

ESTIMATE FOR
REPAIRS TO ROOF OF 120'X22' MAIN BUILDING AT
MR/DODAMPAHALA ~~M.V~~ K.V.

PRESENTED BY

District Engineer's (Buildings) office, Matara

REPAIRS TO ROOF OF 120'X22' MAIN BUILDING AT MR/DODAMPAHALA M.V

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	6,384,772.25	
2	VAT 18.00%	1,149,259.01	7,534,031.26
3	Consultant fees 3.00%	191,543.17	
4	Contingencies 10.00%	638,477.23	
5	Price Escalation 2.00%	127,695.45	957,715.84
TOTAL		(LKR)	8,491,747.09

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/W)

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District Engineer (Buildings) Office

Pallimulla, Matara.

Approved

Chief Engineer (S.B/O.B)

Director of Buildings

Deputy Chief Secretary (Eng. Ser.)

REPAIRS TO ROOF OF 120'X22' MAIN BUILDING AT MR/DODAMPAHALA M.V

D	RS	Description	Unit	Qty.	Rate	Amount
120'X22' Single storied Building						
		<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	394.00	521.00	205,274.00
2	Dm31	Removing Unloading existing Truss (Timber , steel....etc)	nr	10.00	3,459.00	34,590.00
		Total carried to summary				239,864.00
		<u>Brick Work</u>				
3	Bk01	Brickwork in 225 mm 1:5 cement : sand mortar (Ground Floor).	cu.m	4.50	30,616.00	137,772.00
4	Bk02	Brickwork in cement : sand mortar 1:5 in piers (Ground Floor).	cu.m	0.25	35,401.00	8,850.25
		Total carried to summary				146,622.25
		<u>Concretor</u>				
5	Ct40	Pad stones in cement concrete 1:2:4(3/4")(Gr.20) precast or in site (size 131/2"x131/2"x9") (Rate including shuttering & curing)	nr	20.00	1,464.00	29,280.00
6	Ct45	Lintel, cement concrete 1:2:4(3/4")-(Gr.20)-9" x 9" (Reinforcement paid separately). Rate including shuttering & curing	m	11.00	3,855.00	42,405.00
		Total carried to summary				71,685.00
		<u>Reinforcement</u>				
7	Rf02	12mm dia. Tor steel reinforcement for lintel in Ground floor	kg	61.00	476.00	29,036.00
8	Rf12	6mm dia. Mild steel reinforcement for lintels in Ground floor	kg	15.00	406.00	6,090.00
		Total carried to summary				35,126.00
		<u>Plasterer</u>				
9	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing	sq.m	46.50	1,236.00	57,474.00
		Total carried to summary				57,474.00
		<u>Electrical</u>				
10	EI037	Dismantling 01 Nr Lamp point / Socket out let / ceiling fan point - including all wiring , conduits, accessories..etc.	nr	12.00	273.00	3,276.00

ID	RS	Description	Unit	Qty.	Rate	Amount
11	EI180	Supply and fixing concealed conduit 1Nr ceiling fan point wiring including 1/1.13 1mm ² 1C×2 wire / 1/1.13 1mm ² earth wire / sang switch 1 way / sunk box / and fixing materials all complete as per the instruction (Switch - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (fittings - krypton/Polycrome/Orange) (Conduit- krypton/Polycrome)	nr	4.00	5,263.00	21,052.00
12	EI015	Refixing of existing ceiling fan including fixing materials / cleaning all complete as per the instruction.	nr	4.00	819.00	3,276.00
13	EI006	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm ² , 1/1.13 earth wire 1mm ² including gang switch)all complete as per instruction Make (USHA ATOM EX 56 " / Telesonic Supreme with safety switch and cable) with 2 years warenty (SLSI Approved makes) (Switches - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - krypton/Polycrome) (fittings - krypton/Polycrome/Orange)	nr	2.00	24,150.00	48,300.00
14	EI018	Supply and fixing 01 No. Pendent type lamp(12W LED Bulb - efficacy:85 lumen/W or above with two years warenty) 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
15	EI003	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5 mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Socket - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - krypton/Polycrome) (fittings - krypton/Polycrome/Orange)	nr	6.00	7,998.00	47,988.00
16	EI022	Supply and fixing 01 No. Angel/Batten Type lamp including (12W LED Bulb - efficacy:85 lumen/W or above with two years warenty) with Approved quality Gang switch including 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	6,525.00	13,050.00
17	EI049	Supplying and fixing consumer unit 08way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 8 nrs M.C.B (6 Amp.-16 Amp.)900 ABC enclosure 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- Polychrome)Original Makes with company warenty Certificate. all complete as per instruction	nr	1.00	27,400.00	27,400.00

