

PROPOSED INSTITUTIONAL DEVELOPMENT

FOR

FAMILY ALTER PROPHETIC MINISTRIES INTERNATIONAL ON
PLOT 2, BUGUNDA CLOSE, FORT PORTAL CITY

BILL OF QUANTITIES

PREPARED BY
DAISY AKALLAH KAZOوبا

October 2025.

No.	Description	Unit	Qty	Total Labour & Eqpt Amount USD	Materials Total USD	TOTAL USD
	<u>MAIN SUMMARY</u>					
1.00	Main Building			22,402	88,732	111,134
2.00	Mechanical and Electrical Installations					14,794
3.00	External Works			2,454	12,299	14,753
	SUBTOTAL 1			24,856	101,031	140,681
	ADD 5% Preliminaries(water, power, scaffolding, transport of materials etc)	%				7,034
	SUBTOTAL 2					147,715
	ADD 5% Contigencies	%				7,386
	GRAND TOTAL					155,101

No.	Description	Unit	Qty	Total Labour & Eqpt Amount USD	Materials Total USD	TOTAL USD
	<u>MAIN BUILDING SUMMARY</u>					
1.00	SUBSTRUCTURE			4,365	14,442	18,807
2.00	REINFORCED CONCRETE STRUCTURE			4,361	23,351	27,711
3.00	WALLING			1,920	10,045	11,965
4.00	ROOF			2,136	6,970	9,106
5.00	WINDOWS			979	9,485	10,464
6.00	DOORS			586	5,773	6,358
7.00	PLASTER			4,624	6,052	10,677
8.00	PAINTING			1,755	3,619	5,374
9.00	FLOOR FINISHES			997	8,146	9,143
10.00	STONE CLADDING			678	849	1,528
	TOTAL CARRIED TO MAIN SUMMARY			22,402	88,732	111,134

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	BILL NO. 1:									
	ELEMENT NO.1: SUBSTRUCTURE (ALL PROVISIONAL)									
1.00	Clear site of all trees, bushes, shrubs and under growth including grubbing up roots and removing away from site	SM	518	0.87	450.43	Labour item				
2.00	Excavate foundation trench not exceeding 1.5 m deep commencing at reduced level	C.M	93	1.74	161.74	Labour item				
3.00	Excavate foundation pads not exceeding 1.5 m deep commencing at reduced level	C.M	74	1.74	128.70	Labour item				
4.00	Allow for excavation in rock or other abnormally hard material at the descretion of the Engineer	C.M	5	14.49	72.46	Labour item				
	Disposal of excavated material									
5.00	Remove surplus spoil from site	C.M	44	4.35	191.30	Labour item				
6.00	Backfill and compact excavated material to sides of foundations	C.M	128	2.32	296.81	Labour item				
7.00	Approved marrum fill to make up levels; well rolled and compacted in layers NE 250mm th and to Not less than 150mm th , all to 95% MDD to Engineer's approval	C.M	30	2.32	70.03	Labour item				
	Planking and strutting									
8.00	Allow for Planking and strutting to sides of excavations; keep all excavations free from all fallen materials	Item	1	72.46	72.46	Labour item				
	Disposal of water									
9.00	Keep all excavations free from water from any source	Item	1	72.46	72.46	Labour item				
	Hardcore filling									
10.00	Approved hardcore filling 150mm thick compacted and consolidated on well compacted approved ground	CM	151	1.74	262.61	Hardcore	Trips	12	63.77	765.22
11.00	50mm Thick sand blinding on top of hardcore	S.M	151	0.29	43.77	Sand	Trips	3	14.49	36.47
12.00	Approved anti-termite treatment applied according to Manufacture's Instructions	S.M	668	0.14	96.81	Termidor	Tin	3	43.48	116.17
	Carried to collection				1,919.59					917.86

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	Sawn formwork to									
13.00	Edges/ Sides of slab	LM	65	0.87	56.52	Kirundu	pcs	274	2.90	794.20
14.00	Sides of columns	S.M	36	2.32	83.48	timber 4x2	pcs	122	2.03	247.54
15.00	Sides of ground beams	S.M	88	2.32	204.06	Props	pcs	95	1.45	137.68
						Nails (assorted)	kg	69	1.45	100.00
	Mass concrete class 15 mechanically vibrated in									
16.00	50mmth Pad Blinding	SM	50	0.65	32.61	Cement	Bags	160	8.70	1,391.30
17.00	Strip footing	CM	12	13.04	156.52	Sand	Tons	27	14.49	391.30
18.00	Ditto; 150mm thick slab	SM	180	1.96	352.17	Aggregates	Tons	54	17.39	939.13
	Concrete class 20 mechanically vibrated in									
19.00	Columns bases	CM	20	13.04	260.87	Cement	Bags	224	8.70	1,947.83
20.00	Columns	CM	3	13.04	39.13	Sand	Tons	20	14.49	289.86
21.00	Ground beams	CM	9	13.04	117.39	Aggregates	Tons	37	17.39	643.48
	<u>High tensile ribbed, bar reinforcement to BS 4461 abd in column bases</u>									
22.00	T12	KG	705	0.20	143.04	T12	Pcs	74	11.01	815.07
						Binding wire	Rolls	1	33.33	33.33
	<u>High tensile ribbed, bar reinforcement to BS 4461 abd in columns</u>									
23.00	T16	KG	626	0.20	127.01	T16	Pcs	37	19.71	729.28
24.00	R8	KG	117	0.20	23.74	T8	Pcs	28	5.51	154.20
						Binding wire	Rolls	1	33.33	33.33
	<u>High tensile ribbed, bar reinforcement to BS 4461 abd in ground beams</u>									
25.00	T16	KG	1013	0.20	205.54	T16	Pcs	60	19.71	1,182.61
26.00	R8	KG	320	0.20	64.93	R8	Pcs	75	5.51	413.04
						Binding wire	Rolls	3	33.33	100.00
	STEEL FABRIC REINFORCEMENT TO BS 4483 AS DESCRIBED									
27.00	A142 Fabric mesh reinforcement weighing 2.22Kg Per square meter fixed in slab	S.M	180	0.58	104.35	BRC A142	Rolls	2	318.84	637.68
	Carried to collection				1,971.36					10,980.87

