

ESTIMATE FOR  
**60' X 20' RENOVATION OF THE BUILDING-MR/ALMINA  
MAHA VIDYALAYA**

PRESENTED BY  
District Engineer's (Buildings) office, Matara

Estimate Ref. No: 2466

**60 X 20 RENOVATION OF THE BUILDING-MR/ALMINA MAHA VIDYALAYA**

Item	Description	Amount (LKR)	Total (LKR)
1	Estimated Amount As per Attached B.O.Q	5,454,031.50	
2	VAT 18.00%	981,725.67	6,435,757.17
3	Consultant fees 3.00%	163,620.95	
4	Contingencies 10.00%	545,403.15	
5	Price Escalation 2.00%	109,080.63	818,104.73
<b>TOTAL</b>		<b>(LKR)</b>	<b>7,253,861.90</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)

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**Approved/Recommended**

Divisional Engineer (Buildings)

**Approved/Recommended**

District Engineer (Buildings)  
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District Engineer (Buildings)  
District Engineer (Buildings) Office  
Pamulla, Matara.

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

## 60 X 20 RENOVATION OF THE BUILDING-MR/ALMINA MAHA VIDYALAYA

ID	RS	Description	Unit	Qty.	Rate	Amount
(No Topic Assigned)						
		<b><u>Demolisher</u></b>				
1	Dm32	Unloading , Hoisting & Re-fixing existing Timber Truss.	nr	4.00	10,328.00	41,312.00
2	Dm24	Removing roof tiles and timber of roof completely, stacking serviceable materials and clearing debris in single storied buildings	sq.m	197.00	521.00	102,637.00
3	Dm38	Removing and stacking ,2"x2" GI mesh grill with frame from wall.	sq.m	59.00	577.00	34,043.00
4	Dm36	Removing existing suspended ceiling [Gypsum or Plastic board] and cleaning debris away from site [Reusable materials stacking at site]	sq.m	36.00	51.00	1,836.00
5	Dm08	Demolishing brickwork in cement clearing debris away from site	cu.m	2.00	1,935.00	3,870.00
6	Dm05	Demolishing rubble masonry in cement, stacking rubble and clearing debris away from site	cu.m	1.50	3,845.00	5,767.50
7	Dm15	Removing lime plastering and clearing debris away from site	sq.m	118.00	140.00	16,520.00
8	Dm10	Demolishing floors 3" thick brick paved, stacking reuseable bricks and clearing debris away from site	sq.m	18.00	281.00	5,058.00
		Total carried to summary				211,043.50
		<b><u>Earth Work</u></b>				
9	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	42.50	1,292.00	54,910.00
		Total carried to summary				54,910.00
		<b><u>Brick Work</u></b>				
10	Bk02	Brickwork in cement : sand mortar 1:5 in piers (Ground Floor).	cu.m	2.00	35,401.00	70,802.00
11	Bk01	Brickwork in 225 mm 1:5 cement : sand mortar (Ground Floor).	cu.m	7.50	30,616.00	229,620.00
12	Bk06	Brickwork 112mm in cement : sand mortar 1:5 (Ground Floor)	sq.m	6.00	3,743.00	22,458.00
13	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				335,540.00
		<b><u>Concretor</u></b>				
14	Ct40	Pad stones in cement concrete 1:2:4(3/4" )(Gr.20) precast or in site (size 13 1/2"x13 1/2"x9") (Rate including shuttering & curing)	nr	8.00	1,464.00	11,712.00

