

PROPOSED RESIDENTIAL DEVELOPMENT

AT

MAITAMA, ABUJA

RESCOURSE SCHEDULLING FOR BLOCK 4NR TERRACE APARTMENT

JUNE, 2015

Prepared by:



el-Rufai & Partners Ltd.
Chartered Quantity Surveyor & Management Consultants



ABUJA:

No 24 Aminu Kano Crescent
Wing A Park 'n' Shop Complex,
Wuse II, P. O. Box 10767 Garki
Tel: 09 2916324, 09 2916323

LAGOS:

54A Abosede Kuboye Crescent
Off Imam Dauda Street, via Eric Moore Rd,
G.P.O Box 1525, Surulere, Lagos.
Tel: 01 470 5001.

RESOURCE SCHEDULE
PRELIMINARIES

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
A12-110-120	The site/Existing Buildings						
A20-120.5	Levels and Setting out					20 000.00	5 000.00
A20-120.19	Insurance against injury to persons and property				500 000.00		
A32-162	Temporary Services						
A32-163	First aid box				50 000.00		
A32-211	Master Program/Progress					47 000.00	3 000.00
A32-280	Progress photographs					30 000.00	5 000.00
A33-190	Water for the Works (other than mains)				500 000.00		
A33-510	Supervision				100 000.00		
A33-560	Timing of Tests and Inspections				50 000.00		
A34-110	Security				500 000.00		
A36-320	Temporary fence(s)				200 000.00		
A36-360	Name Board					19 000.00	1 000.00
A36-420	Lighting and power				1 000 000.00		
A36-430	Water for the Works				800 000.00		
A36-520	Surveying Equipment				50 000.00		
A36-530	Protective Clothing				10 000.00		
A41-130	Cabins (for use of the Contractor's staff)					90 000.00	10 000.00
A42-110-140	Lighting (for Contractor's use on the project)					19 000.00	1 000.00
A42-190	Cleaning down the whole premises				50 000.00		
A42-200	Drying out of Buildings				50 000.00		
A44-110-250	Temporary Works-Support Scaffolding					150 000.00	50 000.00
A54-510	Insurance against damage to property				200 000.00		
A54-540	Test and Samples and inspection of materials						
A54-560	Extra Cost of Authorized Overtime						
A54-570	Extra Cost of Substructursl Work						
A54-580	Provision of Spares						
A55-210	Labour (Net cost of Daywork Labour)						
A55-220	Materials ((Net cost of daywork materials)						
A55-410	Plant (Net cost of daywork plant)						
	PRELIMINARIES Carried to Summary				4 060 000.00	375 000.00	75 000.00

SUMMARY		
1	MATERIALS	4 060 000.00
2	WORK GANG(S)	375 000.00
3	PLANT/TOOLS ITEMS	75 000.00
TOTAL TO GRAND SUMMARY		4 510 000.00

**RESOURCE SCHEDULE
MAIN BUILDING**

Ref/No	DESCRIPTION	Employer's/Contractors responsibility Material issue				Contractors responsibility Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
	C: EARTHWORKS						
C.2.1	Topsoil excavation 150 average depth (636m ²)					25 440.00	3 816.00
C.2.2	Pit excavation maximum depth not exceeding 2.00m commencing 50mm below ground level (119m ³)					41 300.00	6 195.00
C.2.2	Trench excavation maximum depth not exceeding 2.00m; commencing surface 150mm below existing ground level (136m ³)					47 600.00	7 140.00
C.5.2	Filling around excavtion average thickness exceeding 0.25m; arising from the excavations; Compacted around foundations (138m ³)					21 300.00	3 195.00
C.5.2	Disposal of excavated material; off site; transported 750m from excavation and deposited in spoil heaps (112m ³)					13 440.00	2 016.00
C:6.1	Laterite earth filling (69m ³)	18	3.81m ³ /trips	3 500	64 653.54	34 500.00	5 175.00
C:6.0.1	Broken stones hardcore filling (open market) (135m ³)	36	3.81m ³ /trips	6 000	216 850.39	67 500.00	10 125.00
C:9.2	Dieldrex '20' solution (open market) (915m ²)	19	4 Litre/Gallon	800	14 932.80	9 150.00	1 372.50
C:11.0.1	Allow a provisional sum for transportation of dieldrex 20 solution to site		Item		20 000.00		
	TOTAL FOR EARTHWORK Carried to Summary				316 436.74	260 230.00	39 034.50

