

ESTIMATE FOR

**RENOVATION OF THE 70' \* 20' LIBRARY BUILDING AT  
MR/ ATHTHUDAWA M.V.**

PRESENTED BY

District Engineer's (Buildings) office, Matara

Estimate Ref. No: 2493


**RENOVATION OF THE 70' \* 20' LIBRARY BUILDING AT MR/ ATHTHUDAWA M.V.**

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	3,100,204.40	
2	VAT 18.00%	558,036.79	3,658,241.19
3	Consultant fees 2.50%	77,505.11	
4	Contingencies 10.00%	310,020.44	
5	Price Escalation 2.00%	62,004.09	449,529.64
<b>TOTAL</b>		<b>(LKR)</b>	<b>4,107,770.83</b>

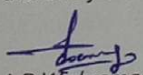
This estimate was prepared on the instruction of District Engineer (Buildings) and the rate prevailing in 2025 First Half - 2025/01/05.

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


Prepared by  
(S.I.W)

  
inoka nayanananthi

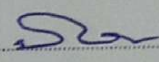
Checked by  
(I.W)

  
A.D. Wickramanayake

Checked by  
(E.A)

  
Shamali Priyanthi priyanthi

**Approved/Recommended**

  
Divisional Engineer (Buildings)  
2025/03/05  
Eng. D.N. Yogananda  
Divisional Engineer  
For District Engineer (Buildings)  
District Engineer (Buildings) Office  
**Approved/Recommended**

District Engineer (Buildings)  
Mathara

**Approved**

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



# RENOVATION OF THE 70' \* 20' LIBRARY BUILDING AT MR/ ATHTHUDAWA M.V.

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
<b>Demolisher</b>						
1	Dm24	Removing roof tiles and timber of roof completely, stacking serviceable materials and clearing debris in single storied buildings	sq.m	195.00	521.00	101,595.00
2	Dm37	Removing and stacking 2"x2" GI mesh from existing frames - iron door	sq.m	2.20	346.00	761.20
		Total carried to summary				102,356.20
<b>Earth Work</b>						
3	Ew01	Earth cutting and levelling site by manually in any material except rock requiring blasting, including transporting within 1/4 mile, depositing and levelling	cu.m	15.00	1,292.00	19,380.00
		Total carried to summary				19,380.00
<b>Brick Work</b>						
4	Bk09	Steps, 12" wide and 6"-to-9" high masonry or brickwork in cement mortar 1:3, rendering 1/2" cement 1:2 with foundation 6" below ground.	m	4.00	3,165.00	12,660.00
		Total carried to summary				12,660.00
<b>Concretor</b>						
5	Ct09	Cement concrete 1:2 1/2:5(1") mix: up to 3.0 m3 (Shuttering paid separately) incl: curing for drain	cu.m	8.00	31,071.00	248,568.00
		Total carried to summary				248,568.00
<b>Plasterer</b>						
6	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	125.00	1,399.00	174,875.00
		Total carried to summary				174,875.00
<b>Electrical</b>						



ID	RS	Description	Unit	Qty.	Rate	Amount
7	EI007	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm <sup>2</sup> , 1/1.13 earth wire 1mm <sup>2</sup> ) including gang switch all complete as per instruction with safety cable and switch ( Make KDK with warranty ) (SLSI Approved makes) (model N56RG) (Switches - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - krypton/Polycrome) (fittings - krypton/Polycrome/Orange)	nr	6.00	28,964.00	173,784.00
8	EI018	Supply and fixing 01 No. Pendant 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
9	EI005	Supply and fixing 13A socket outlet with necessary PVC casing wiring (7/0.67 PVC single wire 2.5mm <sup>2</sup> ) 1 core x2, 7/0.67 earth wire (2.5mm <sup>2</sup> ) all complete as per the instruction.(Socket - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Casing - krypton/Polycrome) (fittings - krypton/Polycrome/Orange)	nr	5.00	7,714.00	38,570.00
10	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 warranty Certificate. all complete as per instruction	nr	1.00	27,400.00	27,400.00
11	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
12	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
13	EI054	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"( 1800 mm ) long (heavy duty) and connected the7/1.04 earth wire (6mm <sup>2</sup> ) 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
14	EI066	Supplying and fixing (7/1.04) (Cu/PVC/PVC) (Twin) Main wire (6mm <sup>2</sup> ) (Cable - ACL/Kelani/Orange/Sierra) - Cable SLS 733	m	2.00	1,033.00	2,066.00
		Total carried to summary				344,492.00
		Roofer				



