

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUBSTRUCTURE (PROVISIONAL)				
	D GROUNDWORK				
	D20 EXCAVATING AND FILLING				
A	Clearing of site of all trees, shrubs, bushes, grub up root and backfill void and including disposal of rubbish away from site.		Item		159,500.00
	Excavating				
B	Top soil for preservation 150mm average depth	290	m ²	250	72,500.00
C	Excavate trench for foundation, width > 0.30m maximum depth not exceeding 2.0m commencing from stripped level	48	m ³	1,890	90,720.00
D	Excavate pits for column bases 2m maximum depth; from 150mm below existing ground level	30	m ³	1,890	56,700.00
E	Backfilling with selected excavated material around foundation	47	m ³	700	32,900.00
	Disposal				
F	Removal of surplus excavated material away from site	31	m ³	650	20,150.00
	Laterite Filling				
G	Filling to make up level over 250mm average thick obtained off site	17	m ³	4,260	72,420.00
	Hardcore: Stone Boulders				
H	Filling to make up levels not exceeding 150mm average thick; obtained off site	33	m ³	12,600	415,800.00
J	Apply Dieldrex anti-termite solution to sides and bottom of excavation	264	m ²	250	66,000.00
K	Level and compact the bottom of excavation to receive concrete	71	m ²	350	24,850.00
	E IN SITU CONCRETE/LARGE PRECAST CONCRETE				
	E10 IN SITU CONCRETE				
	Plain In-situ; Concrete (1:3:6 - all in aggregate)				
L	Blinding bed 50mm thick, generally; poured on or against earth or unblinded hardcore	14	m ³	58,900	824,600.00
M	Ditto 50mm thick beneath column bases	1	m ³	58,900	58,900.00
	Carried to collection				1,895,040.00

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S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	E IN SITU CONCRETE/LARGE PRECAST CONCRETE				
	E10 IN SITU CONCRETE				
	<u>Reinforced; Insitu Vibrated Concrete Grade 25.5; developing minimum 25.5N/mm² work strength in 28 days</u>				
A	Columns generally	1	m ³	111,400	111,400.00
B	Column base	9	m ³	111,400	1,002,600.00
C	Beds 150mm thick reinforced concrete bed and steps	20	m ³	111,400	2,228,000.00
D	Reinforced concrete foundation footing	11	m ³	111,400	1,225,400.00
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	<u>Reinforcement; High yield steel reinforcement to BS 4449 grade 250</u>				
E	Bars 10-16mm diameter nominal sizes	1649	kg	1,290	2,127,210.00
	<u>Reinforcement; Fabric mesh to B.S. 8110</u>				
F	Fabric type A142; weight 2.22kg/m ² ; measured nett with minimum 300 lap at joints	129	m ²	2,860	368,940.00
	E20 FORMWORK FOR IN SITU CONCRETE				
	<u>Formwork; Marine plywood formwork</u>				
G	Sides of column bases	31	m ²	12,100	375,100.00
H	Sides of column	25	m ²	12,100	302,500.00
J	Edges of bed, 150mm high	52	m	1,800	93,600.00
	F MASONRY				
	F10 BRICK/BLOCK WALLING				
	<u>Blockwork; Hollow sandcrete blockwork in cement mortar (1:6) filled solid with concrete</u>				
K	Walls 225 thick	115	m ²	25,500	2,932,500.00
	Carried to collection				10,767,250.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	J WATERPROOFING				
	<u>J10 SPECIALIST WATERPROOF RENDERING</u>				
A	<u>Cement and Sand (1:1) damp proof course</u> 50mm Damp proof course 230mm wide	87	m	2,600	226,200.00
	<u>J40 FLEXIBLE SHEET TANKING/DAMP PROOF MEMBRANES</u>				
B	<u>Clear Polythene Sheet damp proof membrane (1000g/m2)</u> 1000mm gauge damp proof membrane, laid on blinding	129	m2	220	28,380.00
	<u>M20; PLASTERED/RENDERED/ROUGHCAST COATINGS</u>				
C	<u>Render; cement and sand (1:3) rendering</u> <u>Walls</u> over 300 wide; to concrete or blockwork, externally	28	m2	4,300	120,400.00
	<u>M60 PAINTING/CLEAR FINISHING</u>				
D	<u>Painting render; prepare, float, prime and apply one undercoat wall primer and two finishing coats of Satin Paint Finish - One undercoat and 2 finishing coats of Dulux© or any equivalent approved paint to:</u> Walls; over 300 girth; to floated surfaces	28	m2	3,250	91,000.00
	<u>POP floating: screeding to surface of rendered wall internally and externally</u>				
E	<u>Walls</u> over 300mm girth, including width; to concrete or blockwork	28	m2	1,560	43,680.00
	Carried to collection				509,660.00
	Collections				
	Main Building/Pg 1				1,895,040.00