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
28.00	Walling Burnt clay brick walling from approved source in cement: sand (1:3) mortar	SM	182	2.32	422.03	Burnt clay bricks	Pcs	12813	0.07	928.84
	Cement					Bags	67	8.70	582.61	
	Sand					Tons	28	14.49	405.80	
	Hoop iron					Rolls	36	14.49	521.74	
29.00	Sundries 1000 Gauge polythene damp proof membrane double lock, welted and taped joints	S.M	180	0.29	52.17	DPM	Roll)	3	34.78	104.35
	Carried to collection				474.20					2,542.97
	COLLECTION									
	Total B/F from page 1				1,919.59					917.86
	Total B/F from page 2				1,971.36					10,980.87
	Total B/F from page 3				474.20					2,542.97
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				4,365.16					14,441.71

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	ELEMENT NO.2									
	REINFORCED CONCRETE SUPERSTRUCTURE									
	Ground floor									
	Vibrated reinforced concrete class 20									
1.00	Columns	CM	7	13.04	91.30	Cement	Bags	297	8.70	2,582.61
2.00	Beams	CM	14	13.04	182.61	Sand	Tons	26	14.49	376.81
3.00	150mmth solid slab	SM	16	1.96	31.30	Aggregates	Tons	50	17.39	869.57
4.00	Staircase	CM	5	13.04	65.22					
	200mm thick grade C25 mix ratio 1:2:4 Insitu reinforced maxpan slab comprising of 300x300x150mm maxpans, 200mm wide x 150mm high concrete ribs, and 50mm thick concrete topping reinforced with A142 BRC mesh all to engineers detail and specification to:									
5.00		SM	127	3.48	441.74	Max pan	Pcs	1118	1.42	1,587.88
	High tensile ribbed, bar reinforcement to BS 4461 abd in columns					BRC A142	Rolls	1	318.84	318.84
6.00	T16	KG	1251	0.20	253.83	T16	Pcs	73	19.71	1,440.28
7.00	T8	KG	313	0.20	63.51	T8	Pcs	73	5.51	402.24
	High tensile ribbed, bar reinforcement to BS 4461 abd in Beams					Binding wire	Rolls	3	33.33	100.00
8.00	T16	KG	1431	0.20	290.35	T16	Pcs	84	19.71	1,647.52
9.00	T8	KG	395	0.20	80.14	T8	Pcs	92	5.51	507.62
	High tensile ribbed, bar reinforcement to BS 4461 abd in suspended solid slab and staircase					Binding wire	Rolls	4	33.33	133.33
10.00	T12	KG	1557	0.20	315.91	T12	Pcs	162	11.01	1,780.12
11.00	T10	KG	245	0.20	49.71	T10	Pcs	36	7.54	274.50
						Binding wire	Rolls	3	33.33	100.00
	Carried to collection				1,865.62					12,121.33

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	FORMWORK TO:-									
12.00	Sides of columns	S.M	109	2.32	252.75	Kirundu timber	pcs	892	2.90	2,585.51
13.00	Sides and soffits of beams	S.M	157	2.32	364.06	timber 4x2	pcs	396	2.03	803.48
14.00	Soffits of suspended slab	S.M	143	2.32	331.59	Props	pcs	309	1.45	447.83
15.00	Soffittes of suspended landing	S.M	7	2.32	16.23	Nails (assorted)	kg	223	1.45	323.19
16.00	Sloping soffittes of staircase	S.M	14	2.32	32.46					
17.00	Risers of steps 75 to 150mm high	L.M	40	0.87	34.78					
18.00	Edges of landing 75 - 150mm high	L.M	10	0.87	8.70					
19.00	Open string edge of staircase 350mm (extreme) including cutting to profile of treads and risers	L.M	23	0.87	20.00					
	Balustrade									
	990mm high Mild steel balustrading comprising; 25 x 6mm mild steel plate balusters welded to mild steel bracket and grouted into concrete; 12mm diameter mild steel solid intermediate rails ; 75mm diameter x 3mm thick mild steel handrail fixed to balusters; Mild steel base plate welded to support bracket; welded, bolted and screwed connections: INCLUDING SPRAY PAINTING; to Architect's detailed Drawing	LM	14	Supply and fix			LM	14	57.97	811.59
	Carried to collection				1,060.58					4,971.59
	COLLECTION									
	Total B/F from page 4				1,865.62					12,121.33
	Total B/F from page 5				1,060.58					4,971.59
	TOTAL CARRIED TO REINFORCED CONCRETE STRUCTURE COLLECTION				2,926.20					17,092.92

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	<u>First floor</u>									
	<u>Vibrated reinforced concrete class 20</u>									
1.00	Columns	CM	6	13.04	78.26	Cement	Bags	124	8.70	1,078.26
2.00	Beams	CM	2	13.04	26.09	Sand	Tons	11	14.49	159.42
3.00	Ring beams	CM	7	13.04	91.30	Aggregates	Tons	21	17.39	365.22
4.00	150mmth solid slab	SM	18	1.96	35.22					
	<u>High tensile ribbed, bar reinforcement abd in columns</u>									
5.00	T16	KG	863	0.20	175.10	T16	Pcs	50	19.71	993.58
6.00	T8	KG	337	0.20	68.38	T8	Pcs	79	5.51	433.09
						Binding wire	Rolls	2	33.33	66.67
	<u>High tensile ribbed, bar reinforcement abd in ring beam and beams</u>									
7.00	T16	KG	1545	0.20	313.48	T16	Pcs	90	19.71	1,778.77
8.00	T8	KG	393	0.20	79.74	T8	Pcs	92	5.51	505.05
						Binding wire	Rolls	4	33.33	133.33
	<u>High tensile ribbed, bar reinforcement abd in suspended solid slab</u>									
9.00	T12	KG	337	0.20	68.38	T12	Pcs	50	11.01	554.52
						Binding wire	Rolls	1	33.33	33.33
	<u>FORMWORK TO:-</u>									
10.00	Sides of columns	S.M	87	2.32	201.74	Kirundu timber	pcs		2.90	
11.00	Sides and soffits of beams and ring beam	S.M	110	2.32	255.07	timber 4x2	pcs		2.03	
12.00	Soffits of solid slab	S.M	18	2.32	41.74	Props	pcs		1.45	
						Nails (assorted)	kg	108	1.45	156.52
	TOTAL CARRIED TO REINFORCED CONCRETE STRUCTURE COLLECTION				1,434.49					6,257.76

