

**BILL OF QUANTITIES FOR PROPOSED DIOCESAN OFFICE AND COMMERCIAL COMPLEX
FOR KURUNEGALA DIOCESE. AT NO.31 , KANDY ROAD , KURUNEGALA.**

Item	Description	Unit	Quantity	Rate	Amount
GROUND FLOOR					
1.00	<u>EXCAVATION & EARTH WORK</u>				
	<u>Site level preparation</u>				
1.01	Clearing site including removal of top soil up to depth of 300 mm including grabbing up roots, bushes and tress not exceeding 450mm girth, filling voids, with selected material and compacting and disposal of all surplus excavated material away from the site as directed.	sqrs	21.00	1,500.00	31,500.00
1.02	Pit and trench excavation in any material met with except rock requiring blasting. Rate shall include for compacting & level ling bottom of excavation in the following. column foundation & wall foundations excavation	cube	24.00	2,200.00	52,800.00
	<u>Earth back filing</u>				
1.03	selected imported hard earth for filling well compacted in layers to the floors.	cube	21.00	2,500.00	52,500.00
	TOTAL FOR EXCAVATION & EARTH WORK				
2.00	<u>CONCRETE WORK</u>				
	Ordinary cement concrete (1: 3: 6 20mm aggregate) grade 15 filled in to form work				
2.01	75 mm screed concrete for column foundation	cube	1.00	25,000.00	25,000.00
2.02	100 mm floor concrete	cube	7.00	25,000.00	175,000.00
	Reinforced, ordinary concrete (1: 2: 4 20mm aggregate) Grade 20 filled in to form work				
2.03	concreting column base	cube	5.00	33,000.00	165,000.00
2.04	concreting column shaft up to DPC	cube	0.96	33,000.00	31,680.00
2.05	concreting plinth beam	cube	2.52	33,000.00	83,160.00
2.06	Concreting column shaft above DPC up to ground floor slab	cube	0.90	33,000.00	29,700.00
2.07	Concreting first floor slab beam	cube	3.80	33,000.00	125,400.00
2.08	Concreting first floor slab 5"	cube	8.30	33,000.00	273,900.00
2.09	Concreting stair case from ground floor to first floor	cube	1.82	33,000.00	60,060.00
2.10	Concreting lintels (9" x 6")	Lft	180.00	1,250.00	225,000.00

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Item	Description	Unit	Quantity	Rate	Amount
3.00	<u>FORM WORK</u>				
3.01	Formwork column base	sqrs	3.20	12,000.00	38,400.00
3.02	Formwork column shaft up to DPC	sqrs	3.84	12,000.00	46,080.00
3.03	Formwork plinth beam	sqrs	6.70	12,000.00	80,400.00
3.04	Formwork column shaft above DPC up to ground floor slab	sqrs	4.80	12,000.00	57,600.00
3.05	Form work ground floor slab beam	sqrs	9.20	12,000.00	110,400.00
3.06	Form work to saide & soffit of ground floor slab	sqrs	21.00	12,000.00	252,000.00
3.07	Form work to stair case from ground floor to first floor .	sqrs	3.54	12,000.00	42,480.00
4.00	<u>RAINFORCEMENT</u>				
4.01	Reinforcement for column base Y12 mm including bending and fixing	kgs	900	175.00	157,500.00
4.02	R/F for ground floor plinth beam Y 16 mm including bending and fixing	kgs	770	175.00	134,750.00
4.03	Reinforcement column shaft up to dpc 16 mm including bending and fixing	Y kgs	340	175.00	59,500.00
4.04	R/F for column shaft above DPC up to G/F Y 16 mm including bending and fixing	kgs	485	175.00	84,875.00
4.05	R/F for ground floor slab beam Y 16 mm & 20 mm including bending and fixing	kgs	990	175.00	173,250.00
4.06	R/F fro first floor slab 5" th Y 10mm including bending and fixing	kgs	2,400	175.00	420,000.00
4.07	R/F for staircase Y10 mm including bending and fixing	kgs	460	175.00	80,500.00
4.08	R6 mm for col up to DPC	kgs	60	160.00	9,600.00
4.09	R6 mm for col above DPC up to 1st floor	kgs	100	160.00	16,000.00
4.10	R6 mm for beam at GF slab	kgs	800	160.00	128,000.00
5.00	<u>RUBBLE MASONRY</u>				
5.01	Random rubble masonry work with 1:5 cement sand	cube	7.00	15,000.00	105,000.00
6.00	<u>BRICK WORK</u>				
6.01	9"th brick work in 1:5 cement sand motar at ground level	sqrs	19.00	20,000.00	380,000.00
6.02	4 1/2" th brick work in 1:5 cement sand motar	sqrs	3.50	15,000.00	52,500.00