	Main Building/Pg 2				10,767,250.00
	Main Building/Pg 3				509,660.00
	Substructure				
	Carried to summary				13,171,950.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FRAME				
	E IN SITU CONCRETE/LARGE PRECAST CONCRETE				
	E10 IN SITU CONCRETE				
	<u>Reinforced; Concrete Grade 25.5; developing minimum 25.5N/mm² work strength in 28 days</u>				
A	Columns	5	m ³	111,400	557,000.00
B	Beams	6	m ³	111,400	668,400.00
	E20 FORMWORK FOR IN SITU CONCRETE				
	<u>Formwork; Marine plywood formwork</u>				
C	Ditto; sides of column	86	m ²	12,100	1,040,600.00
D	Sides and soffit of beams	77	m ²	12,100	931,700.00
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	<u>Reinforcement; High yield reinforcement to BS 4449 grade 410</u>				
E	Bars 20-8mm diameter nominal sizes	2160	kg	1,290	2,786,400.00
	Frame				
	Carried to Summary				5,984,100.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	UPPER FLOOR				
	E IN SITU CONCRETE/LARGE PRECAST CONCRETE				
	E10 IN SITU CONCRETE				
	<u>Reinforced; Concrete Grade 25.5; developing minimum 25.5N/mm² work strength in 28 days</u>				
A	Slabs not exceeding 150mm thick	23	m ³	111,400	2,562,200.00
	E20 FORMWORK FOR IN SITU CONCRETE				
	<u>Formwork; Marine plywood formwork</u>				
B	Soffit of suspended slab	123	m ²	12,100	1,488,300.00
C	Edges of suspended slabs not exceeding 150mm high	66	m	1,815	119,790.00
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	<u>Reinforcement; High yield reinforcement to BS 4449 grade 410</u>				
	<u>Bars</u>				
D	Bars 12mm-10mm diameter nominal sizes	3611	kg	1,290	4,658,190.00
	Upper floor Carried to Summary				8,828,480.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ROOF				
	E IN SITU CONCRETE/LARGE PRECAST CONCRETE				
	E10 IN SITU CONCRETE				
	Reinforced; Concrete Grade 25.5; developing minimum 25.5N/mm ² work strength in 28 days				
A	Reinforced concrete roof beam	5	m ³	111,400	557,000.00
B	Ditto; ribbed slab	2	m ³	111,400	222,800.00
C	Ditto; Copping	1	m ³	111,400	111,400.00
D	Ditto; Concrete facia	3	m ³	111,400	334,200.00
	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork; Marine plywood formwork				
E	Sides of roof beam	43	m ²	12,100	520,300.00
F	Sides and soffits of ribbed slab	16	m ²	12,100	193,600.00
G	sides and soffits of copping	15	m ²	12,100	181,500.00
H	Side and soffits of concrete facia	14	m ²	12,100	169,400.00
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement; High yield reinforcement to BS 4449 grade 410				
	Bars				
J	Bars 16-8mm diameter nominal sizes	1727	kg	1,290	2,227,830.00
	H CLADDING/COVERING				
	H72 Aluminium strip/sheet coverings/flashings				
	0.55mm gauge Queensway long span stucco aluminium roofing sheets or other approved fixed in accordance to manufacturer's instruction with minimum 150mm side lapping fixed to hardwood purlins at 900c/c (measured separately)				
K	Pitch 30 degrees	168	m ²	14,700	2,469,600.00
L	Flashings, 600mm girth	44	m	8,820	388,080.00
	ENTRANCE DOOR CANOPY				
L	Steel pergola with polycarbonate roofing over entrance door to architects instructions	1	sum	750,000	750,000.00
	Carried to Collection				8,125,710.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	STRUCTURAL STEEL WORK				
	THE FOLLOWING ROOF TRUSSES				
	<u>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING</u>				
	<u>Treated hardwood in:</u>				
A	50x75mm Purlins	177	m	970	171,690.00
B	50x150mm Rafters	215	m	1,630	350,450.00
C	50x100mm Struts	406	m	1,030	418,180.00
D	100x150mm Ties	208	m	3,050	634,400.00
	F MASONRY				
	<u>F10 BRICK/BLOCK WALLING</u>				
	<u>Blockwork; Hollow sandcrete blockwork in cement mortar (1:6) laid in stretcher bond</u>				
E	Walls 230 thick Parapet wall	112	m2	14,400	1,612,800.00
	J41 BUILT UP FELT ROOF COVERINGS				
	<u>SBS elastomeric bituminous water proofing; Three layer 'roofing comprising Siplast primer, loose laid Perfader 'partial bonding layer, torched Paradiene 20 S and torched Parageine 30/1 - AF/GF</u>				
F	4mm thick Scudoplast TNT waterproofing membrane, on 50mm cement sand screed laid to fall	16	m2	12,500	200,000.00
	Carried to collection				3,387,520.00
