

**THE ESTIMATE FOR THE PROPOSED NEW BUILDING(REAR PART) FOR
MR.RAJAKEERTHI , INAMALUWA JUNCTION, DAMBULLA.**

<u>NO,S</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>RATE</u>	<u>QTY</u>	<u>VALUE.</u>
<u>EXCAVATOR</u>					
1	Excavation in foundations in normal earth up to depth of 1.5m inclusive of backfilling, compacting and disposal of surplus earth.	m ³	1,750.00	15.50	27,125.00
2	Filling earth and compacting (as approved by Engineer) 150mm layers under floors. Rate includes for transport of 100 m.	m ³	2,100.00	20.00	42,000.00
TOTAL CARRIED TO SUMMARY					<u>69,125.00</u>
<u>CONCRETOR</u>					
3	Mixing and placing in position concrete 1:3:6 (40mm) using a concrete mixer including fuel / operator / handling.	m ³	23,735.00	2.00	47,470.00
4	Mixing and placing in position concrete grade 20, nominal mix 1:2:4 (20mm) using a concrete mixer including fuel / operator / handling.	m ³	33,500.00	16.90	566,150.00
5	Floor concrete 1:2 1/2:5(25mm) 75mm thick, 1:3 normal cement rendering finished smooth with expansion joints filled with 1:2 bitumen and sand. Rate including for curing, compacting ground and laying polythene sheets under the concrete.	m ²	2,500.00	45.00	112,500.00
6	Tor steel reinforcement bend to shape laid in position and tied with G.I. wire as directed.	Kg	490.00	892.00	437,080.00
7	Mild steel reinforcement bend to shape laid in position and tied with G.I. wire as directed.	Kg	590.00	85.00	50,150.00
8	Sawn timber form work in class III timber for concrete beams /slab/ coloumn.	m ²	2,100.00	50.00	105,000.00
TOTAL CARRIED TO SUMMARY					<u>1,318,350.00</u>
<u>MASONARY WORK.</u>					
9	R.R masonry in 1:5 cement and sand motar in foundations.	m ³	18,000.00	28.00	504,000.00
10	Brick work in 1:5 cement sand mortar 150 mm thick in super structure in ground floor/Upper floors	m ²	3,250.00	128.00	416,000.00
TOTAL CARRIED TO SUMMARY					<u>920,000.00</u>

JOINARY WORK

11	Door 28mm thick flush panelled sash single hung with 95mm x 70mm frame, Jack timber, oxidized heavy duty furniture, Union or Yale original mortise lock, 100mm barrel bolts 2 nos etc.rate to included primer under coat & two coats of enamel paint .(3Nos of hingers)	m ²	30,500.00	3.00	91,500.00
12	Window fully glazed 28mm thick sashes and nominal thickness 95mmx70mm frame in treated kempas timber complete with oxidized heavy-duty furniture,3.0mm clear / pinhead glass, including two coats of enamel paint & primer under coat.	m ²	29,500.00	11.90	351,050.00
13	AL roller shutter fixing to working order	m ²	7,200.00	0.00	-
TOTAL CARRIED TO SUMMARY					442,550.00

ROOFER

14	Asbestos sheet roof with Panel slooping ceiling above the rafters in approved class 1 timber frame inclusive of 6"x2" rafters 4"x2" purlin 5"x3" wall plate 4"x3" refers 2"x1" as per plan complete with ridge tiles Laid in cement & lime motar 1:1:5 as directed .	m ²	15100.00	0.00	0.00
15	Down pipes Zn/Al 0.47mm thick 100mm X 100mm with brackets not exceeding 1.2m crs. of the pipe, rate includes for specials.	m	1750.00	0.00	0.00
16	Gutters 0.47mm thick Zn /Al 457mm girth with brackets not exceeding 0.6m crs. rate includes for specials.	m	1600.00	0.00	0.00
17	Valance boards beaded 225mm x 20mm thick supplying and fixing Ginisapu, including one coat of primer and two coats enamel paint (Flat iron bracket measured separately) .	m	1650.00	0.00	0.00
TOTAL CARRIED TO SUMMARY					-

FINISHING WORK

18	16mm thick 1:1:5 cement, lime and sand plastering to walls finished smooth with lime putty.	m ²	980.00	85.00	83,300.00
19	16mm thick cement and sand 1:5 plaster finished semi-rough with wooden float.	m ²	1,475.00	60.00	88,500.00
20	Cement and sand 1:3 plaster finished smooth with lime putty on exposed faces of concrete surfaces and soffits. 10mm thick.	m ²	1,600.00	45.00	72,000.00

21	Floor paved with approved pattern and colour ceramic floor tiles on 1:3 cement mortar, joints filled with tile grout, to match the colour of tiles and cleaning (With Lanka marble floor tile)	m ²	7,200.00	45.00	324,000.00
22	Floor rendered with 1:3 cement and sand normal cemented surface with expansion joints filled with 1:2 bitumen sand. (Rate including for curing)	m ²	1,700.00	0.00	-
23	100mm high tile skirting approved pattern and colour ceramic floor tiles on 1:3 cement mortar, joints filled with tile grout to match the colour of tiles and cleaning	m	950.00	31.00	29,450.00
24	Tiles glazed of approved pattern and colour with all specials supplied and fixed to walls including raking plaster and bedding in cement mortar 1:3, joints finished with tile grout to match colour of tiles and cleaning	m ²	7,200.00	27.50	198,000.00
TOTAL CARRIED TO SUMMARY					795,250.00

PLUMBER.

Note

All Brass taps, Ball valves, Gate valves, Stop valves, etc. Plumber, Peglar or All semi- luxury taps Momali or equivalent.