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	D10: IN-SITU AND PRECAST CNCRETE						
D10:1.1.1	BLINDING (1:4:8), Grade 15 (12m³)					15 060.00	8 283.00
D10:1.1.1.1	50kg bag of cement (Dangote)	43	gnr of bags	1 450	62 350.00		
D10:1.1.1.2	Sharp sand (Open Market)	2	3.81m ³ /trips	12 000	24 000.00		
D10:1.1.1.3	Gravel (Open Market)	3	3.81m ³ /trips	17 000	51 000.00		
D10:2.1.1	FOUNDATION (1:3:6), Grade 20 (31m³)					38 905.00	21 397.75
D10:2.1.1.1	50kg bag of cement (Dangote)	136	gnr of bags	1 450	197 150.70		
D10:2.1.1.2	Sharp sand (Open Market)	5	3.81m ³ /trips	12 000	54 774.80		
D10:2.1.1.3	Gravel (Open Market)	7	3.81m ³ /trips	17 000	124 156.22		
D10:2.1.1	COLUMNS BASE (1:2:4), Grade 25 (32m³)					40 160.00	22 088.00
D10:2.1.1.1	50kg bag of cement (Dangote)	198	gnr of bags	1 450	287 754.24		
D10:2.1.1.2	Sharp sand (Open Market)	5	3.81m ³ /trips	12 000	54 485.67		
D10:2.1.1.3	Gravel (Open Market)	7	3.81m ³ /trips	17 000	122 335.75		
D10:4.1.1	GROUND SLAB (1:2:4), Grade 25 (85m³)					106 675.00	58 671.25
D10:4.1.1.1	50kg bag of cement (Dangote)	527	gnr of bags	1 450	764 347.20		
D10:4.1.1.2	Sharp sand (Open Market)	12	3.81m ³ /trips	12 000	144 727.56		
D10:4.1.1.3	Gravel (Open Market)	19	3.81m ³ /trips	17 000	324 954.33		
D10:5.1.1	SUSPENDED SLAB (1:2:4), Grade 25 (84m³)					105 420.00	57 981.00
D10:5.1.1.1	50kg bag of cement (Dangote)	521	gnr of bags	1 450	755 354.88		
D10:5.1.1.2	Sharp sand (Open Market)	12	3.81m ³ /trips	12 000	143 024.88		
D10:5.1.1.3	Gravel (Open Market)	19	3.81m ³ /trips	17 000	321 131.34		
D10:7.1.1	WARDROBE SLAB (1:2:4), Grade 25 (2m³)					2 510.00	1 380.50
D10:7.1.1.1	50kg bag of cement (Dangote)	12	gnr of bags	1 450	17 984.64		
D10:7.1.1.2	Sharp sand (Open Market)	2/7	3.81m ³ /trips	12 000	3 405.35		
D10:7.1.1.3	Gravel (Open Market)	4/9	3.81m ³ /trips	17 000	7 645.98		
D10:6.1.1	COLUMNS (1:2:4), Grade 25 (33m³)					47 850.00	26 317.50
D10:6.1.1.1	50kg bag of cement (Dangote)	205	gnr of bags	1 450	296 746.56		
D10:6.1.1.2	Sharp sand (Open Market)	5	3.81m ³ /trips	12 000	56 188.35		
D10:6.1.1.3	Gravel (Open Market)	7	3.81m ³ /trips	17 000	126 158.74		
D10:7.1.1	FLOOR BEAMS (1:2:4), Grade 25 (24m³)					29 400.00	16 170.00
D10:7.1.1.1	50kg bag of cement (Dangote)	149	gnr of bags	1 450	215 815.68		
D10:7.1.1.2	Sharp sand (Open Market)	3	3.81m ³ /trips	12 000	40 864.25		
D10:7.1.1.3	Gravel (Open Market)	5	3.81m ³ /trips	17 000	91 751.81		
	To Collection				4 288 108.94	385 980.00	212 289.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
D10:7.1.1	ROOF BEAMS (1:2:4), Grade 25 (9m³)					11 025.00	6 063.75
D10:7.1.1.1	50kg bag of cement (Dangote)	56	gnr of bags	1 450	80 930.88		
D10:7.1.1.2	Sharp sand (Open Market)	1	3.81m ³ /trips	12 000	15 324.09		
D10:7.1.1.3	Gravel (Open Market)	2	3.81m ³ /trips	17 000	34 406.93		
D10:7.1.1	LINTELS (1:2:4), Grade 25 (13m³)					15 925.00	8 758.75
D10:7.1.1.1	50kg bag of cement (Dangote)	81	gnr of bags	1 450	116 900.16		
D10:7.1.1.2	Sharp sand (Open Market)	2	3.81m ³ /trips	12 000	22 134.80		
D10:7.1.1.3	Gravel (Open Market)	3	3.81m ³ /trips	17 000	49 698.90		
D10:7.1.1	STAIRCASE (1:2:4), Grade 25 (6m³)					7 530.00	4 141.50
D10:7.1.1.1	50kg bag of cement (Dangote)	37	gnr of bags	1 450	53 953.92		
D10:7.1.1.2	Sharp sand (Open Market)	1	3.81m ³ /trips	12 000	10 216.06		
D10:7.1.1.3	Gravel (Open Market)	1	3.81m ³ /trips	17 000	22 937.95		
D10:11.1.1	Allow a provisional sum for transportation of cements to site		Item		70 000.00		
	To Collection				476 503.70	34 480.00	18 964.00
	COLLECTION						
	Page 2/2				4 288 108.94	385 980.00	212 289.00
	Page 2/3				476 503.70	34 480.00	18 964.00
	IN SITU AND PRECAST CONCRETE						
	Carried to Summary				4 764 612.64	420 460.00	231 253.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
D15:2.1.1	EDGES OF COLUMN BASES; 350mm thick (351m)					21 060.00	5 265.00
D15:2.1.1.1	25x300x3600mm timber planks (Afara)	99	lengths	600	59 670.00		
D15:2.1.1.2	50x50x3600mm timber bracers (Afara)	12	lengths	250	3 107.81		
D15:2.1.1	EDGES OF GROUND SLAB; 150mm thick (edges 183m)					6 039.00	1 509.75
D15:2.1.1.1	25x300x3600mm timber planks (Afara)	52	lengths	600	31 110.00		
D15:2.1.1.2	50x50x3600mm timber bracers (Afara)	6	lengths	250	1 620.31		
D15:2.1.1	EDGES AND SOFFIT SUSPENDED SLAB; 150mm thick (soffit 547m², edges 26m²)					171 390.00	42 847.50
D15:2.1.1.1	25x300x3600mm timber planks (Afara)	563	lengths	600	292 966.67		
D15:2.1.1.2	50x50x3600mm timber bracers (Afara)	103	lengths	250	81 379.63		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	215	lengths	250	0.00		
D15:3.1.1	EDGES AND SOFFIT WARDROBE SLAB; 150mm thick (soffit 13m², edges 3m²)					4 935.00	1 233.75
D15:3.1.1.1	25x300x3600mm timber planks (Afara)	19	lengths	600	11 276.67		
D15:3.1.1.2	50x50x3600mm timber bracers (Afara)	3	lengths	250	779.17		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	4	lengths	250	0.00		
D15:3.1.1	SIDES AND SOFFITS OF FLOOR BEAMS; 230x300mm and 230x350mm (339m)					71 750.00	17 937.50
D15:3.1.1.1	25x300x3600mm timber planks (Afara)	271	lengths	600	162 633.33		
D15:3.1.1.2	50x50x3600mm timber bracers (Afara)	52	lengths	250	12 988.08		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	79	lengths	350	0.00		
D15:5.1.1	SIDES AND SOFFITS OF ROOF BEAMS; 230x230mm (168m)					29 000.00	7 250.00
D15:5.1.1.1	25x300x3600mm timber planks (Afara)	110	lengths	600	65 733.33		
D15:5.1.1.2	50x50x3600mm timber bracers (Afara)	21	lengths	250	5 249.54		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	32	lengths	250	7 988.43		
D15:5.1.1	SIDES AND SOFFITS OF LINTELS; 230x230mm (232m)					40 000.00	10 000.00
D15:5.1.1.1	25x300x3600mm timber planks (Afara)	151	lengths	600	90 666.67		
D15:5.1.1.2	50x50x3600mm timber bracers (Afara)	29	lengths	250	7 240.74		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	44	lengths	250	11 018.52		
D15:4.1.1	STAIRCASE SLOPING SOFFIT; (22m²)					5 500.00	1 375.00
D15:4.1.1.1	25x300x3600mm timber planks (Afara)	21	lengths	600	12 466.67		
D15:4.1.1.2	50x50x3600mm timber bracers (Afara)	8	lengths	250	1 947.92		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	9	lengths	250	2 164.35		
	To Collection				859 843.47	349 674.00	87 418.50

