

ESTIMATE FOR

**ROOF REPAIRING OF 60*20 BULIDING AT G/ BOOSSA
M.V.**

PRESENTED BY

District Engineering Building Department - Galle

ROOF REPAIRING OF 60*20 BULIDING AT G/ BOOSSA M.V.

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	2,562,723.00	
2	VAT 18.00%	461,290.14	3,024,013.14
3	Consultant fees 0.00%	0.00	
4	Contingencies 10.00%	256,272.30	
5	Price Escalation 0.00%	0.00	256,272.30
TOTAL		(LKR)	3,280,285.44

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 *Manju Gunasekara*
(S.I.W)

Checked by *Manju Gunasekara*
(I.W)

Checked by *enoka priyadarshani*
(E.A)

Approved/Recommended

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Divisional Engineer (Buildings)

Eng. P.R. Dhanuka Dulshan
Divisional Engineer (Buildings)
District Engineer (Buildings) Substitute
Pettigalawaththa, Galle

Approved/Recommended

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District Engineer (Buildings)
Galle

Approved

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

ROOF REPAIRING OF 60*20 BULIDING AT G/ BOOSSA M.V.

Rate Schedule	Amount
(No Topic Assigned)	
<i>Demolisher</i>	130,338.50
<i>Brick Work</i>	305,079.50
<i>Concretor</i>	74,966.50
<i>Reinforcement</i>	15,708.00
<i>R R Masonry</i>	13,943.50
<i>Plasterer</i>	92,412.00
<i>Electrical</i>	174,254.00
<i>Roofer</i>	1,268,163.00
<i>Carpenter & Joiner</i>	186,641.00
<i>Painter & Decorator</i>	1,518.00
<i>Plumber</i>	32,102.00
<i>Maintanance</i>	267,597.00
Total	2,562,723.00

ROOF REPAIRING OF 60*20 BULIDING AT G/ BOOSSA M.V.

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
		<u>Demolisher</u>				
1	Dm24	Removing roof tiles and timber of roof completely, stacking serviceable materials and clearing debris in single storied buildings	sq.m	142.00	521.00	73,982.00
2	Dm31	Removing Unloading existing Truss (Timber)	nr	1.00	3,459.00	3,459.00
3	Dm38	Removing and stacking ,2"x2" GI mesh or Iron grill with frame from wall.	sq.m	14.00	577.00	8,078.00
4	Dm08	Demolishing brickwork in cement clearing debris away from site	cu.m	1.00	1,935.00	1,935.00
5	Dm05	Demolishing rubble masonry in cement, stacking rubble and clearing debris away from site	cu.m	0.50	3,845.00	1,922.50
6	Dm15	Removing lime plastering and clearing debris away from site	sq.m	21.00	140.00	2,940.00
7	Dmssr57	Unloading, hoisting & truss repairing ,re fixing existing truss (supplying timber separately)	Nr	2.00	19,011.00	38,022.00
		<i>Total carried to summary</i>				130,338.50
		<u>Brick Work</u>				
8	Bk02	Brickwork in cement : sand mortar 1:5 in piers (Ground Floor). (600mm*600mm*.600)	cu.m	2.00	36,532.00	73,064.00
9	Bk01	Brickwork in 225 mm 1:5 cement : sand mortar (Ground Floor).	cu.m	5.50	31,809.00	174,949.50
10	Bk02	Brickwork in cement : sand mortar 1:5 in piers (Ground Floor).(0.350*0.350)	cu.m	0.50	36,532.00	18,266.00
11	Bk06	Brickwork 112mm in cement : sand mortar 1:5 (Ground Floor)	sq.m	10.00	3,880.00	38,800.00
		<i>Total carried to summary</i>				305,079.50
		<u>Concretor</u>				
12	Ct39	Pad stones in cement concrete 1:2:4(3/4") (Gr.20) precast or in site (size 1'-6"x1'-6"x 0'-6")Rate including shuttering & curing	nr	4.00	1,585.00	6,340.00
13	Ct44	Lintel, cement concrete 1:2:4(3/4") (Gr.20) 9" x 6" (Reinforcement paid separately). Rate including shuttering &curing	m	21.00	2,960.00	62,160.00
14	Ct35	Cement concrete 1:2:4(3/4") (Gr.20 concrete) (R/F and Shuttering paid separately)incl: curing.Rate to include using mixture & vibrator	cu.m	0.25	25,866.00	6,466.50
		<i>Total carried to summary</i>				74,966.50
		<u>Reinforcement</u>				