	Collections				
	Main Building/Pg 6				8,125,710.00
	Main Building/Pg 7				3,387,520.00
	Roof				
	Carried to summary				11,513,230.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Stairs E IN SITU CONCRETE/LARGE PRECAST CONCRETE E10 IN SITU CONCRETE <u>Reinforced; Concrete Grade 25; developing minimum 25N/mm² work strength in 28 days</u>				
A	Staircases generally E20 FORMWORK FOR IN SITU CONCRETE <u>Formwork; Marine plywood formwork</u>	2	m ³	111,400	222,800.00
B	Sides and soffits of staircase	10	m ²	12,100	121,000.00
C	Faces of riser 150mm high E30 REINFORCEMENT FOR IN SITU CONCRETE <u>Reinforcement; High yield reinforcement to BS 4449 grade 410</u>	25	m	2,420	60,500.00
D	Bars, 16mm - 10mm diameter nominal size <u>Hand rails balustrade:</u> <u>Metal Work</u> <u>Steel handrails; comprising 40mm diameter top and bottom steel core rails and intermediate balusters, 1200mm high vertical rails at suitable centres embedded in concrete 100mm deep, complete with painting:</u>	314	kg	1,290	405,060.00
E	Stairs	15	m	65,000	975,000.00
F	Guard rails at balcony and Kitchenette <u>Staircase finishes</u> <u>20mm thick polished granite floor tiles laid on 40mm screeded bed</u>	12	m	65,000	780,000.00
G	Surface of treads	8	m ²	69,300	554,400.00
H	Faces of risers 150mm high <u>Carried to collection</u>	25	m	10,400	260,000.00
					3,378,760.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Staircase finishes cont'd				
	<u>M20; PLASTERED/ RENDERED/ ROUGHCAST COATINGS</u>				
	<u>Render; cement and sand (1:3) rendering</u>				
	<u>Sloping soffit of staircases</u>				
A	over 300 wide; to concrete; sloping soffit and sides of staircase	10	m2	4,300	43,000.00
	<u>M60 PAINTING/CLEAR FINISHING</u>				
	<u>Painting render; prepare, float, prime and apply one undercoat wall primer and two finishing coats of 'Meyer' or approved equal of emulsion paint to:</u>				
	<u>Sloping soffit of staircases</u>				
B	over 300 girth; to concrete; sloping soffit of staircase	10	m2	3,250	32,500.00
	<u>POP floating; screeding to surface of rendered wall internally and externally</u>				
C	Walls over 300 girth; to concrete; sloping soffit of staircase	10	m2	1,560	15,600.00
	Carried to collection				91,100.00
	Collections				
	Main Building/Pg 8				3,378,760.00
	Main Building/Pg 9				91,100.00
	Stairs				
	Carried to summary				3,469,860.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>External and Internal walls</u>				
	F MASONRY				
	<u>F10 BRICK/BLOCK WALLING</u>				
	<u>Blockwork; Hollow sandcrete blockwork in cement mortar (1:6) laid in stretcher bond</u>				
A	Walls 230 thick	478	m2	14,400	6,883,200.00
B	Walls 150 thick	34	m2	11,000	374,000.00
	<u>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</u>				
	<u>E10 IN SITU CONCRETE</u>				
	<u>Reinforced; Concrete Grade 25; developing minimum 25N/mm² work strength in 28 days</u>				
C	Lintels generally	5	m3	111,400	557,000.00
	<u>E20 FORMWORK FOR IN SITU CONCRETE</u>				
	<u>Formwork; Marine plywood formwork</u>				
D	Lintels rectangular,sides and soffit	64	m2	12,100	774,400.00
	<u>E30 REINFORCEMENT FOR IN SITU CONCRETE</u>				
	<u>Reinforcement; High yield reinforcement to BS 4449 grade 410</u>				
	Bars				
E	10-12 nominal size	785	kg	1,290	1,012,650.00
	<u>External and Internal walls</u>				
	Carried to summary				9,601,250.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	WINDOW				
	L WINDOWS/DOORS/STAIRS				
	L11 METAL				
	WINDOWS/ROOFLIGHTS/SCREENS/LOUVRES				
	Grey, SMI or other approved anodised aluminium curtain wall				
	window with fixed and opening panels with 6mm laminated glass				
	with coloured interlayer; complete with insect screen fitted and				
	burglars as detailed in the Architectural drawings				
	 <u>Curtain wall windows</u>				
A	Overall size 1500 x 1800mm high	2	Nr	324,000	648,000.00
B	Overall size 1000 x 1800mm high	14	Nr	216,000	3,024,000.00
C	Overall size 1000 x 1500mm high	4	Nr	180,000	720,000.00
D	Overall size 500 x 1800mm high	3	Nr	108,000	324,000.00
E	Ditto; size 750mm x 900mm high	4	Nr	81,000	324,000.00
F	Ditto; size 600mm x 900mm high	1	Nr	64,800	64,800.00
	 <u>Windows</u>				