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	REINFORCED CONCRETE STRUCTURE COLLECTION									
	Ground floor				2,926.20					17,092.92
	First Floor				1,434.49					6,257.76
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				4,360.70					23,350.68

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	ELEMENT NO.3									
	WALLING									
	Ground floor									
	Damp proof courses : bituminous felt bedded in cement sand mortar (1:4), 300mm laps									
1.00	Horizontal 200mm wide	L.M	83	0.14	12.03	DPC	Rolls	4	3.48	13.91
2.00	Horizontal 150mm wide	L.M	12	0.14	1.74					
	Burnt clay walling from approved source in cement: sand (1:4) mortar									
3.00	200mm Walls	S.M	251	2.32	582.03	Burnt clay bricks	Pcs	17670	0.07	1,280.43
						Cement	Bags	93	8.70	808.70
						Sand	Tons	38	14.49	550.72
						Hoop iron	Bdles	50	14.49	724.64
4.00	150mm Walls	S.M	250	2.32	579.71	Burnt clay bricks	Pcs	9625	0.07	697.46
						Cement	Bags	74	8.70	643.48
						Sand	Tons	31	14.49	449.28
						Hoop iron	Bdles	50	14.49	724.64
	TOTAL CARRIED TO WALLING COLLECTION				1,175.51					5,893.26

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	<u>First floor</u>									
	<u>Damp proof courses : bituminous felt bedded in cement sand mortar (1:4), 300mm laps</u>									
1.00	Horizontal 200mm wide	L.M		0.14		DPC	Rolls		3.48	
2.00	Horizontal 150mm wide	L.M		0.14						
	<u>Burnt clay walling from approved source in cement: sand (1:4) mortar</u>									
3.00	200mm Walls	S.M	274	2.32	635.36	Burnt clay bricks	Pcs	19290	0.07	1,397.83
						Cement	Bags	101	8.70	878.26
						Sand	Tons	42	14.49	608.70
						Hoop iron	Bdles	55	14.49	797.10
4.00	150mm Walls	S.M	47	2.32	108.99	Burnt clay bricks	Pcs	1810	0.07	131.16
						Cement	Bags	14	8.70	121.74
						Sand	Tons	6	14.49	86.96
						Hoop iron	Bdles	9	14.49	130.43
	TOTAL CARRIED TO WALLING COLLECTION				744.35					4,152.17

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	WALLING COLLECTION									
	Ground Floor				1,175.51					5,893.26
	First Floor				744.35					4,152.17
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				1,919.86					10,045.43

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	<u>ELEMENT NO.4: ROOF</u>									
	Treated eucalyptus timber with approved preservative in roof									
1.00	75x100mm wall plate	LM	65	0.58	37.68	Timber				
2.00	100x50mm truss rafters	LM	190	0.58	110.14	4"x2"	Pcs	221	3.48	768.70
3.00	150x50mm Tie beams	LM	166	0.58	96.23	4"x3"	Pcs	33	4.64	153.04
4.00	100 x 50mm in ties and struts	LM	297	0.58	172.17	6"x2"	Pcs	75	4.64	347.83
5.00	100 x 50mm in purlins	LM	794	0.58	460.29	3"x2" timber	pcs	361	1.45	523.19
						Nails (assorted)	Kgs	238	1.45	344.93
	<u>EML ceiling and eaves</u>					Wood preservative	J' cans	1	304.35	304.35
6.00	Plastered suspended ceilings including timber backing structure & expanded metal lathing to Engineer's detail	SM	179	2.32	415.07	EML	Bdles	20	9.28	185.51
						3"x2" timber	pcs	263	1.45	381.16
						Cement	Bags	25	8.70	217.39
						Sand	Tons	10	14.49	144.93
						Nails	Kgs	90	1.45	130.43
	<u>Roof Covering</u>									
	Supertile roofing sheets manufactured by Roofings or any other approved manufacturer fixed to Purlins (m/s) : in									
7.00	Roof covering; fixed to slopes	SM	198	2.32	459.13	Roofing sheets	pcs	99	21.74	2,152.17
						Roofing nails	Kgs	99	1.74	172.17
						Washers	Pkts	50	2.90	144.93
8.00	Extra over for ridges	Lm	53	0.87	46.09	Ridges	Pcs	29	4.64	134.49
9.00	Extra over for valleys	Lm	17	0.87	14.78	Valleys	Pcs	9	6.67	60.00
	TOTAL CARRIED TO COLLECTION				1,811.59					6,165.22

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	Rain water collection									
10.00	110mm dia PVC gutter	LM	70	2.32	162.32	Gutters	Pcs	13	8.70	113.04
11.00	200mmth PVC Fascia board	LM	70	2.32	162.32	90 deg bends	Pcs	5	2.03	10.14
						Outlets	Pcs	5	3.77	18.84
						Gutter connectors	Pcs	4	2.90	11.59
						Down pipes	Pcs	10	9.86	98.55
						Down pipe clips	Pcs	60	1.45	86.96
						Fascia brackets	Pcs	80	1.45	115.94
						Screws & plugs	box	2	9.71	19.42
						Valley boxes	Pcs	5	7.25	36.23
						Universal angles	Pcs	7	4.35	30.43
						Gutter	Pcs	13	20.29	263.77
	Carried to collection				324.64					804.93
	ROOFING COLLECTION									
	Total B/F from page 11				1,811.59					6,165.22
	Total B/F from page 12				324.64					804.93
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				2,136.23					6,970.14