ID	RS	Description	Unit	Qty.	Rate	Amount
15	Ct09	Cement concrete 1:2 1/2:5(1") mix: up to 3.0 m3 (Shuttering paid separately) incl: curing	cu.m	2.70	31,071.00	83,891.70
16	Ct35	Cement concrete 1:2:4(3/4") (Gr.20 concrete) (R/F and Shuttering paid separately) incl: curing. Rate to include using mixture & vibrator for concrete pad and lintol	cu.m	1.80	25,333.00	45,599.40
17	Ct29	Ramp & drain for single storied building Corrugated asbestos sheet roof with 900mm eave in front ,back & 900mm eave in gable sides-225mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.( Gable side ramp width 738mm, long side ramp width 663mm (As per detail drawing No SPES/Rate 23/Ct-15)	m	38.50	6,622.00	254,947.00
18	Ct09	Cement concrete 1:2 1/2:5(1") mix: up to 3.0 m3 (Shuttering paid separately) incl: curing for Ramp	cu.m	1.30	31,071.00	40,392.30
19	Ct50	Slabs over drains ,cement concrete 3"(75mm) thick 1:2 :4 (3/4) and 1/2" cement rendering 1:3.(Reinforcement paid separately ) Rate including shuttering & Curing	sq.m	1.50	5,959.00	8,938.50
20	Ct52	Concrete work table with 1:2:4(3/4") con. mixture 3" thick R/F with 10mm dia: tore steel at 150mm c/c bothways including 15mm plywood formwork to achieve the smooth finish of the soffit. for lab	sq.m	3.50	7,631.00	26,708.50
		Total carried to summary				472,189.40
		<b>Reinforcement</b>				
21	Rf02	10/12mmdi. Tor steel for lintel and slab over drain	kg	40.00	476.00	19,040.00
		Total carried to summary				19,040.00
		<b>Plasterer</b>				
22	PI06	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	37.00	1,399.00	51,763.00
23	PI10	Skirting in Cement mortar 1:3, 1/2" X 6" projected or flush to wall finish with floating including forming groove. ( G: floor)	m	12.00	487.00	5,844.00
24	PI01	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing	sq.m	220.00	1,236.00	271,920.00
		Total carried to summary				329,527.00
		<b>Electrical</b>				
25	EI037	Dismantling 01 Nr Lamp point / Socket out let / ceiling fan point - including all wiring , conduits, accessories.etc.	nr	8.00	273.00	2,184.00

ID	RS	Description	Unit	Qty.	Rate	Amount
26	EI003	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire ( 2.5 mm <sup>2</sup> ) x2, 7/0.67 Earth Wire ( 2.5 mm <sup>2</sup> ) ] all complete as per instruction (Socket - ACL/Chint/Krypton/Orange) (Cable - ACL/Kelani/Orange/Sierra) (Conduit - krypton/Polycrome) (fittings - krypton/Polycrome/Orange)	nr	7.00	7,998.00	55,986.00
27	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	7.00	28,964.00	202,748.00
28	EI017	Supply and fixing 01 No. Pendent type lamp(9 W 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	16.00	6,709.00	107,344.00
29	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
30	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 <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
31	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
32	EI057	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
33	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	16.00	1,033.00	16,528.00
		Total carried to summary				434,391.00
		Roofers				

ID	RS	Description	Unit	Qty.	Rate	Amount
34	RO-SSR-37	Corrugated Asbestos sheet supplied to site , (Rate to include wastage & transport, measured to after laying) -	m2	205.00	2,273.00	465,965.00
35	Ro04	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles. (Keep went opening every vally point).	m	21.50	1,441.00	30,981.50
36	Ro36	Supplying of 100 x 50mm rafters Imported timber	m	282.00	1,739.00	490,398.00
37	Ro38	Suppling of 50 x 50 mm Beares - Imported timber	m	215.00	804.00	172,860.00
38	Ro41	Supplying of imported timber for wall plates	cu.m	0.65	439,310.00	285,551.50
39	Ro09	Shifting and re-laying Calicut pattern tiles. Near 90 x 20 Building	sq.m	19.00	123.00	2,337.00
40	Ro33	2"x 1"(50 x 25mm) Imported timber Reapers supplied & fixed new or renewed with iron nails-Near 90 x 20 Building	m	26.50	478.00	12,667.00
		Total carried to summary				1,460,760.00
		<b>Carpenter &amp; Joiner</b>				
41	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	69.50	2,059.00	143,100.50
42	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	19.00	2,626.00	49,894.00
		Total carried to summary				192,994.50
		<b>Iron Monger</b>				
43	Ir23	Supplying, and fabricating 12mm dia. M.S. rods grill, consisting 25 x 6 mm flat iron outer frame, with 2 nr 25 x 6 mm flat iron horizontally weld to equal length of outer frame. 12mm M.S rods, passing through the drilled middle flat iron at 100mm c/c weld vertically to outer frame . Applying one coat of metal primer and two coats of enamel paint( different colour). Frame fixing to opening , using 1 1/2" iron screws and rawl plugs as per the given Draw. No: SPES/Rate23/Ir-23. (1.20x1.80m)	sq.m	68.00	11,137.00	757,316.00