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
D15:4.1.1	HORIZONTAL SOFFIT AND EGDES OF LANDING; (soffit 7m² ,edges 8m)					2 050.00	512.50
D15:4.1.1.1	25x300x3600mm timber planks (Afara)	9	lengths	600	5 326.67		
D15:4.1.1.2	50x50x3600mm timber bracers (Afara)	2	lengths	250	380.73		
D15:2.1.1.3	100x150x3600mm timber props (Afara)	3	lengths	250	0.00		
D15:4.1.1	SIDES OF STRING; (7m²)					1 400.00	350.00
D15:4.1.1.1	25x300x3600mm timber planks (Afara)	7	lengths	600	3 966.67		
D15:4.1.1.2	50x50x3600mm timber bracers (Afara)	2	lengths	250	619.79		
D15:4.1.1	EDGES OF RISERS; (11m²)					2 160.00	540.00
D15:4.1.1.1	25x300x3600mm timber planks (Afara)	20	lengths	600	12 240.00		
D15:4.1.1.2	50x50x3600mm timber bracers (Afara)	10	lengths	250	2 550.00		
D15:8.1.1	SIDES OF COLUMNS; 230x230mm (2248m)					155 100.00	38 775.00
D15:8.1.1.1	25x300x3600mm timber planks (Afara)	488	lengths	600	292 966.67		
D15:8.1.1.2	50x50x3600mm timber bracers (Afara)	326	lengths	250	81 379.63		
D15:10	MISCELLANEOUS						
D15:10.1	Mould release oil;(seltron)	98	Litres	120	11 724.08		
D15:10.2	Nails; galvanised nails; 3 inches; (Nigerite Nails)	6	25kg/Bag	3 000	18 758.53		
D15:10.3	Nails; galvanised nails; 4 inches; (Nigerite Nails)	2	25kg/Bag	3 000	7 034.45		
D10:11.1	Allow a provisional sum for transportation of hardwood timber to site		Item		30 000.00		
	To Collection				466 947.22	160 710.00	40 177.50
	COLLECTION						
	Page 2/4				859 843.47	349 674.00	87 418.50
	Page 2/5				466 947.22	160 710.00	40 177.50
	FORMWORK						
	Carried to Summary				1 326 790.69	510 384.00	127 596.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	COLUMN BASES					91 000.00	13 650.00
D20:1.2.1	16mm Diameter High yield steel bars;12 metres long; (Local Steel)	46	lengths	1 200	55 789.92		
D20:1.2.2	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	92	lengths	1 200	110 453.76		
	COLUMNS					320 500.00	48 075.00
D20:1.2.1	20mm Diameter High yield steel bars;12 metres long; (Local Steel)	68	lengths	1 200	81 983.52		
D20:1.2.2	16mm Diameter High yield steel bars;12 metres long; (Local Steel)	110	lengths	1 200	132 338.88		
D20:1.2.3	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	83	lengths	1 200	100 098.72		
D20:1.2.4	10mm Diameter Mild steel bars; 9 metres long; (Local Steel)	211	lengths	1 100	231 749.10		
	SUSPENDED SLAB					287 500.00	43 125.00
D20:1.2.1	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	435	lengths	1 200	522 354.24		
D20:1.2.2	10mm Diameter Mild steel bars; 9 metres long; (Local Steel)	167	lengths	1 200	199 940.40		
	WARDROBE SLAB					12 000.00	1 800.00
D20:1.2.1	10mm Diameter High yield steel bars;12 metres long; (Local Steel)	33	lengths	1 200	39 657.60		
	FLOOR BEAMS					173 500.00	26 025.00
D20:1.2.1	25mm Diameter High yield steel bars;12 metres long; (Local Steel)	8	lengths	1 200	9 155.52		
D20:1.2.2	20mm Diameter High yield steel bars;12 metres long; (Local Steel)	21	lengths	1 200	25 385.76		
D20:1.2.3	16mm Diameter High yield steel bars;12 metres long; (Local Steel)	63	lengths	1 200	75 900.24		
D20:1.2.4	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	35	lengths	1 200	41 420.16		
D20:1.2.5	10mm Diameter Mild steel bars; 9 metres long; (Local Steel)	136	lengths	1 100	149 955.30		
	ROOF BEAMS					57 000.00	8 550.00
D20:1.2.1	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	67	lengths	1 200	80 539.20		
D20:1.2.2	10mm Diameter Mild steel bars; 9 metres long; (Local Steel)	61	lengths	1 100	66 646.80		
	To Collection				1 923 369.12	941 500.00	141 225.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility Material issue				Contractors responsibility Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
	LINTEL					71 500.00	10 725.00
D20:1.2.1	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	87	lengths	1 200	104 700.96		
D20:1.2.2	10mm Diameter Mild steel bars; 9 metres long; (Local Steel)	72	lengths	1 100	78 764.40		
	STAIRCASE					20 500.00	3 075.00
D20:1.2.1	12mm Diameter High yield steel bars;12 metres long; (Local Steel)	28	lengths	1 200	33 366.24		
D20:1.2.2	10mm Diameter Mild steel bars; 9 metres long; (Local Steel)	17	lengths	1 100	18 176.40		
	GROUND SLAB						
D20:2.1	Fabric mesh, 11.00x2.10m wide with ref no. A193 weighing 3.02kg/m2; (local Steel)	3	Rolls	12 500	31 405.84	51 210.00	7 681.50
D20:4.2	Binding wire; 18kg/roll; (Local Steel)	34	Rolls	3 500	120 575.00		
D20:6.1	Allow a provisional sum for transportation of steel bars, mesh and binding wire to site		Item		80 000.00		
	To Collection				466 988.84	143 210.00	21 481.50
	COLLECTION						
	Page 2/6				1 923 369.12	941 500.00	141 225.00
	Page 2/7				466 988.84	143 210.00	21 481.50
	REINFORCEMENT Carried to Summary				2 390 357.96	1 084 710.00	162 706.50

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
	E: MASONRY(BRICK/CEMENT/MUD/GLASS/STAONE) BLOCK WALLING						
E:1.1.1	230x230x450mm thick Hollow sandcrete Blockwork; (local) (1503m ²)	15 331	Nr	120	1 839 672.00	383 265.00	3 832.65
E:1.1.2	230x230x450mm thick Hollow sandcrete Blockwork; (local) (69m ²)	704	Nr	120	84 456.00	17 595.00	175.95
E:1.1.1	150x230x450mm thick Hollow sandcrete Blockwork; (Local) (33m ²)	337	Nr	90	30 294.00	8 415.00	84.15
E:1.1.1	100x230x450mm thick Hollow sandcrete Blockwork; (local) (32m ²)	326	Nr	60	19 584.00	8 160.00	81.60
E:1.3.1	230x230x450mm thick Hollow scandcrete Blockwork viods filled solid; (Local) (356m ²)	2 927	Nr	120	351 288.00	117 096.00	1 170.96
E:1.1.1.2	MORTAR; (1:6) CEMENT AND SAND						
	50kg bag of cement	283	gnr of bags	1 450	410 319.56		
	Sharp sand	10	3.81m ³ /trips	12 000	116 551.01		
E:5.01.1.1	CONCRETE FILLING TO CAVITIES OF WALL (30M³)						
	50kg bag of cement (Dangote)	164	gnr of bags	1 450	237 371.67		
	Sharp sand (Open Market)	5	3.81m ³ /trips	12 000	65 949.48		
	Gravel (Open Market)	9	3.81m ³ /trips	17 000	149 485.49		
E: 7.1	Allow a provisional sum for transportation of mortar and cement to site		Item		15 000.00		
	MASONRY (BRICK/CEMENT/MUD/GLASS/STAONE/BLOCK WALLING) Carried to Summary				3 319 971.22	534 531.00	5 345.31