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
ELEMENT NO.5: WINDOWS										
Ground Floor										
Curtain rod										
1.00	Curtain rods to architect's specifications. Complete with all accessories.	LM		suppy and fix		Curtains rods	Lm		13.04	
Window seals										
Cement-sand coping										
2.00	200 x 75mm Window cill	L.M	156	2.90	452.17	Cement	Bags	31	8.70	271.30
						Sand	Tons	13	14.49	188.41
Mild steel spray painted windows										
3.00	Overall size 1400x 2700mm high as W1	No.	3				No	3	219.13	657.39
4.00	Overall size 1200x 1500mm high as W2	No.	6				No	6	123.48	740.87
5.00	Overall size 1500x 1800mm high as W3	No.	2	suppy and fix		Steel windows	No	2	156.52	313.04
6.00	Overall size 1300x 1500mm high as W4	No.					No		113.04	
7.00	Overall size 1500x 5.600mm high as W5	No.	2				No	2	486.96	973.91
5mm thick TINTED COLOURED glass and glazing as described; to										
8.00	Steel Windows	SM	45			Supply and fix	SM	45	39.13	1,760.87
PREPARE SURFACE AND APPLY ETCHING PRIMER, apply one coat primer, one undercoat and two Gloss finishing coats; on metal work; to										
9.00	Steel windows	SM	45	0.87	39.13	Red oxide primer	Tins	3	14.49	43.48
						Super gloss paint	Tins	3	26.09	78.26
						Super gloss	Tins	6	8.70	52.17
TOTAL CARRIED TO WINDOWS COLLECTION					491.30					5,079.71

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	First Floor									
	Curtain rod									
1.00	Curtain rods to architect's specifications. Complete with all accessories.	LM		suppy and fix		Curtains rods	Lm		13.04	
	Window seals									
	Cement-sand coping									
2.00	200 x 75mm Window cill	L.M	157	2.90	455.07	Cement	Bags	31	8.70	273.04
						Sand	Tons	13	14.49	188.41
	Mild steel spray painted windows									
3.00	Overall size 1400x 2700mm high as W1	No.	3				No	3	219.13	657.39
4.00	Overall size 1200x 1500mm high as W2	No.	8				No	8	123.48	987.83
5.00	Overall size 1500x 1800mm high as W3	No.	3	suppy and fix		Steel windows	No	3	156.52	469.57
6.00	Overall size 1300x 1500mm high as W4	No.	2				No	2	113.04	226.09
7.00	Overall size 1500x 5.600mm high as W5	No.					No		486.96	
	4mm thick translucent glass and glazing as described; to									
8.00	Steel Windows	SM	38			Supply and fix	SM	38	39.13	1,486.96
	PREPARE SURFACE AND APPLY ETCHING PRIMER, apply one coat primer, one undercoat and two Gloss finishing coats; on metal work; to									
9.00	Steel windows	SM	38	0.87	33.04	Red oxide primer	Tins	2	14.49	28.99
						Super gloss paint	Tins	2	26.09	52.17
						Super gloss	Tins	4	8.70	34.78
	TOTAL CARRIED TO WINDOWS COLLECTION				488.12					4,405.22

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	WINDOWS COLLECTION									
	Ground Floor				491.30					5,079.71
	First Floor				488.12					4,405.22
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				979.42					9,484.93

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
ELEMENT NO.6: DOORS										
<u>Ground floor</u>										
<u>Precast concrete class 25 reinforced in</u>										
1.00	230 x 200mm Lintel laid including 4No. 12mm diameter bars and 8mm stirrups at 150mm centers	LM	10	2.90	28.99	Cement	Bags	3	8.70	26.09
						Sand	Tons	1	14.49	14.49
						Aggregates	Tons	2	17.39	34.78
						T8	Pcs	4	5.51	22.03
						T12	Pcs	4	11.01	44.06
						Binding wire	Roll	1	33.33	16.67
<u>Mild steel spray painted doors</u>										
2.00	Overall size 900x 2400mm high as D3	No.	3		Supply and fix	Steel doors	No	3	156.52	469.57
5mm thick translucent glass and glazing as described; to										
3.00	Steel Doors	SM	7			Supply and fix	SM	7	26.09	182.61
Prepare and apply one coat primer, one undercoat and two Gloss finishing coats; on metal work; to										
4.00	Steel Doors	SM	13	0.87	11.30	Red oxide primer	Tins	1	14.49	14.49
						Super gloss paint	Tins	1	26.09	26.09
						Super gloss	Tins	2	8.70	17.39
<u>Timber doors</u>										
Wrot Hardwood, selected and kept clean										
5.00	50 x 200mm Timber frames ; rebated, plugged , screwed	L.M	46	2.32	106.67	Frames(0.8x2.1)	No	4	57.97	231.88
						Frames(2.4x4.0)	No	2	188.41	376.81
6.00	16 x 44mm bevelled timber architrave	L.M	92	0.58	53.33	Architraves	Set	10	20.29	202.90
46mm thick timber panelled and braced door with 20mm thick hardwood lipping to edges; to Architect's detailed drawings										
7.00	Overall size 800x2100 mm high	No.	4	14.49	57.97	Doors (0.8x2.1)	No	4	101.45	405.80
8.00	Overall size 2400x4000 mm high	No.	2	43.48	86.96	Doors (24x4.0)	No	2	579.71	1,159.42
<u>IRON MONGERY</u>										
Supply and fix the following iron mongery										
12.00	100mm "UNION" stainless steel butt hinges	Pairs	6		priced above	Hinges	Pairs	6	2.61	15.65
13.00	Mortice lock with handle	No	6			locks	No	4	23.19	92.75
14.00	Spring hinges	Pcs	4			Spring hinges	Pcs	4	43.48	173.91
						Main door locks	No.	2	57.97	115.94
TOTAL CARRIED TO DOOR COLLECTION					345.22					3,643.33

