

ESTIMATE FOR
**RENOVATION OF 50*20 BUILDING AT G/ MAGEDARA
M.V.**

PRESENTED BY
District Engineering Building Department - Galle

RENOVATION OF 50*20 BUILDING AT G/ MAGEDARA M.V.

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	5,285,939.79	
2	VAT 18.00%	951,469.16	6,237,408.95
3	Consultant fees 0.00%	0.00	
4	Contingencies 10.00%	528,593.98	
5	Price Escalation 2.00%	105,718.80	634,312.77
TOTAL		(LKR)	6,871,721.73

This estimate was prepared on the instruction of District Engineer (Buildings) and the rate prevailing in 2025 First Half - 2025/01/05.

All work necessary have been provided in this estimates. The Quantities and rates were checked and found correct.

Prepared by *Buddhika Priyanjith*
(S.I.W)

Checked by *inoka weerarathna*
(I.W)

Checked by *enoka priyadarshani*
(E.A)

Approved/Recommended

[Signature]
Divisional Engineer (Buildings)
Eng. W.P.G.C. Sadaruwan
Divisional Engineer (Buildings)
District Engineer (Buildings) Substitute
Pettigalawaththa, Galle.

Approved/Recommended

[Signature]
District Engineer (Buildings)
Galle
Eng. A.A.C. Mendis
District Engineer (Buildings)
District Engineer (Buildings) Office,
Pettigalawaththa, Galle

Approved

[Signature]
Chief Engineer (S.B/O.B)
Director of Buildings
Deputy Chief Secretary (Eng. Ser.)

RENOVATION OF 50*20 BUILDING AT G/ MAGEDARA M.V.

Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	112,940.30
Concretor	397,213.25
Pavior	1,057,915.00
Electrical	352,024.00
Roofer	1,167,108.00
Carpenter & Joiner	1,225,615.76
Iron Monger	337,371.93
Painter & Decorator	147,657.35
Plumber	140,595.20
Maintanance	257,499.00
Extra Item	90,000.00
Total	5,285,939.79

RENOVATION OF 50*20 BUILDING AT G/ MAGEDARA M.V.

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
		Demolisher				
1	Dm24	Removing roof tiles and timber of roof completely, stacking serviceable materials and clearing debris in single storied buildings	sq.m	150.00	521.00	78,150.00
2	Dm08	Demolishing brickwork in cement clearing debris away from site	cu.m	0.30	1,935.00	580.50
3	Dm13	Demolishing reinforced cement concrete in suspended floors, removing reinforcement and clearing debris away from site (for minor works)	cu.m	0.20	18,979.00	3,795.80
4	Dm40	Removing and stacking Timber Door sash from existing frame	sq.m	2.00	130.00	260.00
5	Dm10	Demolishing floors 3" thick brick paved, stacking reuseable bricks and clearing debris away from site	sq.m	95.00	281.00	26,695.00
6	Dm31	Removing Unloading existing Truss (Timber , steel....etc)	nr	1.00	3,459.00	3,459.00
		Total carried to summary				112,940.30
		Concretor				
7	Ct15	Drain for single storied building Corrugated asbestos sheet roof with 900mm eave in front ,back & 900mm eave in gable sides, 225mm internal width and minium starting depth 150mm drain, 75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing.(Sigle storied building)(As per detail drawing No SPES/Rate 23/Ct-15)	m	36.00	4,599.00	165,564.00
8	Ct52	Concrete work table with 1:2:4(3/4") con. mixture 3" thick R/F with 10mm dia: tore steel at 150mm c/c bothways including 15mm plywood formwork to achieve the smooth finish of the soffit.	sq.m	1.50	7,672.00	11,508.00
9	Ct09	Cement concrete 1:2 1/2:5(1") mix: up to 3.0 m3 (Shuttering paid separately) incl: curing	cu.m	6.95	31,675.00	220,141.25
		Total carried to summary				397,213.25
		Pavior				
10	Pa24	600 x 600 mm Ceramic tiles with all specials supplying and fixing to floors including raking plaster 1:3 and bedding in Tile Motar (swistech / tokyo super) & pointed with tile grout. (Use Rocell - Ceramic tiles Prime cost Rs. 2200) as per the engineer's instruction.	sq.m	95.00	10,478.00	995,410.00