	Carried to Summary				5,104,800.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Doors				
	L WINDOWS/DOORS/STAIRS				
	L20 TIMBER DOORS/SHUTTERS/HATCHES				
	<u>Grey, SMI or other approved anodised aluminium curtain wall window with fixed and opening panels with 6mm laminated glass with coloured interlayer; complete with insect screen fitted and burglars as detailed in the Architectural drawings</u>				
	2400x2400mm sliding door	1	Nr	691,200	691,200.00
	<u>38mm single leaf, single swing, solid core flush door fixed to manufacturer's detail complete with frames and iron-mongerries and fixing to block work or concrete work</u>				
	900 x2400mm high flush door complete with archtravings and Ironmangery with accessories	7	Nr	350,000	2,450,000.00
	750 x2400mm high flush door complete with archtravings and ironmangery with accessories	6	Nr	320,000	1,920,000.00
	<u>Supply and fix Purpose made steel door with and including iron mongery, cutting of, building - in and pinning lugs into blockwork/concrete work and treating all joints in contact with wall with mastic sealant, detail in accordance with architect's design:</u>				
A	1200x2400mm high double leaf security doors with accessories	1	Nr	596,000	596,000.00
B	900x2400mm high single leaf security doors with accessories	2	Nr	566,000	1,132,000.00
	Doors				
	Carried to Summary				6,789,200.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Wall Finishes				
	M SURFACE FINISHES				
	M20; PLASTERED/ RENDERED/ ROUGHCAST COATINGS				
	<u>Render; cement and sand (1:3) rendering</u>				
A	Walls over 300 wide; to concrete or blockwork	1248	m2	4,300	5,366,400.00
B	Reveals not exceeding 300mm wide	887	m	1,290	1,144,230.00
C	Allow for grooving, tyrolean and plaster effect decoration to surfaces of rendered wall in accordance with architect's design		Sum		2,500,000.00
	<u>Burnt brick Tiling</u>				
D	<u>Walls; External</u> Burnt brick tiles laid in stretcher bond to architects instruction	16	m2	18,500	296,000.00
	M60 PAINTING/ CLEAR FINISHING				
	<u>Painting render; prepare, float, prime and apply one undercoat wall primer and two finishing coats of 'Meyer' or approved equal of emulsion paint to:</u>				
E	General surfaces over 300 girth including narrow width	1498	m2	3,250	4,868,500.00
	<u>POP floating; screeding to surface of rendered wall internally and externally</u>				
F	General surfaces over 300 girth including narrow width	1498	m2	1,560	2,336,880.00
	Wall Finishes				
	Carried to summary				16,512,010.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Floor Finishes				
	M SURFACE FINISHES				
	<u>M40; STONE/CONCRETE/QUARRY/CERAMIC TILING/MOSAIC</u>				
	<u>Vitrified porcelain floor of approved colour BS 1281 bedded in cement mortar on and including 40mm screeded bed and pointed in white cement</u>				
	Floors				
A	1200x800x10mm Spanish grade glazed Porcelain floor tiles or any equivalent quality floor tiles laid to falls and crossfalls and to slopes not exceeding 15 degrees from horizontal; joints laid out to	235	m2	48,000	11,280,000.00
B	100mm high skirting	169	m	7,200	1,216,800.00
	<u>20mm thick polished granite floor tiles laid on 40mm screeded bed</u>				
C	Surface of treads	22	m2	69,300	1,524,600.00
D	Faces of risers 150mm high	46	m	10,400	478,400.00
	<u>Ceramic Tiling: 300x300x8mm non slip vitrified ceramic floor tiles of approved colour to BS 1281 bedded in cement mortar on and including screeded bed and pointed in white cement</u>				
	Toilets				
E	300 x 300 x 10 thick tiles to falls and crossfalls and to slopes not exceeding 15 degrees from horizontal; joints laid out to detail	23	m2	48,000	1,104,000.00
	Floor Finishes				
	Carried to Summary				15,603,800.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Ceiling Finishes				
	K LININGS/SHEATHING/DRY PARTITIONING				
	M SURFACE FINISHES				
	<u>Gypsum board suspended ceiling</u>				
	<u>600mm x 600mm x 13mm thick mineral fibre acoustics suspended ceiling on galvanized metal stud including aluminium grid to Architect's specification</u>				
A	General surfaces over 300 girth	258	m2	25,000	6,450,000.00