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	F: STRUCTURAL/CARCASSING TIMBER						
F: 4.1	100x150x3600mm hardwood timber wall plate; (Obeche) (109m)	31	lengths	900	28 305.00	8 880.00	133.20
F:2:1	50x150x3600mm hardwood timber tie beam; (Obeche) (662m)	199	lengths	600	119 680.00	56 320.00	844.80
F:1:1.1	50x150x3600mm hardwood timber rafter; (Obeche) (534m)	160	lengths	600	96 050.00	45 200.00	678.00
F:7.1	50x100x3600mm hardwood timber strut; (Obeche) (560m)	168	lengths	400	67 093.33	47 360.00	710.40
F:5.1	50x75x3600mm hardwood timber purlins; (Obeche) (954m)	282	lengths	300	84 490.00	79 520.00	1 192.80
F:5.1	50x50x3600mm hardwood timber noggins; (Obeche) (1626m)	519	lengths	200	103 700.00	73 200.00	1 098.00
N:3.1	38x13x3600mm hardwood strip batten; (Obeche) (1626m)	519	lengths	120	62 220.00	36 600.00	549.00
F:9.1	25x300x3600mm wide hardwood timber fascia board; (Obeche) (118m)	34	lengths	800	27 200.00	12 000.00	180.00
F:11	MISCELLANIOUS						
F:11.2	Nails; galvanised nails; 3 inches (Nigerite Nails)	6	25Kg/Bag	3 000	16 653.39		
F:11.2	Solugum wood treatment chemical	164	litres	325	53 306.87		
F:13.1	Allow a provisional sum for transportation of hardwood timbers to site		Item		25 000.00		
	STRUCTURAL/CARCASSING TIMBER Carried to Summary				683 698.60	359 080.00	5 386.20

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	G: ROOF AND SIMILAR CLADDINGS						
G.1.1.1	"Danpalon or equal approved", 12mm thick Polycarbonate roof covering at entrance; colour to Architect specification; fix complete on 50mm diameter C.H.S steel pipes welded to the specification to the engineer; with, hooks, drive screws, felt and washers	22	gm2	1 970	43 340.00	33 000.00	330.00
G:1.1.1	Longspan Aluminium roofing sheets; 0.55mm thick size 1.80x.95m wide with 150mm minimum end and side lap;(Tower) (551m2)	551	gm2	1 970	1 085 470.00	606 100.00	6 061.00
G:12.1.1	Longspan Aluminium valley plate; 0.55mm thick size 1800x600mm wide wide with 150mm minimum end and side lap;(Tower) (27m)	27	gm	1 182	31 914.00	14 850.00	148.50
G:13.1.1	Longspan Aluminium ridge capping; 0.55mm thick size 1800x600mm wide wide with 150mm minimum end and side lap;(Tower) (34m)	34	gm	1 182	40 188.00	18 700.00	187.00
G:13.1.1	Longspan Aluminium hipped plate; 0.55mm thick size 1800x600mm wide wide with 150mm minimum end and side lap;(Tower) (35m)	35	gm	1 182	41 370.00	19 250.00	192.50
G:15.1.1	Longspan Aluminium eaves finial sheet; 0.55mm thick size 1800x300mm wide wide with 150mm minimum end and side lap;(Tower) (118m)	118	gnr	590	69 620.00	24 780.00	247.80
G:16	FIXING ACCESSORIES						
G:16.1	Nails; galvanised nails; 1 1/2 inches (Nigerite Nails)	2	tonne	4 500	9 000.00		
G:17.1	Allow a provisional sum for transportation of Aluminium roofing sheets to site		Item		45 000.00		
	ROOF AND SIMILAR CLADDINGS Carried to Summary				1 365 902.00	716 680.00	7 166.80

Ref/No	DESCRIPTION	Employer's/Contractors responsibility Material issue				Contractors responsibility Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
H:1.1	H: WATER PROOFING Visqueen polythene damp proofing membrane; roll 35.0x2.10m wide	8	Rolls	35 000	276 371.43	59 745.00	597.45
H:11.1	Allow a provisional sum for transportation of rolls of polythene damp proof membrane to site		Item		60 000.00		
	WATER PROOFING Carried to Summary				336 371.43	59 745.00	597.45

