

ESTIMATE FOR

**REPAIRING OF THE ROOF OF 60' X 20' BUILDING AT
MR/ KEERTHI SRI PRIMARY COLLEGE**

PRESENTED BY

District Engineer's (Buildings) office, Matara

Estimate Ref. No: 2457



REPAIRING OF THE ROOF OF 60' X 20' BUILDING AT MR/ KEERTHI SRI PRIMARY COLLEGE

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	2,982,186.00	
2	VAT 18.00%	536,793.48	3,518,979.48
3	Consultant fees 3.00%	89,465.58	
4	Contingencies 10.00%	298,218.60	
5	Price Escalation 2.00%	59,643.72	447,327.90
TOTAL		(LKR)	3,966,307.38

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)

Hiran Asanka

Checked by
(I.W)

K.K.Pinidiya

Checked by
(E.A)

Manoja Gulawita

Approved/Recommended

Divisional Engineer (Buildings)

2025 July 09 D.N. Yogananda

Divisional Engineer
For District Engineer (Buildings)
District Engineer (Buildings) Office
Pallimulla, Matara

Approved/Recommended

District Engineer (Buildings)
Mathara

Approved

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

This is a computer-generated document. No signature is required.

REPAIRING OF THE ROOF OF 60' X 20' BUILDING AT MR/ KEERTHI SRI PRIMARY COLLEGE

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
		Demolisher				
1	Dm24	Removing roof tiles and timber of roof completely, stacking serviceable materials and clearing debris in single storied buildings	sq.m	185.00	521.00	96,385.00
2	Dm31	Removing Unloading existing Truss (Timber , steel....etc)	nr	5.00	3,459.00	17,295.00
3	Dm08	Demolishing brickwork in cement clearing debris away from site	cu.m	3.00	1,935.00	5,805.00
4	Dm15	Removing lime plastering and clearing debris away from site	sq.m	21.00	140.00	2,940.00
5	Dm17	Removing rendering, cement, and clearing debris away from brick walls and floors	sq.m	7.00	423.00	2,961.00
		Total carried to summary				125,386.00
		Concretor				
6	Ct39	Pad stones in cement concrete 1:2:4(3/4") (Gr.20) precast or in site (size 1'-6"x1'-1 1/2"x 0'-6")Rate including shuttering & curing	nr	10.00	1,567.00	15,670.00
		Total carried to summary				15,670.00
		Plasterer				
7	PI02	3/8 " Thick plastering to RCC beams, slab soffit , column in cement and sand 1:3 (G: Floor)	sq.m	3.00	1,651.00	4,953.00
8	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing	sq.m	27.00	1,236.00	33,372.00
9	PI09	3/4" thk Rendering in Cement and sand 1:3 in floors finished smooth Rate to include curing, - plinth plaster	sq.m	7.00	1,938.00	13,566.00
		Total carried to summary				51,891.00
		Electrical				
10	EI037	Dismantling 01 Nr Lamp point / Socket out let / ceiling fan point - including all wiring , conduits, accessories..etc.	nr	20.00	273.00	5,460.00
11	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	6.00	6,774.00	40,644.00

ID	RS	Description	Unit	Qty.	Rate	Amount
12	El018	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	12.00	6,859.00	82,308.00
13	El015	Refixing of existing ceiling fan including fixing materials / cleaning all complete as per the instruction.	nr	6.00	819.00	4,914.00
14	El181	Supply and extend ceiling fan rod including Connecting cable all complet as per the instruction Rate per 1.52m (used for USHA/ Telesonic)	nr	6.00	1,648.00	9,888.00
15	El027	Supplying and fixing Water proof wall lamp shade(bulk head type) with , 9W LED bulb (efficacy: 85 lumen/W or above with two years warranty) and necessary concealed conduit wiring including one GANG sunk switch complete 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](Water proof wall lamp shade prime cost Rs.1650.00)	nr	6.00	8,060.00	48,360.00
16	El057	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection. all complete as per instruction	nr	2.00	1,837.00	3,674.00
		Total carried to summary				195,248.00
		<u>Roofer</u>				
17	Ro15	Supplying laying and fixing corrugated asbestos roofing sheets (app. Quality) on existing angle iron . purline frame with G.I. 'J' bolts diamond washers and nuts in single storied Building	sq.m	185.00	2,764.00	511,340.00
18	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	1,441.00	31,702.00
		Total carried to summary				543,042.00
		<u>Carpenter & Joiner</u>				
19	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 preservative, one coat of aluminium primer & two coats of enamel paint	m	43.00	2,059.00	88,537.00

ID	RS	Description	Unit	Qty.	Rate	Amount
20	Cp03	10" x 3/4" Boards , barge , valance, fascia, 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 preservative, one coat of aluminium primer & two coats of enamel paint	m	18.00	2,626.00	47,268.00
		Total carried to summary				135,805.00
		Iron Monger				
21	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	5.00	135,472.00	677,360.00
22	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	18.00	5,658.00	101,844.00
23	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 colour in single storied Building. (Applying paint under the T.O.'s supervision) Draw. No.SPES/Rate23/Ir-12 .	m	213.00	3,474.00	739,962.00
24	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	60.00	925.00	55,500.00
25	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	20.00	945.00	18,900.00
		Total carried to summary				1,593,566.00
		Painter & Decorator				

ID	RS	Description	Unit	Qty.	Rate	Amount
26	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	220.00	233.00	51,260.00
27	Pt44	Wethershield paint to external faces of wall 02coat apply using roller brush 2" brush (ground Floor)	sq.m	220.00	595.00	130,900.00
28	Pt47	Painting plinth and skirting with floor paint, 1 coat including preparing surface	sq.m	23.00	479.00	11,017.00
29	Pt30	Applying skim coat & one coats of wall filler (smooth platered new work or after preparation of old wall)	sq.m	121.00	374.00	45,254.00
30	Pt37	Prepare and Painting New walls with two coats of emulsion paint to internal wall (Using roller brush)	sq.m	121.00	588.00	71,148.00
31	Pt49	Preparing of surface & applying 2 coats of Black board paint	sq.m	13.00	923.00	11,999.00
		Total carried to summary				321,578.00

REPAIRING OF THE ROOF OF 60' X 20' BUILDING AT MR/ KEERTHI SRI PRIMARY COLLEGE

Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	125,386.00
Concretor	15,670.00
Plasterer	51,891.00
Electrical	195,248.00
Rofer	543,042.00
Carpenter & Joiner	135,805.00
Iron Monger	1,593,566.00
Painter & Decorator	321,578.00
Total	2,982,186.00