	M60 PAINTING/CLEAR FINISHING				
	<u>Painting render; prepare, float, prime and apply one undercoat wall primer and two finishing coats of 'Meyer' or approved equal of emulsion paint to:</u>				
B	over 300 wide; to surfaces of ceiling finishes	258	m2	2,650	683,700.00
	<u>P.O.P floating complete with angle cornice to soffit of suspended slab</u>				
C	Screeding to general surface complete with angle cornices	123	m2	1,560	191,880.00
	Ceiling finishes				
	Carried to summary				7,325,580.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELECTRICAL INSTALLATIONS				
	V11: HV SUPPLY / DISTRIBUTION / PUBLIC UTILITY SUPPLY				
	<u>Equipment</u>				
	<u>PHCN Incomer and Termination</u>				
A	Allow for connection of building to PHCN mains including supply and installation of HT concrete poles, aluminium conductor and all necessary fittings and accessories required for complete installation		Sum		5,000,000.00
	V12 LV DISTRIBUTION				
	<u>Ancillaries; Low Voltage power outlet sockets, switches and contactors as manufactured by MEM, 'MK' LOGIC SERIES or other approved; rates to include for supply, installation and accessories necessary for complete installation</u>				
	<u>Electrical Panels</u>				
B	120A - 4ways TP&N MCCB Main Distribution Panel comprising 2nr 35A outgoings, 1nr 45A and 1nr spare	1	Nr	450,000	450,000.00
C	120A TP&N change over switch	1	Nr	90,000	90,000.00
	Y61: HV/LV cables and wiring				
	<u>PVC insulated cable; NOCACO or other approved manufactured power cables</u>				
D	4C x 35mm ² PVC/SWA/PVC Armoured PVC shielded Copper cable 1000/600V insulated copper cable [NOCACO]	50	m	36,489	1,824,450.00
E	4C x 16mm ² PVC/SWA/PVC Armoured PVC shielded Copper cable 1000/600V insulated copper cable [NOCACO]	30	m	19,271	578,130.00
	Carried to collection				7,942,580.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	LIGHTING FITTINGS				
A	Cable and conduit in final circuit: Conduiting and wiring for lighting fitting point using 20mm dia PVC conduit and 2 x 1.5mm ² copper cable (NOCACO) <u>Lamps and Luminaires; Supply and install THORN manufactured or other approved Luminaires and lamps as in engineer legend drawing, with and including all accessories necessary for complete installation</u>	36	Nr	12,740	458,640.00
B	1x30W ceiling mounted, spot lighting fitting type-Philip	20	Nr	5,800	116,000.00
C	1x 25W ceiling mounted, recessed lighting fittings, type - Philip	4	Nr	5,500	22,000.00
D	1x18W ceiling mounted, spot lighting fitting type-Philip	2	Nr	4,800	9,600.00
E	1 x 40W bulkhead fittings, type - Philip	6	Nr	4,500	27,000.00
F	3-blades Ceiling Fan, 1500mm sweep, complete with regulator.	4	Nr	40,000	160,000.00
	Switches				
G	10A 1-way, 1-gang switch, type Philip	14	Nr	1,050	14,700.00
H	10A 2-way, 2-gang switch, type Philip <u>Power circuit in concealed PVC conduit using 3 x 2.5mm and 3 x 4mm cable (NOCACO)</u>	2	Nr	1,500	3,000.00
J	Conduiting and wiring for power fitting point using 25mm dia PVC conduit and 3 x 2.5mm ² NOCACO cable for 13A switch socket and extractor fans	23	Nr	27,000	621,000.00
K	Conduiting Only for power fitting point using 25mm dia PVC conduit for air conditioning	8	Nr	22,850	182,800.00
	Carried to collection				1,614,740.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>Power Accessories</u> Twin 13A switch socket outlet.	12	Nr	2,000	24,000.00
B	15A neon switch for AC, type philip	8	Nr	2,500	20,000.00
C	TV outlet, Type ABB	5	Nr	1,800	9,000.00
D	Allow for builder's work		Item		500,000.00
E	<u>TV circuit in concealed PVC conduit</u> Cable and conduit in final circuit: conduiting and wiring for TV fitting point using 20mm dia PVC conduit and shielded coaxial cable	5	Nr	12,740	63,700.00
<u>LIGHTING PROTECTION SYSTEM</u>					
<u>Supply, installation, testing and commissioning of lighting protection system comprising:</u>					
F	Allow for earthing of building and equipment complete with copper spike, earth mat, copper tape, earth rod, coupler, clamp, cow dung, charcoal and other associated works including earhwork		Sum		1,200,000.00
J	Earth mat	1	nr	12,500	12,500.00
K	10mm x 3mm copper tape	10	m	4,500	45,000.00