25	Supplying & fixing 20mm(1/2") dia. bidet spray approved best quality.	No	9,390.00	2.00	18,780.00
26	Approved semi- luxury, "TOTO" or equivalent closet close couple type with double plastic seat cover, 20mm(1/2") angle valve and flexible hose, supplied and fixed to working order.(Rate taken from close couple set)	No	94,266.00	2.00	188,532.00
27	Supplying and fixing approved semi luxury "TOTO" or equivalent wash basin glazed fire clay pedestal type with 20mm(1/2") dia. chromium plated pillar tap, waste water plug, chromium plated waste chain and stay. (Water and waste water connection measured separately. Rate taken from close couple set).	No	70,756.00	2.00	141,512.00
28	Supplied and fixed mirror for bathroom 500mm x 400mm size approved quality with shelf, screws. plus etc.	No	18,000.00	2.00	36,000.00
29	Supplying and fixing 20mm(1/2") dia. approved brass heavy quality chromium plated bib tap with 20mm(1/2") dia. P.V.C. valve faucet socket.	No	12,500.00	2.00	25,000.00
30	Supplying and fixing 20mm(1/2") dia. approved shower rose chromium plated best quality Indian or equalant.	No	5,800.00	2.00	11,600.00
31	Pipes PVC type 600 supplied and laid with specials, size 40mm dia. in waste of wash basins.	m	380.00	40.00	15,200.00

32	Pipes PVC supplied and laid with specials, size 20mm dia. type 1000 rate includes for cutting trenches, testing and back filling. Depth of the trench not less than 450mm.	m	265.00	50.00	13,250.00
33	Pipes PVC supplied and laid with specials, size 32mm dia. (Type 1000) rate includes for cutting trenches, testing and backfilling, depth of the trench not less than 450mm.	m	490.00	35.00	17,150.00
					<u>467,024.00</u>

TOTAL CARRIED TO SUMMARY

DRAINAGE SYSTEMS

34	Type 400 pvc 160mm for sewer line supplied and laid in medium soil, joints embedded in 1:3:6(40mm) concrete including necessary excavation, back filling, and compaction invert depth up to 600mm.	m	2,155.00	15.00	32,325.00
35	Manhole 600mm x 600mm x 600mm internally complete with cement concrete 1:2:4(25mm) in 75mm thick base, on top of brick walls channelling and bending, walls 225mm brick, 1:3 cement rendered 75mm thick RC. cover slab r/f 10mm tor steel @ 150mm c/c. both ways, complete with lifting handles.	No	9,835.00	2.00	19,670.00
36	Construction of 1.2m diameter internal fully built type soakage pit, built up 225mm thick brick work in 1:8 cement ,sand mortar invert depth from ground level 3.0m,on 225mm x 150mm ring beam 1:2:4(20mm) concrete mix, including 1:3 cement,sand plaster finished smooth with neat gray cement (0.9m invert depth only) & 100mm high 1:2:4(20mm) concrete ring pad above ground level, complete with 75mm thick RCC cover slab with lifting handle.All as per detail drawing.	No	52,000.00	1.00	52,000.00
37	Construction of septic tank for 25 persons invert depth up to 2250mm complete as per type plan	No	85,000.00	1.00	85,000.00
					<u>188,995.00</u>

TOTAL CARRIED TO SUMMARY

ELECTRICAL INSTALLATION

Note - **All Isolators, M.C.Bs ,R.C.C.Bs, E.L.C.Bs are Orange Sigma / Havells or equivalent.**

38	Ceiling fan point wiring complete with fan hook - to be carried out with 2 x 1.0 mm ² pvc insulated pvc sheathed copper cables and 2.5mm ² earth cable terminated in a terminal ceiling rose and sunk switch wired in concealed conduit in wall and above ceiling to be supplied and installed in working order.	No	19,500.00	2.00	39,000.00
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39	13 .A.M.P. socket outlet - wiring to be carried out with 2 x 2.50 mm ² pvc insulated pvc sheathed copper cables and 2.5mm ² earth cable terminated in a terminal wired in concealed conduit in wall and above ceiling to be supplied and installed in working order	No	10,500.00	6.00	63,000.00
40	Supplying and fixing 10 way SP x N distribution board complete with 40 AMP 2P isolator , 40A DP R.C.C.B (30mA), 08 Nos single pole M.C.B s.(Using conduit)	No	60,000.00	1.00	60,000.00
41	Supply and fixing pendant lamp c/w 200mm dia. glass globe and 15W CFL bulb to working order.	No	6,700.00	14.00	93,800.00
42	Supplying and installation of 24000 B T U air condition.(complete with wiring) to working order.	No	353,000.00	2.00	706,000.00
TOTAL CARRIED TO SUMMARY					<u>961,800.00</u>

THE ESTIMATE FOR THE PROPOSED NEW BUILDING(REAR PART) FOR MR.RAJAKEERTHI,INAMALUWA JUNCTION,DAMBULLA.

SUMMARY

1	EXCAVATOR	69,125.00
2	CONCRETER	1,318,350.00
3	MASONARY WORK	920,000.00
4	JOINARY WORK.	442,550.00
5	ROOF WORK.	-
6	FINISHING WORK	795,250.00
7	PLUMBER.	467,024.00
8	DRAINAGE SYSTEMS	188,995.00
9	ELECTRICAL INSTALLATION	961,800.00

TOTAL		<u>5,163,094.00</u>
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COST OF BLD	=	5,163,094.00
TOTAL SQFT	=	510
PER 1 SQFT	=	<u>10,123.71</u>