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Item	Description	Unit	Quantity	Rate	Amount
7.00	<u>PLASTERING</u>				
7.01	16mm thick external plaster with 1:1:5 cement lime and sand motar finished semi rough finish	sqrs	15.20	6,500.00	98,800.00
7.02	16mm thick internal plaster with 1:1:5 cement lime and sand motar finished smooth finish	sqrs	20.80	7,000.00	145,600.00
7.03	16mm thick soffit plaster with 1:1:5 cement lime and sand motar finished semirough with wodden float to soffit of slab	sqrs	21.00	7,000.00	147,000.00
7.04	Ditto - do - in soffit plastering to staircase	sqrs	7.20	7,000.00	50,400.00
8.00	<u>PAVIOR</u>				
8.01	300x300 homogeneous ceramic tiling 20mm thick 1:3 cement sand mix bedding and joints pointed natch tiling and consultant approval. (rate shall include for 100 mm skirting) (including stair way)	sqrs	21.00	15,000.00	315,000.00
9.00	<u>DOORS & WINDOWS</u>				
9.01	Supplying and fixing bronzed anodized aluminum framed 100 mm heavy duty floor hinged double door with fixed panel above with 5 mm glass pane or 2/3mm P.V.C. coated plywood board bronze anodized stainless steel fittings and other accessories to manufacturer's details and to the engineer's approval.	Sq.ft.	550.00	1,500.00	825,000.00
9.02	Supplying and fixing bronzed anodized aluminum framed 60 mm casement glazed window with 5 mm glass pane and bronze anodized stainless steel fittings and other accessories to manufacturer's details and to the engineer's approval.	Sq.ft.	125.00	1,100.00	137,500.00
9.03	Supplying and fixing PVC door with "Union" mortise lock (British Standard) and 76 mm bronzed anodized aluminum framed with all accessories to the manufacturer's detail and to the Engineer's approval	Sq.ft.	35.00	950.00	33,250.00
10.00	<u>PAINTING</u>				
10.01	Painting walls with one coats of alkali resistant primer and two coats of emulsion paint.	Sqr.	20.80	1,421.00	29,556.80
10.02	Painting walls with two coats of weathershield emulsion paint.	Sqr.	15.20	2,577.00	39,170.40

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Item	Description	Unit	Quantity	Rate	Amount
11.00	<u>ELECTRICAL INSTALATION</u>				
11.01	Wiring of final circuits and sub circuits through concealed PVC conduits or/ and PVC casings of necessary size wherever applicable from relevant DB as per the specifications given including the cost of cables, conduits, pvc casing and other necessary accessories such as connectors, holders, nut and bolts, ceiling roses, switches, socket outlets etc.	P.S.		300,000.00	300,000.00
12.00	<u>PLUMBING INSTALATION</u>				
12.01	Plumbing installation including supply and fixing water tank	P.S.		50,000.00	50,000.00
12.02	Sanitary fittings	P.S.		150,000.00	150,000.00
<u>TOTAL AMOUNT FOR GROUND FLOOR</u>					<i>6,080,812.20</i>

TOTAL AMOUNT FOR GROUND FLOOR

6,080,812.20

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Item	Description	Unit	Quantity	Rate	Amount
	<u>FIRST FLOOR</u>				
13.00	<u>CONCRETE WORK</u>				
13.01	Concreting column shaft from ground floor slab to first floor	cube	0.90	35,000.00	31,500.00
13.02	Concreting first floor slab beam	cube	3.80	35,000.00	133,000.00
13.03	Concreting first floor slab 5"	cube	8.30	35,000.00	290,500.00
13.04	Concreting stair case from first floor to second floor	cube	1.82	35,000.00	63,700.00
14.00	<u>FORM WORK</u>				
14.01	Form work column shaft above ground floor to first floor slab	sqrs	4.80	13,000.00	62,400.00
14.02	Form work first floor slab beam	sqrs	9.20	13,000.00	119,600.00
14.03	Form work to first floor slab	sqrs	21.00	13,000.00	273,000.00
14.04	Form work to stair case from first floor to second floor	sqrs	3.54	13,000.00	46,020.00
15.00	<u>RAINFORCEMENT</u>				
15.01	R/F for column shaft above first floor to s/f Y 16 mm including bending and fixing	kgs	485.00	190.00	92,150.00
15.02	R/F for second floor slab beam Y 16 mm	kgs	990	190.00	188,100.00
15.03	R/F for second slab 5" th Y 10mm	kgs	2,400	190.00	456,000.00
15.04	R/F for staircase Y10 mm	kgs	460	190.00	87,400.00
15.05	R6 mm for col above 1st floor to second floor	kgs	60	180.00	10,800.00
15.06	R6 mm for beam at SF slab	kgs	100	180.00	18,000.00
16.00	<u>BRICK WORK</u>	kgs	800	180.00	144,000.00
16.01	9"th brick work in 1:5 cement sand motar	sqrs	19.00	23,000.00	437,000.00
16.02	4 1/2" th brick work in 1:5 cement sand motar	sqrs	5.00	17,000.00	85,000.00
17.00	<u>PLASTERING</u>				
17.01	16mm thick external plaster with 1:1:5 cement lime and sand motar finished semi rough finish	sqrs	19.00	7,000.00	133,000.00
17.02	16mm thick internal plaster with 1:1:5 cement lime and sand motar finished semi smooth finish	sqrs	29.00	7,500.00	217,500.00

