

ESTIMATE FOR

**ROOF REPAIRING OF 40\*20 BUILDING AT G/  
MANDALAPURA K.V.**

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PRESENTED BY

District Engineering Building Department - Galle

Estimate Ref. No: 2091

# ROOF REPAIRING OF 40\*20 BUILDING AT G/ MANDALAPURA K.V.

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	2,885,872.00	
2	VAT 18.00%	519,456.96	3,405,328.96
3	Consultant fees 0.00%	0.00	
4	Contingencies 10.00%	288,587.20	
5	Price Escalation 0.00%	0.00	288,587.20
TOTAL		(LKR)	3,693,916.16

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

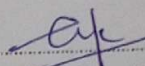
All work necessary have been provided in this estimates. The Quantities and rates were checked and found correct.

Prepared by *pradeep lasantha*  
(S.I.W)

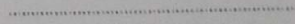
Checked by *jagath chandrasekara*  
(I.W)

Checked by *enoka priyadarshani*  
(E.A)


Approved/Recommended

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

Approved/Recommended

  
District Engineer (Buildings)  
Galle

Approved

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

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# ROOF REPAIRING OF 40\*20 BUILDING AT G/ MANDALAPURA K.V.

Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	157,238.00
Concretor	2,958.00
Pavior	411,264.00
Roofer	525,778.00
Iron Monger	1,757,650.00
Painter & Decorator	30,984.00
<b>Total</b>	<b>2,885,872.00</b>



# ROOF REPAIRING OF 40\*20 BUILDING AT G/ MANDALAPURA K.V.

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
		<b><u>Demolisher</u></b>				
1	Dm24	Removing roof tiles and timber of roof completely, stacking serviceable materials and clearing debris in single storied buildings	sq.m	176.00	521.00	91,696.00
2	Dm10	Demolishing floors 3" thick brick paved, stacking reuseable bricks and clearing debris away from site	sq.m	108.00	281.00	30,348.00
3	Dm38	Removing and stacking ,2"x2" GI mesh or Iron grill with frame from wall.	sq.m	55.00	577.00	31,735.00
4	Dm31	Removing Unloading existing Truss ( Timber , steel....etc)	nr	1.00	3,459.00	3,459.00
		Total carried to summary				157,238.00
		<b><u>Concretor</u></b>				
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	2.00	1,479.00	2,958.00
		Total carried to summary				2,958.00
		<b><u>Pavior</u></b>				
6	Pa03	Floors, cement concrete 1:2 1/2: 5 (25 mm Metal) 75 mm thick, cement rendered 12.5 mm 1:3 with expansion joints filled with cement and sand	sq.m	108.00	3,808.00	411,264.00
		Total carried to summary				411,264.00
		<b><u>Roofer</u></b>				
7	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	176.00	2,808.00	494,208.00
8	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep went opening every vally point).	m	22.00	1,435.00	31,570.00
		Total carried to summary				525,778.00
		<b><u>Iron Monger</u></b>				



ID	RS	Description	Unit	Qty.	Rate	Amount
9	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
10	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	220.00	3,474.00	764,280.00
11	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 separaters 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	28.00	5,662.00	158,536.00
12	IRssr52	Supplying and fixing 2 nos 50x50x6mm angle iron for existing 20ft span truss for supporting eaves as per instructions.	m	8.00	4,195.00	33,560.00
13	Ir16	Supplying making and fixing 37X 37X 6mm thick 225 mm long angle iron Brackets in purlin end and applying one coats of metal primer & two coats of anticorrosive paint , Nut & Bolt (Rate to include 1/4" Ø and 3/8" Ø drilling holes). Single storied Building. Draw.No. SPES/Rate23/Ir-14 .	nr	30.00	945.00	28,350.00
14	Ir21	Supplying and making 6 mm dia. M.S. rod grills for windows with 25x25x3 mm thick M.S. angle iron outer frame with 4 nr 25 x 25 x 3 mm angle iron(2 nr together) middle bar vertically and 2 nr together 25 x 25 x 3 mm angle iron middle bar horizontally & 6 mm dia. M.S. rods weld to frame, at 75 mm C/C. & to 700 angle both ways, horizontal & vertical distance should be 75 mm & 200 mm respectively. Frame fixed to window openings with 1 1/2" iron screws & applying one coats of metal primer & 2 coats of approved quality enamel paint( different colour)( 9'-3"x6'-0" size ) all complet as per detail Draw. No :SPES/Rate23/Ir-21	sq.m	55.00	9,860.00	542,300.00



ID	RS	Description	Unit	Qty.	Rate	Amount
15	Ir28	Iron door with 6 mm dia. M.S. grill - Fabricating and fixing Iron door Door Frame with 32 x 32 x 6 mm angle Iron (Heavy quality) and Sash with 20 mm Ø dia. G.I pipe outer frame (Heavy quality)-with 1nr middle bar. 6mm M.S steel bars welded to upper part of sash frame at 75mm c/c bothways at 700 Angle .12x6 mm thick flat iron welded around the lower part of the frame and 2 nr 20x6 mm thick intermediate flat iron welded horizontally ,and 0.47 thick Zn/Al sheet fixed to flat iron frame with pop rivets. Door sash fixed to frame with 03nr 100 x75mm steel hinges. Applying one coat of metal primer and two coats of enamel paint(Differant colour). Rate to include 6" Hasp and staple with approved quality 50mm Brass pad lock. Draw.No.SPES/Rate23/Ir-28.	sq.m	5.00	20,726.00	103,630.00
		Total carried to summary				1,757,650.00
		<b><u>Painter &amp; Decorator</u></b>				
16	Pt22	Prepare and Painting steelwork, one coat of Z/Pmetal primer and 2 coats of anticorrosive paint including removing scale and wire brushing. ( under the supervision of technical officer) for 3nos Truss	sq.m	24.00	1,291.00	30,984.00
		Total carried to summary				30,984.00