ID	RS	Description	Unit	Qty.	Rate	Amount
11	Pa25	Tile skirting 100 mm high and all specials supplying and fixing to walls including raking plaster and bedding in Tile mortar 1:3 & pointed with tile grout.(Use Rocell 600 x 600 mm - ceramic tiles Prime cost Rs. 2200)as per the engineer's instruction.	m	45.00	1,389.00	62,505.00
		Total carried to summary				1,057,915.00
		Electrical				
12	EI009	Supply and fixing 16" sweep wall fan with 13 maxAmp socket outlet ,Necessary concealed conduit wiring (1/1.13 wire 1.0mm2, 1/1.13 earth wire 1mm2) all complete as per instruction. Make KDK with warranty (SLSI Approved makes Model - M40C) fixed to wall with Philips screws (Socket - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - krypton/Polycrome) (fittings -krypton/Polycrome/Orange)	nr	6.00	39,039.00	234,234.00
13	EI138	Supplying and Fixing 700 ABC Enclosure Box (Surface mounted) fixed with brass screws all complete as per Instruction.(Enclosure-Polycrome)	nr	1.00	2,341.00	2,341.00
14	EI018	Supply and fixing 01 No. Pendent type lamp(12W LED Bulb - efficacy:85 lumen/W or above with two years warranty) with GANG switch Complete with necessary concealed conduit wiring as per working order.(Switch - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (fittings - krypton/Polycrome/Orange) (Conduit - krypton/Polycrome)(Bulb - Orange electric ECO LITE/ ZENOI / Kelani) [Cable SLS 733, Switch SLS 1000 Bulb SLS 984]	nr	2.00	6,859.00	13,718.00
15	EI114	Supplying and fixing 1 Nr. 1 pole MCB (6 A/ 10A/ 16A/ 20A/ 32A) (Make -Orange electric 10kA/ Schneider/Chint NB7/EB) Original Makes with company warranty Certificate. all complete as per instruction	nr	3.00	1,249.00	3,747.00
16	EI117	Supplying and fixing 32 Amp 2 pole MCB incl; ABC 100 Box (Make -Orange electric 10kA/ Schneider/Chint NB 7 /EB) (Enclosure - Polycrome) Original Makes with company warranty Certificate. all complete as per instruction	nr	1.00	4,194.00	4,194.00
17	EI066	Supplying and fixing (7/1.04) (Cu/PVC/PVC) (Twin) Main wire (6mm2) (Cable - ACL/Kelani/Orange/Sierra) - Cable SLS 733	m	30.00	1,033.00	30,990.00
18	EI107	Supply and Fixing 25mm x 16mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - krypton/Polycrome)	m	10.00	275.00	2,750.00
19	EI056	Supplying and fixing 2"x2"x1/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron.	nr	2.00	4,277.00	8,554.00
20	EI057	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection. all complete as per instruction	nr	3.00	1,837.00	5,511.00

ID	RS	Description	Unit	Qty.	Rate	Amount
21	El153	Supplying & fixing 2 1/2" dia (5800mm long) GI Pipe(2.3mm thickness) pole (original company makes "Pakistan") including Gr 20 concrete &, two coats of anticorrosive paint& covered with welded steel plates or end cap to the top of pole. Rate to including drilling , erection, & installation all complete as per the instruction	nr	1.00	31,735.00	31,735.00
22	El054	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0" (1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733] (Cable - ACL/Kelani/Orange/Sierra)) (for 30A , single/ three phase supplies only)	nr	1.00	14,250.00	14,250.00
		Total carried to summary				352,024.00
		Roofer				
23	Ro41	Supplying of imported timber for wall plates	cu.m	0.80	439,310.00	351,448.00
24	Ro36	Supplying of 100 x 50mm rafters Imported timber	m	160.00	1,739.00	278,240.00
25	Ro38	Suppling of 50 x 50 mm Beares - Imported timber	m	210.00	804.00	168,840.00
26	Ro02-Ro01	Corrugated asbestos sheets supply only	m ²	152.50	2,273.00	346,632.50
27	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep went opening every vally point).	m	10.00	1,435.00	14,350.00
28	Ro05	Ridging, Calicut pattern bedded in cement and lime mortar 1:1:4, colour to match tiles, Rate to include, keep went opening every vally point.(Tiles available at site). - Single storied building.	m	7.50	1,013.00	7,597.50
		Total carried to summary				1,167,108.00
		Carpenter & Joiner				
29	Cp01	8"x3/4 " (200x20mm) Boards , barge , valance, fascia, 3/4" (20mm) thick in class II local (Ginisapu) timber prepared by using multi purpose wood working machine , fixed complete with necessary 2" Iron screws .applying one coat of wood presavative, one coat of aluminium primer & two coats of enamel paint	m	35.00	2,059.00	72,065.00
30	Cp03	10" x 3/4 " Boards , barge , valance, fascia, 3/4" thick in class II local (Ginisapu) timber prepared by using multi purpose wood working machine , fixed complete with necessary 2" Iron screws applying one coat of wood presavative, one coat of aluminium primer & two coats of enamel paint	m	18.00	2,626.00	47,268.00