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Item	Description	Unit	Quantity	Rate	Amount
18.00	<u>PAVIOR</u>				
18.01	300x300 homogeneous ceramic tiling 20mm thick 1:3 cement sand mix bedding and joints pointed natch tiling and consultant approval. (rate shall include for 100 mm skirting) (including stair way)	sqrs	20.00	15,000.00	300,000.00
19.00	<u>DOORS & WINDOWS</u>				
19.01	Supplying and fixing bronzed anodized aluminum framed 100 mm heavy duty floor hinged double door with fixed panel above with 5 mm glass pane or 2/3mm P.V.C. coated plywood board bronze anodized stainless steel fittings and other accessories to manufacturer's details and to the engineer's approval.	Sq.ft.	500.00	1,500.00	750,000.00
19.02	Supplying and fixing bronzed anodized aluminum framed 60 mm casement glazed window with 5 mm glass pane and bronze anodized stainless steel fittings and other accessories to manufacturer's details and to the engineer's approval.	Sq.ft.	165.00	1,100.00	181,500.00
19.03	Supplying and fixing PVC door with "Union" mortise lock (British Standard) and 76 mm bronzed anodized aluminum framed with all accessories to the manufacturer's detail and to the Engineer's approval	Sq.ft.	35.00	950.00	33,250.00
20.00	<u>PAINTING</u>				
20.01	Painting walls with one coats of alkali resistant primer and two coats of emulsion paint.	Sqr.	20.00	1,500.00	30,000.00
20.02	Painting walls with two coats of weathershield emulsion paint.	Sqr.	15.20	2,800.00	42,560.00

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Item	Description	Unit	Quantity	Rate	Amount
21.00	<u>ELECTRICAL INSTALATION</u>				
21.01	Wiring of final circuits and sub circuits through concealed PVC conduits or/ and PVC casings of necessary size wherever applicable from relevant DB as per the specifications given including the cost of cables, conduits, pvc casing and other necessary accessories such as connectors, holders, nut and bolts, ceiling roses, switches, socket outlets etc.	P.S.		150,000.00	150,000.00
22.00	<u>PLUMBING INSTALATION</u>				
22.01	Plumbing installation including supply and fixing water tank	P.S.		50,000.00	50,000.00
22.02	Sanitary fittings	P.S.		150,000.00	150,000.00
<u>TOTAL ESTIMATE FOR FIRST FLOOR</u>					4,575,980.00

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Item	Description	Unit	Quantity	Rate	Amount
	<u>SECOND FLOOR</u>				
23.00	<u>CONCRETE WORK</u>				
23.01	Concreting column shaft from second floor slab to roof.	cube	0.90	37,000.00	33,300.00
24.00	<u>FORM WORK</u>				
24.01	Form work column shaft above second floor to roof	sqrs	4.80	13,500.00	64,800.00
25.00	<u>RAINFORCEMENT</u>				
25.01	R/F for column shaft above second floor to roof Y 16	kgs	485.00	225.00	109,125.00
25.02	R6 mm for col above second floor to roof.	kgs	100.00	210.00	21,000.00
26.00	<u>BRICK WORK</u>				
26.01	9"th brick work in 1:5 cement sand motar at second floor level	sqrs	19.00	25,500.00	484,500.00
26.02	4 1/2" th brick work in 1:5 cement sand motar	sqrs	20.00	18,500.00	370,000.00
27.00	<u>PLASTERING</u>				
27.01	16mm thick external plaster with 1:1:5 cement lime and sand motar finished semi rough finish	sqrs	19.00	7,000.00	133,000.00
27.02	16mm thick internal plaster with 1:1:5 cement lime and sand motar finished semi smooth finish	sqrs	59.00	7,500.00	442,500.00
28.00	<u>PAVIOR</u>				
28.01	300x300 homogeneous ceramic tiling 20mm thick 1:3 cement sand mix bedding and joints pointed natch tiling and consultant approval. (rate shall include for 100 mm skirting) (including stair way)	sqrs	20.00	15,000.00	300,000.00