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	<u>First floor</u>									
1.00	<u>Precast concrete class 25 reinforced in</u> 230 x 200mm Lintel laid including 4No. 12mm diameter bars and 8mm stirrups at 150mm centers	LM	13	2.90	37.68	Cement	Bags	3	8.70	29.84
						Sand	Tons	1	14.49	14.49
						Aggregates	Tons	2	17.39	34.78
						T8	Pcs	5	5.51	27.54
						T12	Pcs	5	11.01	55.07
						Binding wire	Roll	1	33.33	16.67
2.00	<u>Mild steel spray painted doors</u> Overall size 900x 2400mm high as D3	No.	3	Supply and fix		Steel doors	No	3	156.52	469.57
3.00	5mm thick translucent glass and glazing as described; to Steel Doors	SM	7			Supply and fix	SM	7	26.09	182.61
4.00	Prepare and apply one coat primer, one undercoat and two Gloss finishing coats; on metal work; to Steel Doors	SM	13	0.87	11.30	Red oxide primer	Tins	1	14.49	14.49
						Super gloss paint	Tins	1	26.09	26.09
						Super gloss	Tins	2	8.70	17.39
5.00	<u>Timber doors</u> Wrot Hardwood, selected and kept clean 50 x 200mm Timber frames ; rebated, plugged , screwed	L.M	30	2.32	69.57	Frames(0.8x2.1)	No	6	57.97	347.83
6.00	16 x 44mm bevelled timber architrave	L.M	60	0.58	34.78	Architraves	Set	6	20.29	121.74
7.00	46mm thick timber panelled and braced door with 20mm thick hardwood lipping to edges; to Architect's detailed drawings Overall size 800x2100 mm high	No.	6	14.49	86.96	Doors (0.8x2.1)	No	6	101.45	608.70
12.00	<u>IRON MONGERY</u> Supply and fix the following iron mongery 100mm "UNION" stainless steel butt hinges	Pairs	9	priced above		Hinges	Pairs	9	2.61	23.48
13.00	Mortice lock with handle	No	6			locks	No	6	23.19	139.13
	TOTAL CARRIED TO DOOR COLLECTION				240.29					2,129.41

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	DOOR COLLECTION									
	Ground Floor				345.22					3,643.33
	First Floor				240.29					2,129.41
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				585.51					5,772.74

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	ELEMENT NO.7: PLASTER									
	<u>Ground floor</u>									
	<u>External Finishes</u>									
	<u>PLASTER</u>									
	Cement and sand 1:3 plaster, steel trowelled hard and smooth to receive paint internally									
1.00	To brick wall surfaces	S.M	226	1.74	393.04	Cement	Bags	204	8.70	1,773.91
2.00	200mm-300mmth wide surfaces	LM	156	0.87	135.65	Sand	Tons	84	14.49	1,217.39
3.00	Concrete surfaces	SM	157	1.74	273.04	Lime	Bags	24	8.70	208.70
	<u>Eaves plaster</u>									
4.00	20mm thick cement sand 1:4 plaster lime steel trowelled hard and smooth	SM		1.74						
	<u>Internal Finishes</u>									
	<u>Wall Finishes</u>									
	Cement - sand (1:3) render trowelled smooth									
5.00	15mm Thick three layer work to walls	SM	371	1.74	645.22					
6.00	200mm-300mmth wide surfaces	LM	156	0.87	135.65					
	Cement- sand (1:3) to receive wall tiles									
7.00	20mm thick to receive wall tiles	SM	59	1.74	102.61					
	<u>Floor Finishes</u>									
	Cement- sand (1:3) to receive floor tiles									
8.00	20mm thick to receive tiles	SM	157	1.74	273.04					
9.00	Staircase	SM	53	1.74	92.17					
	<u>Ceiling finishes</u>									
	Cement and sand 1:3 plaster, steel trowelled hard and smooth to receive paint internally									
10.00	15mm Thick three layer work to walls	SM	149	1.74	259.13					
11.00	100mm Cornice	LM	124	0.87	107.83					
	TOTAL CARRIED TO PLASTER COLLECTION				2,417.39					3,200.00

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	First floor									
	External Finishes									
	PLASTER									
	Cement and sand 1:3 plaster, steel trowelled hard and smooth to receive paint internally									
1.00	To brick wall surfaces	S.M	190	1.74	330.43	Cement	Bags	181	8.70	1,573.91
2.00	200mm-300mmth wide surfaces	LM	157	0.87	136.52	Sand	Tons	75	14.49	1,086.96
3.00	Concrete surfaces	SM		1.74		Lime	Bags	22	8.70	191.30
	Eaves plaster									
4.00	20mm thick cement sand 1:4 plaster lime steel trowelled hard and smooth	SM	42	1.74	73.04					
	Internal Finishes									
	Wall Finishes									
	Cement - sand (1:3) render trowelled smooth									
5.00	15mm Thick three layer work to walls	SM	438	1.74	761.74					
6.00	200mm-300mmth wide surfaces	LM	157	0.87	136.52					
	Cement- sand (1:3) to receive wall tiles									
7.00	20mm thick to receive wall tiles	SM	59	1.74	102.61					
	Floor Finishes									
	Cement- sand (1:3) to receive floor tiles									
8.00	20mm thick to receive tiles	SM	145	1.74	252.17					
9.00	Staircase	SM		1.74						
	Ceiling finishes									
	Cement and sand 1:3 plaster, steel trowelled hard and smooth to receive paint internally									
10.00	15mm Thick three layer work to walls	SM	153	1.74	266.09					
11.00	100mm Cornice	LM	170	0.87	147.83					
	TOTAL CARRIED TO PLASTER COLLECTION				2,206.96					2,852.17

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	PLASTER COLLECTION									
	Ground Floor				2,417.39					3,200.00
	First Floor				2,206.96					2,852.17
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				4,624.35					6,052.17