L	Screw down copper test clamp	1	nr	6,500	6,500.00
M	2.4m earth electrode	4	nr	5,500	22,000.00
N	Copper coupler	2	pkt	2,500	5,000.00
P	Copper conductor clamp	4	nr	6,500	26,000.00
Q	Earthing joint clip	1	nr	50,000	50,000.00
R	Termination joint clip	1	Sum		25,000.00
S	Cable lug	4	nr	1,500	6,000.00
T	Cow dung, industrial salt and charcoal	1	Sum		6,000.00
U	Excavation, backfilling and making good	1	Sum		24,000.00
V	Other installation accessories including copper clips, saddles, screw, nails etc	1	Sum		25,000.00
Carried to collection					
2,069,700.00					

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Fire Alarm Systems <u>Supply and Installation of the following fire alarm fittings</u>				
A	Optical Smoke Detector	9	Nr	18,400	165,600.00
B	Optical heat detector	1	Nr	18,400	18,400.00
C	Fire Break glass alarming system	5	Nr	15,000	75,000.00
D	Fire Alarm Bell	5	Nr	24,000	120,000.00
E	3 zones Fire Alarm Control Panel complete with 24V DC power unit rectifier tricker	1	Nr	550,000	550,000.00
F	6kg CO2 fire extinguisher	2	Nr	42,000	84,000.00
G	5kg ABC fire extinguisher	2	Nr	33,000	66,000.00
H	<u>Fire alarm circuit in concealed PVC conduit using 2 x 1.5mm² fire resistance cable (NOCACO)</u>	21	Nr	23,800	499,800.00
Carried to collection					5,718,200.00
Collections					
Main Building/Pg 17					7,942,580.00
Main Building/Pg 18					1,614,740.00
Main Building/Pg 19					5,718,200.00
Main Building/Pg 20					2,069,700.00
Electrical Installation					
Carried to summary					17,345,220.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	MECHANICAL INSTALLATION				
	Ventilating systems				
	U VENTILATION/AIR CONDITIONING SYSTEMS				
	Equipment; PANASONIC, LG, SAMSUNG, TOSHIBA, FUJITSU or other approved direct expansion packaged air Split air conditioners, comprising indoor split evaporator units and matching outdoor condensing units; complete with insulated interconnecting refrigerant lines, condensation pipes, electrical controls and all accessories necessary for complete installation; mounted on wall				
A	Split Unit, Capacity 12,000 BTU/HR	5	Nr	520,000	2,600,000.00
B	Split Unit, Capacity 24,000 BTU/HR	2	Nr	850,000	1,700,000.00
	Ventilation fans				
C	Supply & install high wall-mounted expeller fan with 360m3/hr extract capacity in the toilets. Make: Xpelair or approved equal.	3	No	45,000	135,000.00
	SANITARY APPLIANCES/FITTINGS				
	Colours of fixtures and appliances shall be white except otherwise specified by the architect to match Architect's colour schedule.				
	SANITARY FIXTURES & ACCESSORIES				
	Fixtures from TYWFORD latest Sanitary ware catalogue have been selected as the basis for tendering or offering acceptable alternatives.				
D	Close coupled Water closet : TYWFORD complete with: Toilet Seat and Cover Close coupled Cistern Chrome Plated push-button Horizontal Outlet And all necessary accessories (WC)	5	No.	620,000	3,100,000.00
E	Wall mounted wash basin : TYWFORD with one centre taphole, comprising chrome plated basin pillar tap with chrome plated push type basin waste, 32mm chrome plated Bottle p-trap with 75mm seal and chrome plated flexible connector. (WHB)	5	No.	125,000	625,000.00
	Carried to collection				8,160,000.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SANITARY FIXTURES & ACCESSORIES Cont'd				
	<u>TOILET ACCESSORIES</u>				
A	Wall Mirror Pilkington Silvered Coated Glass Mirror screw to wall	5	No.	8,000	40,000.00
B	Toilet Roll Holder chrome plated toilet roll dispenser with hood.	5	No.	3,500	17,500.00
C	Soap Dish Chrome-plated soap dish for fixing in the toilets with concealed screws.	5	No.	3,500	17,500.00
D	Anal Spray Stainless steel hand held anal spray complete with all associated fittings and accessories	5	No.	6,000	30,000.00
E	50mm Floor Drain 100(FD)	24	No.	1,500	36,000.00
	Carried to Collection				141,000.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	WATER SUPPLY PIPES & FITTINGS				
	Cold water supply pipes and fittings for the various sizes and dimensions shall be green PPR pressure pipes and with threaded fittings. The fixing and jointing shall be screw and socketed, threaded with approved jointing compound.				