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	J: COMPONENTS						
	METAL WINDOWS						
J:1.2.1							
J:1.2.1.1	2400x1500mm Sliding windows	4	Nr	36 700	146 800.00	7 000.00	84.00
J:1.2.1.2	1800x1500mm Sliding windows	4	Nr	27 500	110 000.00	7 000.00	84.00
J:1.2.1.3	1500x1500mm Sliding windows	24	Nr	22 900	549 600.00	42 000.00	504.00
J:1.2.1.4	1200x1200mm Sliding windows	3	Nr	14 700	44 100.00	5 250.00	63.00
J:1.2.1.5	900x600mm Sliding windows	16	Nr	5 800	92 800.00	28 000.00	336.00
J:1.2.1.0	METAL DOORS						
J:1.2.1.1	1200x2100mm high overall size HPI security doors	8	Nr	120 000	960 000.00	20 000.00	240.00
J:1.2.1.2	3000x2100mm high overall size aluminium sliding doors	8	Nr	92 000	736 000.00	20 000.00	240.00
J:1.2.1.3	900x2100mm high overall size HPI security steel doors	8	Nr	100 000	800 000.00	20 000.00	240.00
J:1.2.1.4	750x2100mm high overall size purposed made steel doors	8	Nr	29 000	232 000.00	20 000.00	240.00
J:1.2.1.0	TIMBER DOORS						
J:1.2.1.1	900x2100mm high overall size swing timber flush doors	24	Nr	60 000	1 440 000.00	60 000.00	720.00
J:1.2.1.2	750x2100mm high overall size swing timber flush doors	24	Nr	60 000	1 440 000.00	60 000.00	720.00
J:2.4.1	Danpalon roof covering;12mm thick polycarbon roof covering fix complete on parapet wall to detail Architect specification;	22	m2	11 900	261 800.00	9 900.00	118.80
J:3	IRONMONGERY						
J:3.1.1	Mortice lock and lever handle (48nr)	48	gnr	2 500	120 000.00	43 200.00	518.40
J:3.2.1	100mm pair brass butt hinges (48nr)	48	gnr	120	5 760.00	2 400.00	28.80
J:6.1	Allow a provisional sum for transportation of metal doors, windows and ironmongery to site		Item		60 000.00		
	COMPONENTS Carried to Summary				6 998 860.00	344 750.00	4 137.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	K: FITTINGS AND FIXTURES						
K:1.1.1.0	STEEL BURGLARY BARS						
K:1.1.1.1	2400x1500mm Sliding windows, with 25x25x3600mm long hollow square on vertical and horizontal grills; (Local Steel) (4nr)	57	lengths	1 600	91 371.11	3 200.00	80.00
K:1.1.1.2	1800x1500mm Sliding windows, with 25x25x3600mm long hollow square on vertical and horizontal grills; (Local Steel) (4nr)	44	lengths	1 600	70 502.40	3 200.00	80.00
K:1.1.1.3	1500x1500mm Sliding windows, with 25x25x3600mm long hollow square on vertical and horizontal grills; (Local Steel) (24nr)	220	lengths	1 600	352 512.00	19 200.00	480.00
K:1.1.1.4	1200x1200mm Sliding windows, with 25x25x3600mm long hollow square on vertical and horizontal grills; (Local Steel) (3nr)	18	lengths	1 600	28 200.96	2 400.00	60.00
K:1.1.1.5	900x600mm Sliding windows, with 25x25x3600mm long hollow square on vertical and horizontal grills; (Local Steel) (16nr)	35	lengths	1 600	56 401.92	12 800.00	320.00
K:1.1.1.6	Aluminium horizontal louvres complete matching Aluminium angle frame with insect screen net and all necessary fittings and accessories ; including lugging, pinning and pointing in lugs to blockwork or concreterwork and pointing all round both with approved mastic	111	lengths	1 200			
K:1.1.1.7	Stainless steel C.H.S balustrades at staircase area or approved equal to the later specification of the Architect	24	m	2 500	60 000.00	28 800.00	720.00
K:1.1.1.8	Stainless steel C.H.S balustrades at lobby and balcony areas or approved equal to the later specification of the Architect	26	m	2 500	65 000.00	31 200.00	780.00
K:1.1.1.9	"Maple" or other approved equal; Base Cabinet overall size 6270x820x550mm high complete with matching screws and all necessary accessories	4	nr	197 505	790 020.00	50 000	1 250.00
K:1.1.1.10	"Maple" or other approved equal; Drawer unit overall size 450x820x550mm high complete with matching screws and all necessary accessories	4	nr	56 000	224 000.00	50 000	1 250.00
K:1.1.1.10	"Maple" or other approved equal; Column Unit overall size 600x2160x550mm high complete with matching screws and all necessary accessories	4	nr	58 800	235 200.00	50 000	1 250.00
	To Collection				1 973 208.39	250 800.00	6 270.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
K:1.1.1.11	"Granite top" or other approved equal; overall size 6270x600x20mm high complete with matching screws and all necessary accessories	4	gnr	131 670	526 680.00	38 000	950.00
K:1.1.1.12	"Maple" or other approved equal; Upper Cabinet overall size 5270x680x32mm high complete with matching screws and all necessary accessories	4	gnr	166 005	664 020.00	50 000	1 250.00
K:1.1.1.13	"Maple" or other approved equal; Store Shelf overall size 3330x2100mm high complete with matching screws and all necessary accessories	4	gm ²	24 476	97 902.00	50 000	1 250.00
K:1.1.1.14	"Cherry" or other approved equal; Guest Wardrobe overall size 1500x2100mm high complete with drawers units and mirror fix with matching screws and all necessary accessories	4	gnr	120 225	480 900.00	50 000	1 250.00
K:1.1.1.15	"Cherry" or other approved equal; Master Wardrobe overall size 2200x2100mm high complete with drawer units and mirror fix with matching screws and all necessary accessories	4	gnr	237 900	951 600.00	50 000	1 250.00
K:1.1.1.16	"Cherry" or other approved equal; Bedroom Wardrobe overall size 2500x2100mm high complete with a drawer units and mirror fix with matching screws and all necessary accessories	8	gnr	186 375	1 491 000.00	100 000	2 500.00
K:1.1.1.17	"Cherry" or other approved equal; Glass cover Shelf overall size 1270x2100mm high complete with matching screws and all necessary accessories	4	gm ²	34 227	136 906.00	50 000	1 250.00
K:1.1.1.18	"Cherry" or other approved equal; Open Shelf overall size 750x2100mm high complete with matching screws and all necessary accessories	8	gm ²	22 050	176 400.00	100 000	2 500.00
K:1.1.1.8	Allow a provisional sum for transportation of hollow section steel bars to site		Item		25 000.00		
	To Collection				4 550 408.00	488 000.00	12 200.00
	COLLECTION						
	Page 2/13				1 973 208.39	250 800.00	6 270.00
	Page 2/14				4 550 408.00	488 000.00	12 200.00
	FITTINGS AND FIXTURES						
	Carried to Summary				6 523 616.39	738 800.00	18 470.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	N: FINISHES						
	INSITU FINISH; CEMENT AND SAND(1:3) PLAIN RENDERING					732 260.00	7 322.60
N:1.1.1	50kg bag of cement (Dangote)	466	gnr of bags	1 450	675 799.82		
N:1.1.2	Soft sand (open Market)	16	3.81m ³ /trips	7 000	111 976.97		
	INSITU FINISH; CEMENT AND SAND (1:3) BED AND BACKING					273 866.00	2 738.66
N: 2.1.1	50kg bag of cement (Dangote)	500	gnr of bags	1 450	724 851.75		
N: 2.1.2	Soft sand (open Market)	17	3.81m ³ /trips	7 000	120 104.65		
	WALL TILING						
N:1.1.1	150x150x5mm thick ceramic wall tiles; (Royal) (457m ²)	11	44 Pieces/crates	3 450	36 573.61	68 595.00	685.95
N:7	FIXING ACCESSORIES						
N:7.1	25kg bag of white adhesive cement (Bird White)	14	gnr bags	2 500	33 790.83		
	FLOOR TILING						
N:2.1.1	300x300x8mm thick Marble floor tiles; (Royal) (951m ²)	86	11 Pieces/carton	3 200	276 683.64	237 775.00	13 146.00
N:7.1	25kg bag of white adhesive cement (Bird White) for marble floor tiles	110	gnr bags	2 500	275 602.84		
N:2.1.1	250x250x8mm thick Vitrified ceramic floor tiles; (Royal) (66m ²)	4	16 Pieces/carton	1 550	6 521.63	16 500.00	1 121.83
N:7.1	25kg bag of white adhesive cement (Bird White) for vitrified floor tiles	5	gnr bags	2 500	13 411.41		
	CEILING SHEETS						
N:3.1.1	PLASTER OF PARIS (1045m²)					731 500.00	10 972.50
N3.1.1.1	40 kg Lafarge admixture	576	gnr of bags	2 800	1 613 254.05		
N3.1.1.2	50kg Filleas	8	Rolls	38 000	311 570.77		
N:3.1.2	Particle board ceiling; size 2400x1200x8mm thick; (Brazil)	19	nr	1 200	23 375.00	16 500.00	247.50
N:9.1	Allow a provisional sum for transportation of cement, tiles and sheet borads to site		Item		45 000.00		
	General scaffolding required for this section of work		Item				70 000.00
	FINISHES Carried to Summary				4 268 516.96	2 076 996.00	106 235.04