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	ELEMENT NO.8									
	PAINTING									
	Ground Floor									
	External finishes									
	Prepare and apply undercoat and two coats weatheguard paint:									
1.00	Rendered wall surfaces	SM	383	0.87	333.04	Weatheguard	cans	5	101.45	507.25
2.00	Ditto, but to surfaces 200-300mm	LM	156	0.29	45.22	Under coat	cans	5	18.84	94.20
3.00	Eaves	SM		0.87		Brushes	item	1	28.99	28.99
						Polythene	Roll	1	34.78	34.78
						Sand paper	Roll	1	39.13	39.13
	Internal finishes									
	Wall painting									
	Prepare and apply undercoat and two coats Silk vinyl paint;									
4.00	Rendered wall surfaces	SM	371	0.87	322.61	Silk Vinyl	cans	5	100.00	500.00
5.00	200mm-300mmth wide surfaces	LM	156	0.29	45.22	Under coat	cans	7	18.84	131.88
6.00	Staircase	SM	28	0.87	24.35	Filler	bags	11	8.70	95.65
						Brushes	item	1	43.48	43.48
						Masking tape	pcs	10	0.87	8.70
						Polythene	Roll	1	34.78	34.78
						Sand paper	Roll	1	39.13	39.13
	Ceiling painting									
	Prepare and apply undercoat and two coats Silk vinyl paint;									
7.00	Rendered wall surfaces	SM	149	0.87	129.57	Ceiling Matt	cans	2	82.61	165.22
8.00	100mm cornice	LM	124	0.29	35.94	Under coat	cans	3	18.84	56.52
						Filler	bags	4	8.70	34.78
	TOTAL CARRIED TO PAINTING COLLECTION				935.94					1,814.49

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	First Floor									
	External finishes									
	Prepare and apply undercoat and two coats weatheguard paint:									
1.00	Rendered wall surfaces	SM	190	0.87	165.22	Weatheguard	cans	3	101.45	304.35
2.00	Ditto, but to surfaces 200-300mm	LM	157	0.29	45.51	Under coat	cans	3	18.84	56.52
3.00	Eaves	SM		0.87		Brushes	item	1	28.99	28.99
						Polythene	Roll	1	34.78	34.78
						Sand paper	Roll	1	39.13	39.13
	Internal finishes									
	Wall painting									
	Prepare and apply undercoat and two coats Silk vinyl paint:									
4.00	Rendered wall surfaces	SM	438	0.87	380.87	Silk Vinyl	cans	6	100.00	600.00
5.00	200mm-300mmth wide surfaces	LM	157	0.29	45.51	Under coat	cans	8	18.84	150.72
6.00	Staircase	SM		0.87		Filler	bags	12	8.70	104.35
						Brushes	item	1	28.99	28.99
						Masking tape	pcs	10	0.87	8.70
						Polythene	Roll	2	34.78	69.57
						Sand paper	Roll	1	39.13	39.13
	Ceiling painting									
	Prepare and apply undercoat and two coats Silk vinyl paint:									
6.00	Rendered wall surfaces	SM	153	0.87	133.04	Ceiling Matt	cans	3	82.61	247.83
7.00	100mm cornice	LM	170	0.29	49.28	Under coat	cans	3	18.84	56.52
						Filler	bags	4	8.70	34.78
	TOTAL CARRIED TO PAINTING COLLECTION				819.42					1,804.35

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	PAINTING COLLECTION									
	Ground floor				935.94					1,814.49
	First floor				819.42					1,804.35
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				1,755.36					3,618.84

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	ELEMENT NO.8									
	FLOOR FINISHES									
	Ground Floor									
	Wall tiling									
	SUPPLY AND FIX 8mm thick GLAZED CERAMIC TILES; bedded and jointed with approved adhesive; pointed in approved waterproof grout : to									
1.00	Wall surfaces	59	SM	2.90	171.01	Wall tiles	m2	62	8.70	539.13
2.00	Extra over for corner strips	40	LM	0.87	34.78	Tile Adhesive	Bags	10	5.22	52.17
						White grout	Bags	2	4.35	8.70
						Spacers	Pkts	4	1.45	5.80
						Cement	Bags	10	8.70	86.96
						Sand	Tons	3	14.49	43.48
						Corner strips	Pcs	20	2.32	46.38
	Floor tiling									
	SUPPLY AND FIX 8mm thick GLAZED CERAMIC TILES; bedded and jointed with approved adhesive; pointed in approved waterproof grout : to									
2.00	Floor surfaces	18	SM	2.90	52.17	Ceramic tiles	m2	19	8.70	165.22
						Tile Adhesive	Bags	6	5.22	31.30
						White grout	Bags	1	4.35	4.35
						Spacers	Pkts	2	1.45	2.90
						Cement	Bags	6	8.70	52.17
						Sand	Tons	2	14.49	28.99
	POLISHED TERRAZO : FIRST COAT OF 25MM THICK WATER PROOF CEMENT AND SAND (1:3) second coat of 25mm thick coloured cement and marble aggregate (1:2:5) including 15 x 3mm plastic dividing strips at 1200mm centers : in									
3.00	General floor	139	SM				SM	139	24.64	3,424.64
4.00	Landing	7	SM				SM	7	24.64	172.46
5.00	Treads; with and including non-slip grooves	12	SM			Supply and fix	SM	12	24.64	295.65
6.00	Risers	7	SM				SM	7	24.64	172.46
7.00	100 x 10mm skirting	84	LM				LM	84	2.46	206.96
	TOTAL CARRIED TO FLOOR FINISHES COLLECTION				257.97					5,339.71

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	First Floor									
	Wall tiling SUPPLY AND FIX 8mm thick GLAZED CERAMIC TILES; bedded and jointed with approved adhesive; pointed in approved waterproof grout : to									
1.00	Wall surfaces	59	SM	2.90	171.01	Wall tiles	m2	62	8.70	539.13
2.00	Extra over for corner strips	40	LM	0.87	34.78	Tile Adhesive	Bags	10	5.22	52.17
						White grout	Bags	2	4.35	8.70
						Spacers	Pkts	4	1.45	5.80
						Cement	Bags	10	8.70	86.96
						Sand	Tons	3	14.49	43.48
						Corner strips	Pcs	20	2.32	46.38
	Floor tiling SUPPLY AND FIX 8mm thick GLAZED CERAMIC TILES; bedded and jointed with approved adhesive; pointed in approved waterproof grout : to									
2.00	Floor surfaces	145	SM	2.90	420.29	Ceramic tiles	m2	173	8.70	1,504.35
3.00	150 x 10mm skirting	130	LM	0.87	113.04	Tile Adhesive	Bags	27	5.22	140.87
4.00	Staircase		SM	2.90		White grout	Bags	6	4.35	26.09
						Spacers	Pkts	11	1.45	15.94
						Cement	Bags	27	8.70	234.78
						Sand	Tons	7	14.49	101.45
	TOTAL CARRIED TO FLOOR FINISHES COLLECTION				739.13					2,806.09