	(SIZES GIVEN BELOW ARE INTERNAL DIAMETER)				
	<u>PIPES</u>				
A	25mmΦ UPVC pipes	60	m	3,000	180,000.00
B	19mmΦ UPVC Pipes	35	m	2,000	70,000.00
C	13mmΦ UPVC Pipes	20	m	950	19,000.00
	<u>FITTINGS: Tees</u>				
D	25 x 25 x 19	30	No.	600	18,000.00
E	19 x 19 x 13	8	No.	450	3,600.00
F	19 x 13 x 13	8	No.	450	3,600.00
	<u>ELBOWS</u>				
G	25mmΦ Elbow	30	No.	600	18,000.00
H	20mmΦ Elbow	18	No.	450	8,100.00
J	15mmΦ Elbow	16	No.	270	4,320.00
	<u>NIPPLES</u>				
K	25mmΦ Nipples	20	No.	600	12,000.00
L	20mmΦ Nipples	4	No.	450	1,800.00
M	15mmΦ Nipples	4	No.	350	1,400.00
	<u>SOCKETS</u>				
P	25mmΦ Socket	20	No.	600	12,000.00
Q	20mmΦ Socket	12	No.	450	5,400.00
R	15mmΦ Socket	15	No.	350	5,250.00
	<u>REDUCER</u>				
S	19x13mmΦ reducer	12	No.	850	10,200.00
	<u>VALVES AND OTHERS</u>				
T	25mmΦ Bronze Gate Valve Screwed	1	No.	6,500	6,500.00
U	25mmΦ Non Return Valve Screwed	1	No.	6,000	6,000.00
V	15mmΦ Bronze Gate Valve Screwed	1	No.	4,500	4,500.00
W	15mmΦ Flexible Connector	5	No.	3,500	17,500.00
X	Tangit gum, mait,hangers, brackets & other installation materials		Item		250,000.00
	Carried to Collection				657,170.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SOIL & WASTE DRAINAGE</u>				
	All drainage under the building and additionally where indicated on the drawings shall be UPVC pressure pipes to BS 4660. Soil, Waste and ventilating pipes as installed internally shall be UPVC pipes for above ground applications to BS 5414 c/w fittings				
A	200mmØ UPVC pipes	0	m	3,375	-
B	100mmØ UPVC pipes	150	m	2,500	375,000.00
C	50mmØ UPVC pipes	45	m	1,400	63,000.00
D	100mmØ UPVC Bend x 90°	15	No.	1,000	15,000.00
E	50mmØ UPVC Bend x 90°	15	No.	600	9,000.00
F	100mmØ UPVC equal tee	5	No.	1,300	6,500.00
G	50mmØ UPVC equal tee	8	No.	780	6,240.00
H	100mmØ UPVC WC Pan Connectors	5	No.	1,500	7,500.00
J	100mmØ UPVC Access Plug	5	No.	650	3,250.00
K	32mmØ PVC Bottle Traps	5	No.	2,500	12,500.00
L	100mmØ pipe clips	50	No.	250	12,500.00
M	100mmØ PVC Vent Cowl	6	No.	1,000	6,000.00
N	100mmØ straight sockets	50	No.	1,300	65,000.00
P	50mmØ straight sockets	15	No.	780	11,700.00
Q	100 x 50 reducer	3	No.	1,560	4,680.00
	<u>R DISPOSAL SYSTEMS</u>				
	<u>R12 DRAINAGE BELOW GROUND</u>				
	Man hole/Inspection chamber constructed on 150mm plain insitu concrete grade 15 base, 150mm hollow sandcrete blockwork sides filled solid with plain concrete and capped with 75mm thick precast concrete grade 20 cover slab reinforced with single layer BRC No. 65mesh and with 75mm thick (average) concrete grade 15 benching and forming 150mm diameter half round diameter in the same and rendering inside in water proof cement mortar (1:3) with and including all necessary excavation, earthworks and formworks				
V	Single Chamber 600mm x 600mm x 600mm deep	6	No.	35,000	210,000.00
	<u>Carried to Collection</u>				<u>807,870.00</u>

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Soakaway pit; constructed of 230mm thick solid blockwork sides built honey-combed on 450x50mm concrete grade 15 foundation and cover slab in two sections each reinforced with and including single layer BRC 65 mesh supported on 225x225mm beams reinforced with 4nr. 12mm diameter mild steel bars and 600mm wide space around the soakaway filled with galvanised iron sheets including 150mm diameter asbestos cement pipe with sawcuts at 150mm centres, with and including all necessary excavations, earthworks and formworks.</u>				
A	<u>Single Chamber</u> Size 2000mm x 2000mm x 2000mm deep <u>Septic tank; Septic tank constructed on 150mm plain insitu concrete grade 15 base, 230mm hollow sandcrete blockwork sides filled solid with plain concrete and capped with 75mm thick precast reinforced concrete grade 20 cover slab and fitted with 2nr heavy duty cast iron manhole cover and rendering inside in water proof cement mortar (1:3) with and including all necessary excavation, earthworks, reinforcements and formworks</u>	1	No.	450,000	450,000.00
