

ESTIMATE FOR

**RENOVATION OF 40\*20 BUILDING ROOF REPAIR -  
POLPELAKATIYA K.V**

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PRESENTED BY

District Engineering Building Department - Galle

Estimate Ref. No: 2087

# RENOVATION OF 40\*20 BUILDING ROOF REPAIR - POLPELAKATIYA K.V

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	1,769,455.75	
2	VAT 18.00%	318,502.04	2,087,957.79
3	Consultant fees 0.00%	0.00	
4	Contingencies 10.00%	176,945.58	
5	Price Escalation 0.00%	0.00	176,945.58
TOTAL		(LKR)	2,264,903.36

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

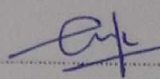
All work necessary have been provided in this estimates. The Quantities and rates were checked and found correct.

Prepared by *wasanthe semage*  
(S.I.W)

Checked by *hemantha senevirathna*  
(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**

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District Engineer (Buildings)  
Galle

**Approved**

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

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**RENOVATION OF 40\*20 BUILDING ROOF REPAIR -POLPELAKATIYA K.V**

Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	95,170.00
Brick Work	42,680.00
Concretor	63,214.50
Reinforcement	52,990.00
Plasterer	69,060.50
Roofer	408,311.50
Carpenter & Joiner	52,671.20
Iron Monger	931,590.05
Painter & Decorator	53,768.00
<b>Total</b>	<b>1,769,455.75</b>



# RENOVATION OF 40\*20 BUILDING ROOF REPAIR - POLPELAKATIYA 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	138.00	521.00	71,898.00
2	Dm38	Removing and stacking ,2"x2" GI mesh or Iron grill with frame from wall.	sq.m	15.50	577.00	8,943.50
3	Dm39	Removing and stacking Timber Door or Window frame with sash, from existing walls	sq.m	2.50	468.00	1,170.00
4	Dm10	Demolishing floors 3" thick brick paved, stacking reuseable bricks and clearing debris away from site	sq.m	25.00	281.00	7,025.00
5	Dm17	Removing rendering, cement, and clearing debris away from brick walls and floors	sq.m	14.50	423.00	6,133.50
		Total carried to summary				95,170.00
		<b><u>Brick Work</u></b>				
6	Bk06	Brickwork 112mm in cement : sand mortar 1:5 (Ground Floor)	sq.m	11.00	3,880.00	42,680.00
		Total carried to summary				42,680.00
		<b><u>Concretor</u></b>				
7	Ct43	Lintel, cement concrete 1:2:4(3/4") (Gr. 20) 4 1/2" x 6" (Reinforcement paid separately). Rate including shuttering & curing	m	25.50	2,479.00	63,214.50
		Total carried to summary				63,214.50
		<b><u>Reinforcement</u></b>				
8	Rf02	12mm dia Tor steel for lintel	kg	90.00	476.00	42,840.00
9	Rf12	6mm mild Steel reinforcement for lintel Ground floor	kg	25.00	406.00	10,150.00
		Total carried to summary				52,990.00
		<b><u>Plasterer</u></b>				
10	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing Internal	sq.m	18.00	1,227.00	22,086.00
11	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing External	sq.m	15.50	1,227.00	19,018.50
12	PI09	Plinth plaster-3/4" thk Rendering in Cement and sand 1:3 in floors finished smooth Rate to include curing, - Ground floor	sq.m	14.50	1,928.00	27,956.00
		Total carried to summary				69,060.50



ID	RS	Description	Unit	Qty.	Rate	Amount
		<b><u>Roofer</u></b>				
13	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	138.00	2,808.00	387,504.00
14	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep vent opening every vally point).	m	14.50	1,435.00	20,807.50
		Total carried to summary				408,311.50
		<b><u>Carpenter &amp; Joiner</u></b>				
15	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	28.66	970.00	27,800.20
16	Cp03	10" x 3/4 " Boards , barge , 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	19.25	1,292.00	24,871.00
		Total carried to summary				52,671.20
		<b><u>Iron Monger</u></b>				
17	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 x6 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	19.50	5,662.00	110,409.00
18	Ir12	Supplying and fixing Angle iron purlin 62 x 62 x6 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	172.00	3,474.00	597,528.00



ID	RS	Description	Unit	Qty.	Rate	Amount
19	Ir14	Supplying making and fixing 200 long 50 x 6 mm thick. Flat iron Bracket for valance Board in eaves purlin at 30" c/c with necessary fillet weld including one coat of metal primer & two coats of Anticorrosive paint. (Single storied Building with out eave ceiling) Draw.No.SPES/Rate23/Ir-14 .	nr	40.00	925.00	37,000.00
20	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	10.20	9,860.00	100,572.00
21	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	2.30	20,726.00	47,669.80
22	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	24.00	945.00	22,680.00
23	IRssr52	Supplying and fixing 2 nos 50x50x6mm angle iron for existing 20ft span truss for supporting eaves as per instructions.	m	3.75	4,195.00	15,731.25
		Total carried to summary				931,590.05
		<b>Painter &amp; Decorator</b>				
24	Pt23	Painting Roof truss steel work ,one coat of primer , One coats, of anticorrosive paint and 2 coats of enamel paint including removing scale and wire brushing (different colour) (under the supervision of technical officer)	sq.m	22.00	2,444.00	53,768.00
		Total carried to summary				53,768.00