

ESTIMATE FOR
**RENOVATION OF 40*20 BUILDING AT G/ ALUTHWALA
M.V.**

PRESENTED BY
District Engineering Building Department - Galle

RENOVATION OF 40*20 BUILDING AT G/ ALUTHWALA M.V.

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q		
2	VAT 18.00%	1,678,015.25	
3	Consultant fees 0.00%	302,042.75	1,980,058.00
4	Contingencies 10.00%	0.00	
5	Price Escalation 0.00%	167,801.53	
		0.00	167,801.53
	TOTAL	(LKR)	2,147,859.52

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
(S.I.W) Prasad Hewagamage

Checked by
(I.W) Anil Chandralal

Checked by
(EA) enoka priyadarshani

Approved/Recommended

Divisional Engineer (Buildings)

Approved/Recommended

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

Approved

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

RENOVATION OF 40*20 BUILDING AT G/ ALUTHWALA M.V.

Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	33,627.00
Earth Work	11,538.00
Brick Work	38,800.00
Concretor	72,403.10
Reinforcement	9,520.00
Plasterer	68,982.50
Roofer	287,216.15
Iron Monger	1,141,569.00
Form work	14,359.50
Total	1,678,015.25

RENOVATION OF 40*20 BUILDING AT G/ ALUTHWALA M.V.

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
		Demolisher				
1	Dm20	Removing and stacking corrugated asbestos sheets with roof frame GF	sq.m	114.00	278.00	31,692.00
2	Dm08	Demolishing brickwork in cement clearing debris away from site	cu.m	1.00	1,935.00	1,935.00
		Total carried to summary				33,627.00
		Earth Work				
3	Ew07	Excavation for foundation by manually in any material except rock requiring blasting, part return fill in and ram, and disposing surplus within site as directed. (not exceeding 5ft depth)	cu.m	2.50	2,010.00	5,025.00
4	Ew09	Filling under floors with gravel or other approved quality of filling, spread, water and well rammed in 3"layers with available earth	cu.m	3.00	2,171.00	6,513.00
		Total carried to summary				11,538.00
		Brick Work				
5	Bk06	Brickwork for top of gable walls 112mm in cement : sand mortar 1:5 (Ground Floor)	sq.m	10.00	3,880.00	38,800.00
		Total carried to summary				38,800.00
		Concretor				
6	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	0.35	25,866.00	9,053.10
7	Ct09	Cement concrete 1:2 1/2:5(1") mix: up to 3.0 m3 (Shuttering paid separately) incl: curing	cu.m	2.00	31,675.00	63,350.00
		Total carried to summary				72,403.10
		Reinforcement				
8	Rf02	10mm Tor steel for gable copping Ground floor	kg	20.00	476.00	9,520.00
		Total carried to summary				9,520.00
		Plasterer				
9	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing	sq.m	25.00	1,227.00	30,675.00

ID	RS	Description	Unit	Qty.	Rate	Amount
10	Pl06	1/2" thk 1:3 Cement Rendering finished smooth with neat cement floating, Ground floor(sand to be sieved with 1/8" nets) Rate to include curing	sq.m	27.50	1,393.00	38,307.50
		Total carried to summary				68,982.50
		<u>Roofer</u>				
11	Ro02	Corrugated asbestos sheets supplied and fixed to roof or wall on existing framework with necessary roofing screws and limpet washers or hook bolts.	sq.m	82.80	2,808.00	232,502.40
12	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep vent opening every vally point).	m	17.25	1,435.00	24,753.75
13	Ro01	Corrugated sheets asbestos fixed with 1/4"x7" j bolts and nuts with washers or 12 X 4 1/2" roofing screws to roof (Corrugated sheets available).	sq.m	56.00	535.00	29,960.00
		Total carried to summary				287,216.15
		<u>Iron Monger</u>				
14	Ir03	Supplying and fixing 20'-0 span and 22 degree pitch with 900mm wide eaves with both side , steel roof truss for asbestos purlin roof, with 2 nrs 50 x 50 x 6 mm top and bottom chord and 1/50x50x6mm struts, Angle iron members 62 x 62 x 6mm 150 mm long cleats, 6 mm thick Gusset plates and 10mm thick base plates and shoe plate. and 100mm long 50 x 6 mm thk separators . Rate to include applying one coat of metal primer , 2 coats of anticorrosive paint. (Applying paint under the T.O.'s supervision)(Different colours) Draw. No. SPES/Rate23/Ir-03.	nr	3.00	135,472.00	406,416.00
15	Ir12	Supplying and fixing Angle iron purlin 62 x 62 x 6 mm angle iron purlin at maximum spacing of 3'-6" centre & maximum span of 10'-0" including necessary 300mm long, 50 x 50 x 6mm angle iron for inside & 300mm long 50 x 6 mm flat iron for out side of purlin joints , 1/2, dia 1 1/2" M.S bolt washers and nut etc. and application of one coat of metal primer & two coats of anticorrosive paint different clour in single storied Building. (Applying paint under the T.O.'s supervision) Draw. No.SPES/Rate23/Ir-12 .	m	172.50	3,474.00	599,265.00
16	Ir13	Supplying fabricated and hoisting 50 x 50 x 6 mm double angle iron sleeper with 3 nr 16mm dia. 250mm long mild steel rod should be insert to 300 X 225 X 225 mm size 1:2:4 (3/4) concrete pad on gable wall. Including 100 mm long ,50 x 6 mm flat iron separators at 2000 mm spacing & 150 mm long, 62 x 62 x 6 mm angle iron cleat with one coat of metal primer & two coats of anticorrosive paint (Applying paint under the T.O.'s supervision)(different colours) - (Single storied building) (Draw.No.SPES/Rate23/Ir-13).	m	24.00	5,662.00	135,888.00
		Total carried to summary				1,141,569.00

ID	RS	Description	Unit	Qty.	Rate	Amount
		Form work				
17	Fw04	Sawn timber (class II) formwork for sides of column	sq.m	3.24	1,850.00	5,994.00
18	Fw17	Shuttering for 4 1/2"X 3"concrete coping using Class (II) timber planks (Rate to include dismantling same when required).for both sides	m	16.50	507.00	8,365.50
		Total carried to summary				14,359.50