B	<u>Single Chamber</u> Size 2500mm x 2000mm x 2000mm deep	1	No.	850,000	850,000.00
	Carried to Collection				1,300,000.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	EXTERNAL PLUMBING				
	<u>WATER SUPPLY, PUMPS AND FITTINGS</u>				
	<u>Borehole Drilling</u>				
A	Allow for drilling of borehole including geophysical survey, yield test and associated works, complete with submersible pump in accordance with engineer's specifications	1	No.	800,000	800,000.00
	<u>Elevated Water Storage Tank</u>				
C	Pressed steel elevated water storage tank, 5,000 litres capacity, mounted on 12m high steel stanchion (measured separately)	1	No.	1,250,000	1,250,000.00
	<u>Stanchion</u>				
D	12m high structural steel stanchion complete with accessories and including reinforced concrete base, in accordance with engineer's design	1	No.	3,000,000	3,000,000.00
F	Allow for reticulation of pipe to Main Building		Lot		250,000.00
	<u>Carried to Collection</u>				5,300,000.00
	<u>COLLECTIONS</u>				
	Main Building/Pg 20				8,160,000.00
	Main Building/Pg 21				141,000.00
	Main Building/Pg 22				657,170.00
	Main Building/Pg 23				807,870.00
	Main Building/Pg 24				1,300,000.00
	Main Building/Pg 25				5,300,000.00
	<u>Mechanical Installation</u>				
	<u>Carried to Summary</u>				16,366,040.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FENCING				
	<u>E10 IN SITU CONCRETE</u>				
	<u>Reinforced; Concrete Grade 25; in 28 days in:</u>				
A	Footing	13	m3	111,400	1,448,200.00
B	Pillars	8	m3	111,400	891,200.00
	<u>Formwork; Marine plywood formwork</u>				
C	Sides of footings	31	m2	12,100	375,100.00
D	Sides of Pillars	118	m2	12,100	1,427,800.00
	<u>Reinforcement; High yield reinforcement to BS 4449 grade 410</u>				
E	Bars, 16mm - 10mm diameter nominal size	1766	kg	1,290	2,278,140.00
	<u>Blockwork; Hollow sandcrete blockwork in cement mortar (1:6) laid in stretcher bond</u>				
F	Walls 230 thick	117	m2	14,400	1,684,800.00
G	Walls 150 thick	36	m2	11,000	396,000.00
	<u>Render; cement and sand (1:3) rendering</u>				
	<u>Sloping soffit of staircases</u>				
H	over 300 wide; to concrete; sloping soffit and sides of staircase	306	m2	4,300	1,315,800.00
	<u>Painting render; prepare, float, prime and apply one undercoat wall primer and two finishing coats of 'Meyer' or approved equal of emulsion paint to:</u>				
J	over 300 girth; to concrete; sloping soffit of staircase	306	m2	3,250	994,500.00
	<u>POP floating; screeding to surface of rendered wall internally and externally</u>				
K	Walls over 300 girth; to concrete; sloping soffit of staircase	306	m2	1,560	477,360.00
L	Allow for grooving, tyrolean and plaster effect decoration to surfaces of rendered wall in accordance with architect's design		Sum		1,000,000.00
M	Allow for fabrication and installation of Steel Sliding Gate to Architects Instruction		Sum		1,250,000.00
	Fencing				
	Carried to summary				9,396,600.00

PROPOSED RESIDENTIAL DEVELOPMENT AT AROJE/ABAA, OYO STATE.

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY</u>				
	SUBSTRUCTURE				13,171,950.00
	FRAME				5,984,100.00
	UPPER FLOOR				8,828,480.00
	ROOF				11,513,230.00
	STAIRS				3,469,860.00
	EXTERNAL AND INTERNAL WALLS				9,601,250.00
	WINDOWS				5,104,800.00
	DOORS				6,789,200.00
	WALL FINISHES				16,512,010.00
	FLOOR FINISHES				15,603,800.00
	CEILING FINISHES				7,325,580.00
	ELECTRICAL INSTALLATIONS				17,345,220.00
	MECHANICAL INSTALLATIONS				16,366,040.00
	FENCING AND GATE				9,396,600.00
	<u>MAIN BUILDING</u>				
	CARRIED TO GRAND SUMMARY				147,012,120.00