ID	RS	Description	Unit	Qty.	Rate	Amount
44	Ir29	Iron door with 12 mm dia. M.S. bar - Fabricating & fixing Iron door ,Door Frame with 32 x 32 x 5 mm angle Iron(Heavy quality) frame and Sash with 25 x 25 x 1.2 mm thick G.I. box bar, outer frame with one nr. horizontal middle bar. 12mm dia M.S Rods passing through the drilled 25x6mm Flat iron middle bar welded to upper part of the sash frame at 100 mm c/c vertically. 12 x 6 mm thick flat iron welded around the lower part of the door sash and 2 nr. intermediate 20 x 6 mm flat Iron weded horizontally. should be .47mm thk Zn Al sheet fixed to flate iron frame with pop riverts.Door sash fixed to frame with 03 nr.s of 100 x 75 mm steel hinges. Applying one coats of metal primer ( red clour) and two coats of enamel paint Black or different colour.( 3'-0" x 7'-0" size) including Hasp & staple6" with approved quality Brass 2" padlock.	sq.m	4.20	16,183.00	67,968.60
		Total carried to summary				825,284.60
		<b>Painter &amp; Decorator</b>				
45	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	144.00	233.00	33,552.00
46	Pt44	Wethershield paint to external faces of wall 02coat apply using roller brush,2" brush ( ground Floor)	sq.m	144.00	595.00	85,680.00
47	Pt31	Applying skim coat & one coats of wall filler for internal wall. (semfrough plastered new work or after preparation of old wall)	sq.m	256.00	640.00	163,840.00
48	Pt38	Prepare and Painting Walls with 2 coats of Emulsion paint including surface preparation of old wall.	sq.m	256.00	816.00	208,896.00
49	Pt03	Prepare and Painting woodwork with one coats of approved enamel paint.	sq.m	17.50	849.00	14,857.50
50	Pt47	Painting plinth and skirting with floor paint, 1 coat including preparing surface	sq.m	22.00	479.00	10,538.00
		Total carried to summary				517,363.50
		<b>Plumber</b>				
51	Pb82	Eaves gutter (100 mm Square type) P.V.C. with end cap,miter joints,gutter joints,running head - fixed with PVC bracket @ 300 c/c with 3/4" jaguar nails ... etc.("S lon" or equivalent.)	m	48.00	2,207.00	105,936.00
52	Pb05	Supplying and fixing Lab Sink glazed (24"x16"x7"), earthenware with waste plug ... etc. .(Rocell- Xenon)	nr	1.00	41,106.00	41,106.00
53	Pb33	Suppling and fixingPVC 1/2" Swan neck tap, (S-lon/water tec) rate to include 450 mm long flexible hose " S-lon"	nr	1.00	3,732.00	3,732.00
54	Pb46	Supplying and fixing Pipes P. V. C. 1/2" - PNT 14 rate to include socket & joints and also include excavating backfilling or breaking wall or floor upto required depth	m	10.00	615.00	6,150.00
55	Pb50	Supplying and fixing Pipes P. V. C. 1 1/2" - 600 Type PNT 7 rate to include socket & joints and also include excavating backfilling or breaking wall or floor upto required depth	m	4.00	814.00	3,256.00

ID	RS	Description	Unit	Qty.	Rate	Amount
56	Pb83	Down pipe 90mm dia P.V.C., Elbows 90mm fixed with galvanized clip with nut & bolt @ 750 C/C to wall using 1"x 6 / 1"x 8 brass screws	m	32.00	2,379.00	76,128.00
		<i>Total carried to summary</i>				236,308.00
		<b><u>Maintanance</u></b>				
57	Ma15	Door or window, removing, easing and re-fixing,	nr	5.00	1,528.00	7,640.00
58	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	205.00	1,683.00	345,015.00
		<i>Total carried to summary</i>				352,655.00
		<b><u>Form work</u></b>				
59	Fw04	Sawn timber (class II) formwork for sides of concrete pad	sq.m	6.50	1,850.00	12,025.00
		<i>Total carried to summary</i>				12,025.00

**60 X 20 RENOVATION OF THE BUILDING-MR/ALMINA MAHA VIDYALAYA**

Rate Schedule	Amount
(No Topic Assigned)	
Demolisher	211,043.50
Earth Work	54,910.00
Brick Work	335,540.00
Concretor	472,189.40
Reinforcement	19,040.00
Plasterer	329,527.00
Electrical	434,391.00
Roofer	1,460,760.00
Carpenter & Joiner	192,994.50
Iron Monger	825,284.60
Painter & Decorator	517,363.50
Plumber	236,308.00
Maintanance	352,655.00
Form work	12,025.00
<b>Total</b>	<b>5,454,031.50</b>