast in position during fixing for all floors.(Materials to be supplied by the owner)	47	Qtl	
47	Cleaning the Exisiting fixed MS guard grills using Sander and painted with one coat Epoxy paint for windows and ventilators made of square or round or flat rods or in combinations as per detailed designs, for all floors.(Materials to be supplied by the owner)	825	m2	
48	Painting charges for MS guard grills painted with two coat of enamel paint for windows and ventilators made of square or round or flat rods or in combinations as per detailed designs, for all floors .(Materials to be supplied by the owner)	362	m2	
49	Fabricating and fixing charges for hand rails 100cm height to staircase / landings/ where ever required etc. shall be fabricated with 50NB and 25NB M.S pipes. The vertical and top handrail to be made of 50NB M.S pipes. The railings should be welded at joints and fixed to floor at landings as per Architect's approved design and drawings. It shall be painted with 1 coat of zinc chromite primer. The rate shall also include all scaffolding charges and all labour charges etc. complete for all floors. (Materials to be supplied by the owner)	130	RM	
50	Fabricating and fixing charges for hand rails 100cm height to staircase / landings/ where ever required etc. shall be fabricated with 50mm dia and 25mm dia S.S pipes. The vertical and top handrail to be made of 50mm dia S.S pipes. The railings should be welded at joints and fixed to floor at landings as per Architect's approved design and drawings. The rate shall also include all scaffolding charges and all labour charges etc. complete for all floors. (Materials to be supplied by the owner).	R.O	RM	
51	Fabricating and fixing charges for hand rails 80cm height to handicaped ramp / landings/ where ever required etc. shall be fabricated with 50mm dia and 25mm dia S.S pipes. The vertical and top handrail to be made of 50mm dia S.S pipes. The railings should be welded at joints and fixed to floor at landings as per Architect's approved design and drawings. The rate shall also include all scaffolding charges and all labour charges etc. complete for all floors. (Materials to be supplied by the owner)	19	RM	

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52	Fabricating and fixing charges for hand rails over courtyard parappet where ever required etc. shall be fabricated with 50NB and 25NB M.S pipes. The Top handrail to be made of 50NB M.S pipes. The railings should be welded at joints and fixed to floor at landings as per Architect's approved design and drawings. It shall be painted with 1 coat of zinc chromite primer. The rate shall also include all scaffolding charges and all labour charges etc. complete for all floors. (Materials to be supplied by the owner)	220	RM	
53	Painting with 2 coats of white cement for ceiling , inside and outside walls, after cleaning the surface including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors. (Materials to be supplied by the owner)	24448	m2	
54	Painting with 1 coat primer and 2 coats of Interior emulsion for ceiling and internal walls after cleaning the surface including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors. (Materials to be supplied by the owner)	15086	m2	
55	Painting with 1 coat of exterior primer and 2 coats of exterior emulsion of approved colour or equivalent for outside walls, after cleaning the surface including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors. (Materials to be supplied by the owner)	10170	m2	
56	Providing water cutting for sunshade, roof slab shade etc. in cement mortar 1:3, 12mm thick & 15mm wide in lines and levels including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges, watering, curing etc complete excluding cost of cement.	240	RM	
57	Supplying and fixing false ceiling for toilets using PVC extruded hollow sections (SINTEX) of approved colour of thickness approx. 12mm set in Aluminium powder coated frames with removable panels and suitable supporting sections including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors.	R.O	m2	
58	Providing external architectural bands / cornice for sunshade projections, parapet walls at wherever necessary with downward/upward curvature and steps, in C.M 1:3 with width varying from 25mm upto 150mm as per the detailed drawing, brushing the surface with cement grout making it smooth including cost and conveyance of all materials, all labour charges for form work, scaffolding, watering, curing etc complete excluding cost of cement for all levels.	R.O	RM	

59	Ornamental Design work for column using 15cm solid block masonry in C.M 1:4 with solid blocks of nominal size 30x15x20cm for Porch Columns with Double Height (of nearly 7.95m), for every 2m interval provide a r.c.c belt of 10cm thickness over the masonry with M20 mix, including cost and conveyance of all materials for manufacturing solid blocks, labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.	4	Nos.	
60	Providing straight projection bands in cement mortar 1:3, 25mm to 50mm wide and 10mm to 20mm thick in lines and levels including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges, watering, curing etc complete excluding cost of cement for all levels.	240	RM	
61	Laying of Hume pipe / PVC pipe with proper dia for drainage purpose from courtyard to ground level with slope . As Per the direction of Architects/Owner.	13	RM	
62	Supplying and fixing charges for MS door for Electrical rooms, Pump rooms etc for all floors.	15	m2	
63	Providing M.S steel stairs from roof level to machine room floor and Water tank of appropriate length and 100cm wide with steps at 250 c/c welded to M.S angles 5x5cm using 16mm M.S. rods.	2	No.	
64	Constructing cast-in-situ cement concrete drainage with steel gratings as cover over 10cm thick P.C.C. soling 1:4:8 including excavations with 10cm thick drainage walls and floor 30cm width and depth min 30cm to necessary slope finishing smooth the inside thick 1:4 cement plastering, finishing with cement grout etc. including cost and conveyance of all materials, labour, all necessary form works, curing and back filling the sides of the trenches and disposal of excess excavated soil as per directions. etc. complete.	87	RM	
65	Random Rubble masonry in cm 1:6 as per the structural drawing including cost, conveyance and unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc.complete,	R.O	m3	
66	Demolishing of Block Work 20cm/15cm thick with proper dismantling equipments without disturbing/damaging the existing structure as per Clients Instructions, including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges etc	R.O	m3	

67	Demolishing of Block Work 10cm thick with proper dismantling equipments without disturbing/damaging the existing structure as per Clients Instructions, including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges etc	R.O	m2		
68	Demolishing of R.C.C Slab with proper dismantling equipments without disturbing/damaging the existing structure as per Clients Instructions, including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges etc	R.O	m2		
69	Demolishing of R.C.C column (without cutting steel bars) with proper dismantling equipments without disturbing/damaging the existing structure as per Clients Instructions, including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges etc	10	m3		
	Total cost of civil works				
	(RupeesOnly)				