Amount  
784.00

	RS	Description	Unit	Qty.	Rate	Amount
15	Ro41	Supplying of imported timber	cu.m	0.30	439,310.00	131,793.00
16	Ro36	Supplying of 100 x 50mm rafters Imported timber	m	270.00	1,739.00	469,530.00
17	Ro38	Suppling of 50 x 50 mm Beares - Imported timber	m	230.00	804.00	184,920.00
18	RO-SSR-37	Corrugated Asbestos sheet supplied to site , (Rate to include wastage & transport, measured to after laying)	m2	195.00	2,273.00	443,235.00
19	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep went opening every vally point).	m	23.00	1,441.00	33,143.00
		Total carried to summary				1,262,621.00
		<b>Carpenter &amp; Joiner</b>				
20	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	46.00	2,059.00	94,714.00
21	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 presavative, one coat of aluminium primer & two coats of enamel paint	m	17.00	2,626.00	44,642.00
		Total carried to summary				139,356.00
		<b>Iron Monger</b>				
22	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	2.20	20,726.00	45,597.20
		Total carried to summary				45,597.20
		<b>Brass founder</b>				
23	Bf19	Supplying and fixing Union Mortice Locks(including 3/4"x7 screws)- single sashes, with duplicate keys. Made in England with 5 year warenty	nr	2.00	11,280.00	22,560.00
		Total carried to summary				22,560.00



ID	RS	Description	Unit	Qty.	Rate	Amount
		<b><u>Painter &amp; Decorator</u></b>				
24	Pt24	Painting steelwork, One coat 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	14.00	2,044.00	28,616.00
25	Pt03	Prepare and Painting woodwork with one coats of approved enamel paint.	sq.m	16.00	849.00	13,584.00
26	Pt28	Painting walls with one coats of wall filler (internal)(new work or after preparation of old wall)	sq.m	205.00	213.00	43,665.00
27	Pt37	Prepare and Painting New walls with two coats of emulsion paint to internal wall ( Using roller brush)	sq.m	205.00	588.00	120,540.00
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	130.00	233.00	30,290.00
29	Pt47	Painting plinth and skirting with floor paint, 1 coat including preparing surface	sq.m	17.00	479.00	8,143.00
30	Pt44	Wethershield paint to external faces of wall 02coat apply using roller brush 2" brush ( ground Floor)	sq.m	130.00	595.00	77,350.00
31	Pt30	Applying skim coat & one coats of wall filler (smooth platered new work or after preparation of old wall)	sq.m	9.00	374.00	3,366.00
		<i>Total carried to summary</i>				325,554.00
		<b><u>Maintanance</u></b>				
32	Ma12	Corrugated asbestos roof - using, supplied & available material, with frame work including applying with two coats of wood preservative-black to timber and laying corrugated asbestos sheet.(G. floor )	sq.m	195.00	1,683.00	328,185.00
		<i>Total carried to summary</i>				328,185.00
		<b><u>Form work</u></b>				
33	Fw04	Sawn timber (class II) formwork for sides of foundation footings.	sq.m	40.00	1,850.00	74,000.00
		<i>Total carried to summary</i>				74,000.00

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Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	102,356.20
Earth Work	19,380.00
Brick Work	12,660.00
Concretor	248,568.00
Plasterer	174,875.00
Electrical	344,492.00
Roofer	1,262,621.00
Carpenter & Joiner	139,356.00
Iron Monger	45,597.20
Brass founder	22,560.00
Painter & Decorator	325,554.00
Maintanance	328,185.00
Form work	74,000.00
<b>Total</b>	<b>3,100,204.40</b>