ID	RS	Description	Unit	Qty.	Rate	Amount
18	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
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	1.00	4,277.00	4,277.00
20	EI057	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection. all complete as per instruction	nr	1.00	1,837.00	1,837.00
21	EI066	Supplying and fixing (7/1.04) (Cu/PVC/PVC) (Twin) Main wire (6mm ²) (Cable - ACL/Kelani/Orange/Sierra) - Cable SLS 733	m	15.00	1,033.00	15,495.00
		Total carried to summary				241,355.00
		<u>Roofer</u>				
22	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep went opening every vally point).	m	40.00	1,441.00	57,640.00
23	Ro11	Approved Quality Corrugated Asbestos sheets roofing 1/4"x7" j bolt with nut & washers on imported timber frame 150 x 75 mm purline, 150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters (maximum span is 2.7m) and 50 x 50mm beares supplied fixed complete including frame with applied two coats of clear wood preservative (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately. Ground floor. (Reffer draw. No. SPES/Rate23/Ro-11)	sq.m	374.00	9,938.00	3,716,812.00
		Total carried to summary				3,774,452.00
		<u>Carpenter & Joiner</u>				
24	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	98.00	2,059.00	201,782.00
		Total carried to summary				201,782.00
		<u>Iron Monger</u>				

ID	RS	Description	Unit	Qty.	Rate	Amd
25	Ir02	Supplying and fixing 20'-0 span and 22 degree pitch steel roof truss for asbestos roof, with 2 nrs 50 x 50 x 6 mm top and bottom chord and 1/50x50x6mm struts, Angle iron members 75 x 75 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 separeters 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-02.	nr	10.00	124,243.00	1,242,430.00
		Total carried to summary				1,242,430.00
		Painter & Decorator				
26	Pt31	Applying skim coat & one coats of wall filler for internal wall. (semi rough plastered new work or after preparation of old wall)	sq.m	53.00	640.00	33,920.00
27	Pt37	Prepare and Painting New walls with two coats of emulsion paint to internal wall (Using roller brush)	sq.m	53.00	588.00	31,164.00
28	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	48.00	233.00	11,184.00
29	Pt44	Wethershield paint to external faces of wall 02coat apply using roller brush 2" brush (ground Floor)	sq.m	48.00	595.00	28,560.00
		Total carried to summary				104,828.00
		General Works				
30	GW-SSR-48	Carrying out of anti-termite treatment in post construction work with use of Biflex solution 10% EC at the rate of 5 liter per m2 of soil area in 1: 200 liter of water dilution rate in minimum internally and 1:100 liters of water dilution rate in minimum to create an externally barrier around the unit by drilling the floor 2ft by 2ft near the foundation to a 1ft depth & injecting solution including of timber door/window frames. The rate shall include to provide a 5 year warranty certificate in minimum by a registered company.	m2	342.00	787.00	269,154.00
		Total carried to summary				269,154.00

REPAIRS TO ROOF OF 120'X22' MAIN BUILDING AT MR/DODAMPAHALA M.V**Rate Schedule****Amount**

120'X22' Single storied Building

<i>Demolisher</i>	239,864.00
<i>Brick Work</i>	146,622.25
<i>Concretor</i>	71,685.00
<i>Reinforcement</i>	35,126.00
<i>Plasterer</i>	57,474.00
<i>Electrical</i>	241,355.00
<i>Roofer</i>	3,774,452.00
<i>Carpenter & Joiner</i>	201,782.00
<i>Iron Monger</i>	1,242,430.00
<i>Painter & Decorator</i>	104,828.00
<i>General Works</i>	269,154.00
Total	6,384,772.25