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	P: PAINTING						
	WALL PAINTING						
P:1.4.1	Emulsion finish coat paints; 20 litres drum size; (Berger Paint) (2432m ²)	18	Drums	12 500	219 277.03	95 450.00	954.50
P:3.10.1	Textured finish paints; 20 litres drum size; (Berger Paint) (772m ²)	5	Drums	14 500	79 293.48	58 170.00	581.70
	CEILING PAINTING						
P:2.4.1	Emulsion finish paints; 20 litres drum size; (Berger Paint) (440m ²)	10	Drums	12 500	121 013.16	81 150.00	811.50
	FASCIA BOARD AND GENERAL METAL SURFACES						
P:3.10.1	Gloss finish paints; 4 litres gallon size; (Berger Paint) (209m ²)	11	Gallons	1 750	19 672.58	14 658.00	146.58
P:5.1	Allow a provisional sum for transportation of paints to site		Item		50 000.00		
	General scaffolding required for this section of work		Item				70 000.00
	PAINTING Carried to Summary				489 256.25	249 428.00	72 494.28

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Material issue				Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
	Q: ELECTRICAL INSTALLATION						
Q: 6	EQUIPMENTS AND CONTROL GEARS						
Q:6.1	45A TP& N Earth leakage circiut breaker; (England)	8	Nr	8 500	68 000.00	12 000.00	120.00
Q:6.2	60A.; 6-way TP&N incomer; consisting 2nr 30A, 7nr 20A, 2nr 5A and 7nr spare outgoing; (England)	4	Nr	17 500	70 000.00	8 400.00	84.00
Q:6.2	60A.; 6-way TP&N incomer; consisting 1nr 45A, 2nr 30A, 5nr 20A, 2nr 5A and 8nr spare outgoing; (England)	2	Nr	17 500	35 000.00	4 200.00	42.00
Q:6.2	60A.; 6-way TP&N incomer; consisting 1nr 45A, 2nr 30A, 5nr 20A, 3nr 5A and 7nr spare outgoing; (England)	2	Nr	15 500	31 000.00	4 200.00	42.00
Q:1.1	FINAL CIRCUIT; CABLES AND WIRING						
Q:1.1.1.1	2-core 1.5mm ² PVC Copper Cable to BS 6004 table 1A; 100m/coil; (Nocaco)	12	coil	3 200	38 396.80	17 998.50	179.99
Q:1.1.1.2	3-core, 2.5mm ² PVC Copper Cable to BS 6004 table 1A; 100m/coil; (Nocaco)	9	coil	6 500	58 513.43	13 503.10	135.03
Q:1.1.1.3	3-core 4.0mm ² PVC Copper Cable to BS 6004 table 1A; 100m/coil; (Nocaco)	10	coil	8 800	88 042.24	15 007.20	150.07
Q:1.1.1.4	1Nr Single core, 3x6.0mm ² PVC Copper Cable to BS 6004 table 1A; 100m/coil; (Nocaco)	1	coil	12 000	12 005.76	1 500.72	15.01
	CONDUIT AND CABLE TRUNKING						
Q:1.1.1.5	25mm Diameter UPVC conduit pipe; 3.00m long; (Kano)	400	lengths	605	241 979.83	47 996.00	479.96
Q:1.1.1.6	20mm Diameter UPVC conduit pipe; 3.00m long; (Kano)	420	lengths	410	172 301.13	50 429.60	504.30
Q:1.1.3	CONDUIT FITTINGS; UPVC Type						
Q:1.1.3.1	75x75x50mm deep single Switch boxes (Local)	208	nr	380	79 033.41	24 957.92	249.58
Q:1.1.3.2	150x75x50mm deep pair Switch boxes (Local)	52	nr	380	19 694.13	6 219.20	62.19
Q:1.1.3.3	150x150x50mm deep single Switch boxes (Local)	4	nr	450	1 799.85	479.96	4.80
Q:1.1.3.4	Straight through boxes with 20mm diameter pipe (Local)	120	nr	90	10 799.10	14 398.80	143.99
Q:1.1.3.5	Back entry boxes with 20mm diameter pipe (Local)	116	nr	120	13 918.84	13 918.84	139.19
Q:1.1.3.6	20mm diameter Bend (Local)	140	nr	90	12 599.96	2 799.99	28.00
Q:1.1.3.7	25mm diameter Bend (Local)	168	nr	120	20 159.67	3 359.95	33.60
Q:1.1.3.8	Ceiling rose (Local)	32	nr	60	1 919.84	639.95	6.40
Q:2.3	POWER DISTRIBUTION						
Q:2.3.1	4Nr Single core, 10mm ² PVC/SWA/PVC Cable; 1000m/Drum	0.20	Drum	529 200	106 129.30	10 000.00	100.00
	To Collection				1 081 293.31	252 009.72	2 520.10

Ref/No	DESCRIPTION	Employer's/Contractors responsibility Material issue				Contractors responsibility Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
Q:5.1.1	LUMINARIES AND LAMPS						
Q:5.1.1.1	1 x 36W recessed mounted flourescent newclime type or approved equal	8	Nr	2 500	20 000.00	5 600.00	56.00
Q:5.1.1.2	1 x 100W, ceiling mounted fitting type thorn Cat No. or approved equal	64	Nr	1 900	121 600.00	44 800.00	448.00
Q:5.1.1.3	1 x 60W screw neck fitting type Cat No. or approved equal	24	Nr	1 375	33 000.00	16 800.00	168.00
Q:5.1.1.4	1 x 60W ceiling mounted recessed fitting type thorn Cat No. or approved equal	20	Nr	2 640	52 800.00	14 000.00	140.00
Q:5.1.1.5	1 x 60W wall bracket fitting type Marlin Cat No. MV219P09 or approved equal	100	Nr	750	75 000.00	40 000.00	400.00
Q:5.1.1.6	1 x 20W mirror/wall mounting with shaver's outlet enclosed, aluminium bodied, flourescent unit	20	Nr	1 568	31 360.00	8 000.00	80.00
Q:5.1.1.7	1 x 100W Bulkhead fitting (Roller) thorn Cat No. R0RLV2264L or approved equal	14	Nr	880	12 320.00	5 600.00	56.00
Q:5.1.1.8	1x 60W wall mounted bedhead reading lamp or approved equal	16	Nr	1 100	17 600.00	6 400.00	64.00
Q:5.1.1.9	Newclime High quality fan with 5-speed regulator	12	Nr	2 100	25 200.00	14 400.00	144.00
Q:5.3.1	ACCESSORIES						
Q:5.3.1.1	5Amp; 1 gang 1 way light switches; MEM or approved equal	36	Nr	750	27 000.00	5 400.00	54.00
Q:5.3.1.2	5Amp; 1 gang 2 way light switches; MEM or approved equal	48	Nr	750	36 000.00	7 200.00	72.00
Q:5.3.1.3	5Amp; 2 gang 1 way light switches; MEM or approved equal	36	Nr	750	27 000.00	5 400.00	54.00
Q:5.3.1.4	13A single switched socket outlet; MK CAT 5231 PCR or approved equal	266	Nr	600	159 600.00	39 900.00	399.00
Q:5.3.1.5	13A twin switched socket outlet; MK CAT 5232 PCR or approved equal	450	Nr	600	270 000.00	67 500.00	675.00
Q:5.3.1.6	15A switched socket outlet; MK CAT 5233 PCR or approved equal	1 308	Nr	1 200	1 569 600.00	196 200.00	1 962.00
Q:5.3.1.7	45A cooker control unit; comprised of cooker power supply point and 1nr 13A single switched socket outlet; complete with 2nr control switches and 2nr "ON/OFF" neon indicator lamps for cooker and socket outlet each; MEM or approved equal	3	Nr	3 500	10 500.00	3 600.00	36.00
Q:5.3.1.8	75W ceiling rose for water heater	20	Nr	630	12 600.00	6 000.00	60.00
	To Collection				2 501 180.00	486 800.00	4 868.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility Material issue				Contractors responsibility Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
Q:5.3.1.9	TV socket outlet; MEM or approved equal	273	Nr	750	204 750.00	40 950.00	409.50
Q:5.3.1.10	Telephone socket outlet; MEM or approved equal	273	Nr	650	177 450.00	40 950.00	409.50
Q:8.1	Allow a provisional sum for transportation of cable, conduit, luminaries, equipment and accessories to site		Item		80 000.00		
	To Collection				462 200.00	81 900.00	819.00
	COLLECTION						
	Page 2/17				1 081 293.31	252 009.72	2 520.10
	Page 2/18				2 501 180.00	486 800.00	4 868.00
	Page 2/19				462 200.00	81 900.00	819.00
	ELECTRICAL INSTALLATION CARRIED TO SUMMARY				4 044 673.31	820 709.72	8 207.10