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	FLOOR FINISHES COLLECTION									
	Ground Floor				257.97					5,339.71
	First Floor				739.13					2,806.09
	TOTAL CARRIED TO MAIN BUILDING SUMMARY				997.10					8,145.80

BOQ		LABOUR COST				MATERIAL COST				
Item	Description	Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
1.00	<u>ELEMENT NO.10</u> <u>STONE CLADDING</u> Supply and fix fair cut stones bedded in cement -sand mortar	78	SM	8.70	678.26	Stone slates	SM	78	8.70	678.26
	Cement					Bags	13	8.70	113.04	
	Sand					Tons	4	14.49	57.97	
TOTAL CARRIED TO FLOOR FINISHES COLLECTION					678.26					849.28

No.	Description	Unit	Qty	Total Labour & Eqpt Amount USD	Materials Total USD	TOTAL USD
	<u>M&E SUMMARY</u>					
1.00	ELECTRICAL INSTALLATIONS					6,116
2.00	MECHANICAL INSTALLATIONS					8,678
	TOTAL CARRIED TO MAIN SUMMARY			-	-	14,794

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	Bill No.3 : Mechanical and Electrical installations									
	<u>ELEMENT NO.1</u>									
	<u>ELECTRICAL INSTALLATIONS</u>									
	<u>ALL PROVISIONAL</u>									
	This bill only covers electrical works within the building including all conduiting, wiring, fittings & appliances. Note: It does not include power connection to the building.									
1.00	Lighting points wired by 3 x 2.5mm ² SC PVC copper cables in 25mm PVC surface conduit complete with all accessories.	No.	45			Lighting points	No.	45	37.68	1,695.65
2.00	Socket outlet points wired by 3 x 2.5mm ² SC PVC copper cables in PVC surface conduits or trunking complete with all accessories.	No.	15			Power points	No.	15	37.68	565.22
3.00	Allow a provisional sum of UGX 2,500,000/=for consumer units and the like to enhance installation network.	item	1			consumer units	item	1	724.64	724.64
4.00	Allow a provisional sum of UGX 2,500,0000 for earthing and installation of lightning protection	item	1		supply and fix	Earthing and Lightening protection	item	1	724.64	724.64
	<u>Switches</u>									
5.00	6A 3 gang 2way light switch as MK or equal approved complete with all accessories.	No.	5				No.	5	5.80	28.99
6.00	6A 2 gang 2 way light switch as HAVELLS or equal approved complete with all accessories.	No.	10			Switches	No.	10	5.80	57.97
7.00	6A 2 gang 1 way light switch as HAVELLS or equal approved complete with all accessories.	No.	10				No.	10	5.80	57.97
8.00	13A 2gang switched socket outlet as MK or equal complete with all accessories on walls or Trunking.	No.	15			Sockets	No.	15	11.59	173.91
	Total carried to collection									4,028.99

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
9.00	Lighting fittings Ceiling lights from approved manufacturers as specified by the architect	No.	40			Ceiling lights	No.	40	20.29	811.59
10.00	Security lights to architects instructions	No.	5			security lights	No.	5	23.19	115.94
	UMEME CONNECTION									
11.00	Allow for Umeme power supply and connection including, survey fees, electric poles, all necessary accessories and all statutory payments	ITEM	1			Umeme connection	Item	1	724.64	724.64
	TESTING AND COMISSIONING									
12.00	Allow for witnessing of tests and commissioning the entire electrical installation as per code of practice and regulations by the Engineer.	ITEM	1			Testing and commissioning	Item	1	434.78	434.78
	Total carried to collection									2,086.96
	Collection									
	Total B/F from page 1									4,028.99
	Total B/F from page 2									2,086.96
	TOTAL CARRIED TO M&E SUMMARY									6,115.94

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	<u>ELEMENT NO.2</u>									
	<u>MECHANICAL INSTALLATIONS</u>									
	<u>ALL PROVISIONAL</u>									
	Supply, install, connect and set to work the following as described in the Specifications and on Drawings.									
	<u>SANITARY FITTINGS</u>									
1.00	White Vitreous China WC as Twyford's Classic bowl with bottom outlet, 9 litre vitreous china cistern with valve fittings and CP push button, seat and cover complete with valve cistern fittings, including outlet and inlet valves, internal overflow, connecting fittings from cistern to bowl and all accessories.	NO.	8	supply and fix		Toilets	NO.	8	86.96	695.65
2.00	Wash hand basin in white Vitreous China approximately 560 x 405mm with two tap holes and chain-stay hole, complete with pillar taps, Chrome plated chain waste, plastic bottle trap, Twyford's or equal approved.	NO.	4	supply and fix		Wash hand basins	NO.	4	72.46	289.86
3.00	White Vitreous China toilet roll holder complete with fixing to the wall, as Twyford's or equal approved.	NO.	8	supply and fix		toilet roll holders	NO.	8	11.59	92.75
4.00	6mm glass plate mirror size complete.	NO.	4	supply and fix		mirrors	NO.	4	23.19	92.75
	Total carried to collection				-					1,171.01