ID	RS	Description	Unit	Qty.	Rate	Amount
15	Rf02	12mm dia: Tor steel Ground floor for lintol	kg	33.00	476.00	15,708.00
		Total carried to summary				15,708.00
		R R Masonry				
16	Rr01	Random Rubble Masonry in 1:5 cement mortar in structure (6" - 9" rubble)	cu.m	0.50	27,887.00	13,943.50
		Total carried to summary				13,943.50
		Plasterer				
17	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing	sq.m	72.00	1,227.00	88,344.00
18	PI08	3/4" thk Rendering in Cement and sand 1:2 in floors finished smooth with cement. Rate to include curing -Ground floor (plinth plaster)	sq.m	2.00	2,034.00	4,068.00
		Total carried to summary				92,412.00
		Electrical				
19	EI037	Dismantling 01 Nr Lamp point / Socket out let / ceiling fan point - including all wiring , conduits, accessories..etc.	nr	7.00	273.00	1,911.00
20	EI006	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm2, 1/1.13 earth wire 1mm2 including gang switch)all complete as per instruction Make (USHA ATOM EX 56 " / Telesonic Supreme with safety switch and cable) with 2 years warranty (SLSI Approved makes) (Switches - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - krypton/Polycrome) (fittings -krypton/Polycrome/Orange)	nr	3.00	24,150.00	72,450.00
21	EI002	Supplying and fixing 13Amp socket outlet with necessary concealed conduit wiring 7/0.53 (Cu/PVC/PVC) single wire 1.5mm2 1Cx2, 7/0.53 (1.5mm2) Earth wire all complete as per instruction (Socket - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - Krypton/Polycrome) (fittings - krypton/Polycrome/Orange)	nr	3.00	6,774.00	20,322.00
22	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	6.00	6,859.00	41,154.00

ID	RS	Description	Unit	Qty.	Rate	Amount
23	EI048	Supplying and fixing consumer unit 06 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 6 nrs M.C.B (6 Amp.-16 Amp.)700 encloser box & bus bar fixing Philips screws (MCB-Make -Orange electric 10kA/ Schneider/Chint NB 7/EB) (RCCB Make -Orange electric 10kA/Schneider/Chint NL1) (Enclosure- Polycrome) Original Makes with company warranty Certificate. all complete as per instruction	nr	1.00	24,167.00	24,167.00
24	EI054	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				174,254.00
		Roofer				
25	Ro41	Supplying of imported timber wall plate for roof & beam for wooden trusses	cu.m	0.90	439,310.00	395,379.00
26	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep went opening every vally point).	m	17.00	1,435.00	24,395.00
27	Ro36	Supplying of 100 x 50mm rafters Imported timber	m	170.00	1,739.00	295,630.00
28	Ro38	Suppling of 50 x 50 mm Beares - Imported timber	m	238.00	804.00	191,352.00
29	Ro02-Ro01	Corrugated asbestos sheets supply only	m ²	159.00	2,273.00	361,407.00
		Total carried to summary				1,268,163.00
		Carpenter & Joiner				
30	Cp02	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" brass screws.applying one coat of wood preservative, one coat of aluminium primer & two coats of enamel paint	m	53.00	1,002.00	53,106.00
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 1/2" 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 (staff room)	sq.m	17.00	7,855.00	133,535.00
		Total carried to summary				186,641.00

ID	RS	Description	Unit	Qty.	Rate	Amount
		Painter & Decorator				
32	Pt05	Wood preservative, (clear) applied to woodwork one coat (old work) for trusses	sq.m	6.00	253.00	1,518.00
		Total carried to summary				1,518.00
		Plumber				
33	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	7.00	2,207.00	15,449.00
34	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	7.00	2,379.00	16,653.00
		Total carried to summary				32,102.00
		Maintanance				
35	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 couple roof)	sq.m	159.00	1,683.00	267,597.00
		Total carried to summary				267,597.00