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
	R: MECHANICAL INSTALLATION						
R:1.1.1	COLD WATER SUPPLY						
R:1.1.1.1	25mm Diameter G.I. Pipes of 6.00m long (Local) (58m)	10	gnr of lengths	1 170	11 536.20	5 220.00	104.40
R:1.1.1.2	19mm Diameter G.I. Pipes of 6.00m long (Local) (27m)	5	gnr of lengths	1 080	4 957.20	1 350.00	27.00
R:1.1.1.3	13mm Diameter G.I. Pipes of 6.00m long (Local) (98m)	17	gnr of lengths	800	13 328.00	4 900.00	98.00
R:1.1.1	EXTRA OVER G.I. PIPES						
R:1.1.1.1	90° Elbow 25x25mm Daimeter	4	nr	132	528.00	160.00	3.20
R:1.1.1.2	90° Elbow 19x13mm Daimeter	2	nr	90	180.00	80.00	1.60
R:1.1.1.3	90° Elbow 13x13mm Daimeter	137	nr	50	6 850.00	5 480.00	109.60
R:1.1.1.4	Tee 25x19x19mm Diameter	1	nr	132	132.00	40.00	0.80
R:1.1.1.5	Tee 25x13x13mm Diameter	12	nr	132	1 584.00	480.00	9.60
R:1.1.1.6	Tee 19x19x13mm Diameter	2	nr	90	180.00	80.00	1.60
R:1.1.1.7	Tee 13x13x13mm Diameter	63	nr	50	3 150.00	2 520.00	50.40
R:1.1.1.8	Socket 25x25mm Diameter	7	nr	132	924.00	280.00	5.60
R:1.1.1.9	Union Connector 19mm Diameter	4	nr	90	360.00	160.00	3.20
R:1.1.1.10	Union Connector 13mm Diameter	12	nr	50	600.00	480.00	9.60
R:1.1.1.11	Nipple 19x19mm Diameter	2	nr	90	180.00	80.00	1.60
R:1.1.1.12	Nipple 13x13mm Diameter	4	nr	50	200.00	160.00	3.20
R:1.2.1	HOT WATER SUPPLY						
R:1.2.1.1	13mm Diameter G.I. Pipes of 6.00m long (Local) (73m)	12	gnr of lengths	800	9 928.00	6 570.00	131.40
R:1.2.1	EXTRA OVER G.I. PIPES						
R:1.2.1.1	90° Elbow 13x13mm Daimeter	100	nr	50	5 000.00	4 000.00	80.00
R:1.2.1.2	Tee 13x13x13mm Diameter	16	nr	50	800.00	640.00	12.80
R:1.2.1.3	Union Connector 13mm Diameter	24	nr	50	1 200.00	960.00	19.20
R:1.2.1.4	Nipple 13x13mm Diameter	18	nr	50	900.00	720.00	14.40
R:2.1.1	PIPES ACCILARIES						
R:1.2.1.1	Non Return Valves 25mm Diameter (Italy)	12	nr	264	3 168.00	960.00	19.20
R:1.2.1.2	Non Return Valves 19mm Diameter (Italy)	3	nr	220	660.00	240.00	4.80
R:1.2.1.3	Non Retur Valves 13mm Diameter (Italy)	24	nr	190	4 560.00	1 920.00	38.40
R:1.2.1.4	Stop Cock 13mm Diamete (Italy)	20	nr	138	2 760.00	1 200.00	24.00
R:1.2.1.5	Flexible Connector 13mm Diameter (Italy)	20	nr	66	1 320.00	1 600.00	32.00
	To Collection				74 985.40	40 280.00	805.60

Ref/No	DESCRIPTION	Employer's/Contractors responsibility Material issue				Contractors responsibility Method statement and charge	
		Qty	Unit	Rate	Amount	Work Gangs(s)	Plant/Tools Items
R:1.2.1.6	100mm Diameter UPVC pipes of 6.00m long (Kano) (151m)	26	gnr of lengths	330	8 471.10	6 040.00	120.80
R:1.2.1.7	38mm Diameter UPVC pipes of 6.00m long (Kano) (37m)	6	gnr of lengths	125	786.25	1 480.00	29.60
R:1.2.1.8	32mm Diameter UPVC pipes of 6.00m long (Kano) (38m)	6	gnr of lengths	106	684.76	1 520.00	30.40
R:1.9.2.0	EXTRA OVER UPVC PIPES						
R:1.9.2.1	90° Bend 100x100mm Daimeter	7	nr	80	560.00	210.00	4.20
R:1.9.2.2	90° Bend 38x38mm Daimeter	16	nr	80	1 280.00	480.00	9.60
R:1.9.2.3	90° Bend 32x32mm Daimeter	32	nr	80	2 560.00	960.00	19.20
R:1.9.2.4	Tee 100x100x100mm Daimeter	16	nr	193	3 088.00	480.00	9.60
R:1.9.2.5	Tee 100x100x38mm Daimeter	1	nr	135	135.00	30.00	0.60
R:1.9.2.6	Tee 38x38x38mm Daimeter	2	nr	135	270.00	60.00	1.20
R:1.9.2.7	Double Branch 100x100x100mm Diameter	12	nr	193	2 316.00	600.00	12.00
R:1.9.2.8	Double Branch 100x100x38mm Diameter	12	nr	193	2 316.00	50.00	1.00
R:1.9.2.9	100mm Diameter Vent Cowl	8	nr	138	1 104.00	480.00	9.60
R:1.9.2.10	Floor Drain	24	Nr	523	12 552.00	4 800.00	96.00
R:1.9.2.11	WC connector sleeve; 100 x 100mm	20	Nr	180	3 600.00	1 000.00	20.00
R:3	SANITARY APPLIANCE/FITTINGS						
R:3.1.1	Coloured enamelled cast iron bath tub; size 1676 x 711mm or equal approved (Twyford England)	16	nr	15 000	240 000.00	40 000.00	800.00
R:3.1.2	Water closet low level suite, Twyford 'P'-trap or other approved equal; flush down type pedestal and double plastic ring seats flushing cistern; complete with all fittings and accessories or equal approved. (Twyford England)	20	nr	8 500	170 000.00	30 000.00	600.00
R:3.1.3	Wash hand basin; wall mounted; white glazed fireclay; 510 x 410mm; fixed on and including pair of galvanized mild steel cantilever brackets; complete with all fittings and accessories equal approved (Twyford England)	20	nr	4 125	82 500.00	30 000.00	600.00
R:3.1.6	Kitchen sink; double drainer; double bowl; stainless steel; 1800 x 700mm; fixed to kitchen cabinet unit (measured separately); complete with all fittings and accessories as per Engineer's specification(Twyford England)	4	nr	5 225	20 900.00	7 200.00	144.00
To Collection					553 123.11	125 390.00	2 507.80