ID	RS	Description	Unit	Qty.	Rate	Amount
31	Cp05	Ceiling , asbestos, flat, fixed with clout headed nails to (100 x50mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber prepared by using multi purpose wood working machine, including 1 1/2" x1/2" beading & 1 1/2" x 1 1/2" moulding. Applying one coat of aluminium primer & two coat enamel paint to beading & moulding (class II timber). Applying one coat of wall pillar & two coats emulsion paint to sheets (Rate to include applying two coats of wood preservative to timber framework & use 1 1/2" Iron screws for moulding & Beading at 600mm c/c	sq.m	87.00	7,855.00	683,385.00
32	Cp09	Asbestos eaves Ceiling , fixed with iron nails to 50 x 50mm joists at 600 mm c/c & 50 x 50 mm bearers at 600mm c/c of Imported timber prepared by using multi purpose wood working machine,Rate to include 1 1/2" x 1/2" beading , 1 1/2" x 1 1/2" moulding. Applying one coat of wall fillar & two coats emulsion paint to Ceiling Sheet. One coat aluminium primer, two coat enamel paint to beading & moulding & two coats of wood preservative for timber frame. use 1 1/2" iron screws for moulding & Beading at 600mm c/c	sq.m	44.00	7,737.00	340,428.00
33	Cp26	Doors 1 1/8" - 1 1/4" thick panelled sash only Jack timber fixed complete with new furniture including "Union Mortice lock made in England (5 years warranty) ,5" x3"brass hinges, Brass skeleton bolts 12", Brass barrel bolts 6" excluding painting(1/862x2035mm)Draw No/SPES/Rates23/Cp-21	sq.m	1.92	42,953.00	82,469.76
		Total carried to summary				1,225,615.76
		Iron Monger				
34	Ir23	Supplying,and fabricating12mm dia. M.S. rods grill, consisting 25 x 6 mm flat iron outer frame, with 2 nr 25 x 6 mm flat iron horizontally weld to equal length of outer frame.12mm M.S rods, passing through the drilled middle flat iron at 100mm c/c weld vertically to outer frame . Applying one coat of metal primer and two coats of enamel paint(different colour). Frame fixing to opening , using 1 1/2" iron screws and rawl plugs as per the given Draw. No: SPES/Rate23/Ir-23. (1.20x1.80m)	sq.m	18.89	11,137.00	210,377.91
35	Ir01	Supplying and fixing 20'-0 span and 25 degree pitch steel roof truss for Calicut tile with 2 nrs 50 x 50 x 6 mm top and bottom chord and 1/50x50x6mm struts, Angle iron members 150mm long 75 x 75 x 6mm cleats, 6mm thick Gusset plates and 10mm thick base plates and shoe plate.and 100mm long 50 x 6 mm thk separeters. Rate to include applying one coat of metal primer , 2 coats of anti corrosive paint. (Different colours) (Applying paint under the T.O.'s supervision). All complete according to the Draw. No. SPES/Rate23/Ir-01 .	nr	1.00	126,994.00	126,994.00
		Total carried to summary				337,371.91
		Painter & Decorator				
36	Pt28	Painting walls with one coats of wall filler (internal)(new work or after preparation of old wall)	sq.m	115.00	213.00	24,495.00

ID	RS	Description	Unit	Qty.	Rate	Amount
37	Pt36	Prepare and Painting Walls with Emulsion paint, 1 coat including preparing surface of old work.	sq.m	115.00	382.00	43,930.00
38	Pt29	Painting walls with one coats of Acrylic wall filler for external wall (new work or after preparation of old wall) -Ground floor	sq.m	100.00	233.00	23,300.00
39	Pt43	Wethershield paint to external faces of wall 01coat apply using brush(ground Floor)	sq.m	100.00	384.00	38,400.00
40	Pt47	Painting plinth and skirting with floor paint, 1 coat including preparing surface	sq.m	20.65	479.00	9,891.35
41	Pt03	Prepare and Painting woodwork with one coats of approved enamel paint.	sq.m	9.00	849.00	7,641.00
		Total carried to summary				147,657.35
		Plumber				
42	Pb83	Down pipe 90mm dia P.V.C., Elbows 90mm fixed with galvanized clip with nut & bolt @ 750 C/C to wall using 1"x 6 / 1"x 8 brass screws	m	27.00	2,379.00	64,233.00
43	Pb82	Eaves gutter (100 mm Square type) P.V.C. with end cap,miter joints,gutter joints,running head - fixed with PVC bracket @ 300 c/c with 3/4" jaguar nails ... etc.("S lon" or equivalent.)	m	34.60	2,207.00	76,362.20
		Total carried to summary				140,595.20
		Maintanance				
44	Ma12	Corrugated asbestos roof - using, supplied & available material, with frame work including applying with two coats of wood preservative-black to timber and laying corrugated asbestos sheet.(G. floor)	sq.m	153.00	1,683.00	257,499.00
		Total carried to summary				257,499.00
		Extra Item				
45	PS-MA	Provisional sum for Anti termite treatment	P.sum	1.00	90,000.00	90,000.00
		Total carried to summary				90,000.00