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
5.00	Supply and fix white vitreous china soap dishes.	NO.	4			soap dishes.	NO.	4	11.59	46.38
6.00	Coat hooks	NO.	8			towel rails	NO.	8	8.70	69.57
	All water pipe work shall be either PVC or HDPE or PPR and shall be complete with all fittings such as bends elbows, tees, unions and all accessories and shall be inclusive of all builder's work.				supply and fix					
7.00	Allow a provisional sum of UGX 4,000,000 for all plumbing and drainage pipings.	SUM	1				SUM	1	1,159.42	1,159.42
	<u>WATER SUPPLY AND INTERNAL PLUMBING</u>									
8.00	1000 litre cylindrical PVC Tank as Crestank or equal complete with good quality ball valve, 20mm inlet, 32mm outlet, 32mm overflow and all accessories	No.	6		supply and fix	2000L UPVC Water tank	No.	6	289.86	1,739.13
	<u>External Drainage</u>									
9.00	Manholes type not exceeding 1500mm depth, 600x750mm, in concrete blocks with heavy duty RC manhole cover and all accessories.	No.	4		supply and fix	Man holes	No.	4	72.46	289.86
	<u>Septic Tank</u>									
10.00	Septic tank construction as per Engineer's drawings.	No.	1		supply and fix	Septic tank	No.	1	2,318.84	2,318.84
	Total carried to collection				-					5,623.19

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
11.00	Soak pit 3000mm diameter and 2000mm deep filled with hardcore.	No.	1		supply and fix	Soak pit	No.	1	724.64	724.64
	NWSC CONNECTION									
12.00	Allow for NWSC connection including, survey fees, meter and necessary materials , all necessary accessories and all statutory payments	ITEM	1			NWSC	Item	1	724.64	724.64
	TESTING AND COMISSIONING									
13.00	Allow for witnessing of tests and commissioning the entire electrical installation as per code of practice and regulations by the Engineer.	NO.	1		supply and fix		NO.	1	434.78	434.78
	Total carried to collection				-					1,884.06
	COLLECTION									
	Total B/F from page 3									1,171.01
	Total B/F from page 4									5,623.19
	Total B/F from page 5									1,884.06
	TOTAL CARRIED TO M&E SUMMARY									8,678.26

No.	Description	Unit	Qty	Total Labour & Eqpt Amount USD	Materials Total USD	TOTAL USD
1.00	<p style="text-align: center;"><u>EXTERNAL WORKS SUMMARY</u></p> <p>EXTERNAL WORKS</p>			2,454	12,299	14,753
	TOTAL CARRIED TO MAIN SUMMARY			2,454	12,299	14,753

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
	Bill No.4 : External works									
	<u>PAVING AND LANDSCAPING</u>									
1.00	Approved marrum fill to make up levels; well rolled and compacted in layers NE 250mm th and to Not less than 150mm th , all to 95% MDD to Engineer's approval	SM	200	1.30	260.87	Labour item				
2.00	Compact existing sub grade to 93% MDD, (MOD AASHTO), CBR>15%	SM	200	0.87	173.91	Labour item				
3.00	Precast concrete "CABROWORKS" heavy duty paving blocks or any other equal and approved : quad block pattern. 60 mm Thick concrete pavers size 205 x 110 mm laid to falls and including 30 mm thick sand bed	S.M	200	2.32	463.77	Cement	Bags	30	8.70	260.87
						Sand	Tons	41	14.49	594.20
						Pavers	Sm	210	10.43	2,191.30
4.00	Precast concrete class 20; 20mm Aggregate : finished fair on all exposed surfaces including bedding and jointing in cement and sand (1:4) mortar 250 x 125mm Precast concrete grade 25 half battered kerb to BS 340 bedded, jointed and pointed in cement mortar (1:3) laid on and including plain insitu concrete grade 20 foundation	LM	20	2.61	52.17	Road kerbs	Pcs	40	2.61	104.35
						Cement	Bags	2	8.70	17.39
						Sand	Tons	1	14.49	14.49
						Aggregate	Tons	2	17.39	34.78
5.00	Grass & plants Spread & level black vegetable soil 200mmth, apply manure and make ready for grass planting	S.M	136			Supply and fix	SM	136	2.32	315.36
6.00	Plant approved grass shoots at 100mm centers both ways, weed ,water until established	S.M	136			Supply and fix	SM	136	3.48	473.04
7.00	Allow a sum of800,000/= for plants, trees, flowers, shrubs and all associated planters	Item	1			Supply and fix	SM	1	23.19	23.19
	Total carried to collection				950.72					4,028.99

Item	Description	LABOUR COST				MATERIAL COST				
		Unit	Qty	Labour USD	Total Labour USD	Material Description	Unit	Qty	Market price USD	Amount USD
8.00	<u>BOUNDARY WALL</u>									
	Allow for labour and material for construction of boundary walling 2500mm high overall above ground level comprising ; 200mm Thick solid concrete block walls 1500mm high above ground with 300 x 75mm thick coping and 1000mm high (average) sub-wallling; including plastered and painted concrete blockwork to 2500mm both sides and tops; with and including 600 x 600mm thick reinforced concrete grade 20 strip footings : 250 x 250mm thick reinforced concrete columns at 3000mm centres and 300 x 300 x 100mm thick weathered and throated coping complete with double razor wire ; including all necessary excavation, formwork and disposal; as per Architect's detailed drawing.	LM	91	16.52	1,503.48	Burnt clay bricks	Pcs	6406	0.07	464.20
						150mm blocks	Pcs	1441	0.64	918.90
						Cement	Bags	146	8.70	1,269.57
						Sand	Tons	60	14.49	869.57
						Hoop iron	Bdles	8	14.49	115.94
						Aggregates	Tons	26	17.39	452.17
						Steel railing	LM	91	34.78	3,165.22
9.00	Gate									
	Supply and fix purpose made steel sliding vehicular gate size 6000x2500mm high in two leaves, including gate columns and make good existing blockwork; including all iron mongery and accessories to Architect's approval.	NO	1			Supply and fix	NO	1	1,014.49	1,014.49
	Total carried to collection				1,503.48					8,270.06
	COLLECTION									
	Total B/F from page 1				950.72					4,028.99
	Total B/F from page 2				1,503.48					8,270.06
	TOTAL CARRIED TO SUMMARY				2,454.20					12,299.04