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
R:3.1.8	Water heater; electrical; 50 litre capacity; mounted to wall with and including pair of galvanized mild steel concealed brackets; with on/off neon indicator lamp, thermostat, and temperature gauge; supply with 1200mm long 2.4mm ² PVC insulated and sheathed three-core copper cable (Ariston)	20	Nr	18 500	370 000.00	60 000.00	1 200.00
R:3.1.13	Towel rail; chrome plated steel rail and holder, screwed to wall with and including drive screws (blue Pipe)	20	Nr	990	19 800.00	10 000.00	200.00
R:3.1.12	Stainless steel soap dish fixed to wall (Local)	16	Nr	550	8 800.00	1 600.00	32.00
R:3.1.12	Toilet roll holder; stainless steel with a plastic thief proof holder fixed to wall. (Local)	20	Nr	800	16 000.00	10 000.00	200.00
R:3.0.1	Mirror; 4mm silvered float glass; 460 x 610mm with arrisded edges and mounted on wall. (England)	20	Nr	1 375	27 500.00	16 000.00	320.00
R:5	INSPECTION CHAMBER					32 000.00	640.00
E:1.1.1.2	BED AND BENCHING; (1:4) CEMENT AND SAND						
E:1.1.1.2.1	50kg bag of cement (Dangote)	6	gnr of bags	1 800	11 563.16		
E:1.1.1.2.2	Sharp sand (Open Market)	1/6	3.81m ³ /trips	18 000	2 850.72		
E:1.1.1.2.3	Gravel (Open Market)	1/4	3.81m ³ /trips	21 000	5 282.48		
E:1.1.1.2	MORTAR; (1:6) CEMENT AND SAND						
E:1.1.1.2.1	50kg bag of cement (Dangote)	1	gnr of bags	1 800	1 649.76		
E:1.1.1.2.2	Sharp sand (Open Market)	1/9	3.81m ³ /trips	18 000	1 981.84		
E:5.01.1.1.0	CONCRETE FILLING TO CAVITIES OF WALL (1m³)						
E:5.01.1.1.1	50kg bag of cement (Dangote)	4	gnr of bags	1 800	7 617.10		
E:5.01.1.1.2	Sharp sand (Open Market)	1/7	3.81m ³ /trips	18 000	2 557.17		
E:5.01.1.1.3	Gravel (Open Market)	2/9	3.81m ³ /trips	21 000	4 773.38		
	<u>INSITU FINISH; CEMENT AND SAND(1:3) PLAIN RENDERING</u>						
N:1.1.1	50kg bag of cement (Dangote)	1	gnr of bags	1 800	1 800.00		
N:1.1.2	Soft sand (Open Market)	1/8	3.81m ³ /trips	19 500	2 300.35		
	To Collection				484 475.95	129 600.00	2 592.00

Ref/No	DESCRIPTION	Employer's/Contractors responsibility				Contractors responsibility	
		Qty	Unit	Rate	Amount	Method statement and charge	Plant/Tools Items
Q:8.1	E: MASONRY(BRICK/CEMENT/MUD/GLASS/STAONE) BLOCK WALLING						
	150mm thick Filling solid sandcrete Blocks (Local)	88	nr	90	7 931.52		
	Allow a provisional sum for transportation of cable, conduit, luminaries, equipment and accessories to site		Item		120 000.00		
	To Collection				127 931.52	-	-
	COLLECTION						
	Page 2/20				74 985.40	40 280.00	805.60
	Page 2/21				553 123.11	125 390.00	2 507.80
	Page 2/22				484 475.95	129 600.00	2 592.00
	Page 2/23				127 931.52	0.00	0.00
	MECHANICAL INSTALLATION Carried Summary				1 240 515.98	295 270.00	5 905.40

SUMMARY

Ref/No	DESCRIPTION	Amount	Work Gangs(s)	Plant/Tools Items
C	EARTHWORK	316 436.74	260 230.00	39 034.50
D10	IN SITU AND PRECAST CONCRETE	4 764 612.64	420 460.00	231 253.00
D15	FORMWORK	1 326 790.69	510 384.00	127 596.00
D20	REINFORCEMENT	2 390 357.96	1 084 710.00	141 225.00
E	MANSORY (BRICK/CEMENT/MUD/GLASS/STONE) BLOCK WALLING	3 319 971.22	534 531.00	5 345.31
F	STRUCTURAL/CARCASSING TIMBER	683 698.60	359 080.00	5 386.20
G	ROOF AND SIMILAR CLADDINGS	1 365 902.00	716 680.00	7 166.80
H	WATER PROOFING	336 371.43	59 745.00	597.45
J	COMPONENTS	6 998 860.00	344 750.00	4 137.00
K	FITTINGS AND FIXTURES	6 523 616.39	738 800.00	18 470.00
N	FINISHES	4 268 516.96	2 076 996.00	106 235.04
P	PAINTING	489 256.25	249 428.00	72 494.28
Q	ELECTRICAL INSTALLATION	4 044 673.31	820 709.72	8 207.10
R	MECHANICAL INSTALLTION	1 240 515.98	295 270.00	5 905.40
COST OF BUILDING CONSITUENTS TO GENERAL SUMMARY		38 069 580.16	8 471 773.72	773 053.08

GENERAL SUMMARY		
1	MATERIALS	38 069 580.16
2	WORK GANG(S)	8 471 773.72
3	PLANT/TOOLS ITEMS	773 053.08
TOTAL TO GRAND SUMMARY		47 314 406.96

GRAND SUMMARY		
1	PRELIMINARIES AND GENERAL ITEMS	4 510 000.00
2	MAIN BUILDING	47 314 406.96
	SUB-TOTAL	51 824 406.96
	ADD: VAT 7.5%	3 886 830.52
	TOTAL CONSTRUCTION LABOUR COST	55 711 237.49