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Item	Description	Unit	Quantity	Rate	Amount
29.00	<u>DOORS & WINDOWS</u>				
29.01	Supplying and fixing bronzed anodized aluminum framed 100 mm heavy duty floor hinged double door with fixed panel above with 5 mm glass pane or 2/3mm P.V.C. coated plywood board bronze anodized stainless steel fittings and other accessories to manufacturer's details and to the engineer's approval.	Sq.ft.	450.00	1,500.00	675,000.00
29.02	Supplying and fixing bronzed anodized aluminum framed 60 mm casement glazed window with 5 mm glass pane and bronze anodized stainless steel fittings and other accessories to manufacturer's details and to the engineer's approval.	Sq.ft.	425.00	1,100.00	467,500.00
29.03	Supplying and fixing PVC door with "Union" mortise lock (British Standard) and 76 mm bronzed anodized aluminum framed with all accessories to the manufacturer's detail and to the Engineer's approval	Sq.ft.	35.00	950.00	33,250.00
30.00	<u>ROOFING</u>				
30.01	Timber framework for corrugated asbestos roof consists of 100x50 mm rafters at 750 mm c/c, 150x75 mm purlins, 150x50 mm rigde plates, 50x50 mm runners at maximum spacing of 1200 mm, all members to be treated with two coats of clear wood presevative-Jak, Milla, Halmilla(beams & posts paid seperatly)	Sqr.	28.00	20,000.00	560,000.00
30.02	220x20 mm valance and barge boards fixed to end / side of angle iron purlin with 25x6mm thick MS flats at 500 mm c/c spacing including primer undercoat and two coats of enamel paint for timber and two coats of anti corrosive and one coat of enamel paint for MS flats (Approved Imported timber)	L.ft	220.00	375.00	82,500.00
31.00	<u>PLUMBING</u>				
31.01	Plumbing installation including supply and fixing water tank	P.S.		250,000.00	250,000.00
31.02	Construction of 2 Nos wash rooms including all nessary fittings	Nos.	2.00	350,000.00	700,000.00

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Item	Description	Unit	Quantity	Rate	Amount
32.00	<u>ROOF PLUMBING</u>				
32.01	Square type PVC eaves gutter colour fixed to timber valance board including all specials and brackets fixed at 300 mm c/c.	L.ft	210.00	300.00	63,000.00
32.02	90 mm dia PVC rain water down Pipes colour fixed with wooden plug baried in walls with PVC brackets at maximum spacing of 1000 mm c/c with all specials	L.ft	200.00	250.00	50,000.00
33.00	<u>ELECTRICAL INSTALATION</u>				
33.01	Wiring of final circuits and sub circuits through concealed PVC conduits or/ and PVC casings of necessary size wherever applicable from relevant DB as per the specifications given bellow including the cost of cables, conduits, pvc casing and other necessary accessories such as connectors, holders, nut and bolts, ceiling roses, switches, socket outlets etc.	P.S.		150,000.00	150,000.00
34.00	<u>PAINING</u>				
34.01	Painting walls with one coats of alkali resistant primer and two coats of emulsion paint.	Sqr.	59.00	1,500.00	88,500.00
34.02	Painting walls with two coats of weathershield emulsion paint.	Sqr.	19.00	2,800.00	53,200.00
TOTAL AMOUNT FOR SECOND FLOOR					5,131,175.00

TOTAL ESTIMATE FOR PROPOSED DIOCESAN OFFICE AND COMPLEX FOR KURUNEGALA DIOCESE AT NO.31 , KANDY ROAD , KURUNEGALA. (LKR) 15,787,967.20

Prepared by : S.L.M.D.D.A. SAMARATUNGA
Design Engineer (B.Sc.Eng ,C.Eng., MIE(SL))

DIOCESAN OFFICE COMPLEX FOR KUR

MAIN Area	FAMILY	KITCH		
6300	2300	1550	10150	
5200	2300	1550	9050	
			19200	
base 21			57,600,000.00	
				office building with two apartments
	2000			for church of England, kuruneala
136,800.00				
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