

Item	Description	Unit	Qty	Rate	KShs.	Cts
	<u>ELEMENT NO. 1</u>					
	Brought forward			KShs.		
	<u>SUBSTRUCTURES - CONTINUED</u>					
	<u>(ALL PROVISIONAL)</u>					
	<i>Plain concrete (1:4:8) in:-</i>					
A	50mm Thick blinding under foundations	SM	136			
B	Ditto but under column bases	SM	350			
	<i>Reinforced concrete class 25/20 (20mm minimum aggregate) in:-</i>					
C	Strip foundations	CM	41			
D	Columns	CM	31			
E	Column bases	CM	175			
F	200mm thick horizontal ground floor slab	SM	1,767			
G	200mm th. ramps sloping not exceeding 15 degrees from horizontal	SM	50			
	<i>Reinforcement</i>					
	<u>High yield deformed steel bar reinforcement to B.S 4449 cut, bent and placed in position including all necessary binding wire and space blocks</u>					
H	Assorted steel weights - Y8 - Y20mm diameter	KG	45,500			
	<i>Fabric reinforcement</i>					
I	Double layer of BRC mesh Ref. A252 weighing 3.50kg/sm including 200mm minimum end, side laps including stool and spacer blocks.	KG	6,185			
J	Ditto to sloping soffits of ramps	KG	151			
	<i>Sawn formwork to:-</i>					
K	Sides of strip foundations	SM	102			
L	Sides of columns	SM	277			
M	Sides of bases	SM	280			
N	Edges over 150mm but not exceeding 225mm girth	LM	211			
	Carried forward			KShs.		

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	ELEMENT NO. 1					
	SUBSTRUCTURES (ALL PROVISIONAL) - CONTINUED					
	Brought forward			KShs.		
	<u>Natural stone walling in cement and sand mortar (1:4) reinforced with 26 gauge hoop iron at every alternate course:-</u>					
A	200mm Thick rough dressed	SM	913			
	<u>Approved well compacted stone hardcore fill in layers not exceeding 150mm thick:-</u>					
B	300mm Hardcore to make up levels	SM	1,712			
C	Approved fill to make up levels in 150mm layers well watered and compacted	CM	1,026			
D	75mm thick blinding layer to hardcore	SM	1,712			
E	"Gladiator" or other equal and approved insecticide to blinded hardcore surfaces and bottoms of foundation; the Contractor shall be required to give a termite-free ten year guarantee	SM	1,712			
	<u>Damp proof course and membrane</u>					
F	Horizontal single layer of polythene sheeting gauge 1000 under concrete bed including end and side laps	SM	1,712			
G	200mm Damp proof course	LM	170			
	<u>Sundries</u>					
	<u>Cement:sand 1:3 render to:-</u>					
H	15mm Render to plinths	SM	102			
I	Prepare ad apply three coats of black bituminous paint on rendered surfaces	SM	102			
	<u>Expansion joints</u>					
J	Construction joints in walls with and including 15 x 20mm recess fitted in with epoxy mortar 175mm thick.	LM	86			
K	25mm thick expansion joint filler between Surfaces, width 400mm	LM	86			
L	Cut back edge of 25mm filler for a depth of 12mm and point with polysulphide mastic joint sealant	LM	86			
	Carried forward			Kshs.		

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	ELEMENT NO. 1					
	SUBSTRUCTURES (ALL PROVISIONAL) - CONTINUED					
	Brought forward			KShs.		
	Precast concrete paving slabs					
A	Paving in generally 600 x 600 x 50mm thick slabs jointed and grouted up in cement sand (1:3) mortar including 50mm bed of sand	SM	72			
	<u>Metal grating</u>					
B	Metal grating comprising 50 x 50 x 3mm angle frames fixed to concrete with lugs, 50 x 3mm plate framing all round and 16mm diameter square twisted bars welded both ends to the framing at 50mm centres include one coat of workshop primer and three coats oil paint after fixing; overall width 550mm	LM	120			
	<u>Statutory Approvals</u>					
C	Allow the Prime Cost Sum of Kshs 4,000,000 for complete drawings (Architectural, Structural, M & E services and detail drawings) ALL STATUTORY APPROVALS from County Council, Supervision by Structural Engineer and to be expended with Projects Manager's approval.	SUM	4,000,000			
D	Add to profit	%				
	ELEMENT NO. 1					
	SUBSTRUCTURES					
	TOTAL CARRIED TO SECTION SUMMARY				KSHS.	

Item	Description	Unit	Qty	Rate	KShs.	Cts
ELEMENT NO. 3						
WALLING						
<u>Fine chisel dressed (two sides) Blue Njiru walling in cement and sand mortar (1:3)</u>						
A	200mm Thick stone walls (externally)	SM	515			
<u>Machine cut stone walling in cement and sand mortar (1:3) reinforced with and including 25mm wide 26 gauge hoop iron at alternate courses</u>						
B	200mm Thick walls (internally)	SM	275			
C	100mm Ditto	SM	38			
<u>Precast concrete louvred vent blocks in cement sand mortar</u>						
D	200mm Thick walling	SM	513			
<u>Precast concrete fair faced on all exposed surfaces</u>						
E	300 x 75mm Copings weathered and throated	LM	172			
<u>Aluminium Partitions</u>						
F	100mm Thick partition comprising 100 x 50 x 2mm thick powder coated aluminium framings, vertical ones at approximately 1200mm centres and three horizontal ones; filled in with 20mm thick double layers of non-scratch veneered MDF upto 1000mm high from the floor, the upper 1400mm panels filled in 5mm thick clear sheet glass including aluminium glazing beads and all necessary anti-vibration leather gaskets, overall height 2700mm	SM	108			
G	Supply and fix approved decorative film to glazed partitions	SM	108			
ELEMENT NO. 3 TOTAL CARRIED TO SECTION SUMMARY						
				KSHS		

Item	Description	Unit	Qty	Rate	KShs.	Cts
	<u>ELEMENT NO. 4</u>					
	<u>ROOFING</u>					
	The following in framed steel work to B.S 449 including 2 coats of red oxide primer after fixing, holes, bolts all joints welded at least 6mm fillet welds; all exposed ends of hollow sections to blanked with 3mm thick plates hoisted 6.0m, all as shown in the Structural Engineer's drawings - Contractor to provide shop drawings for the Structural Engineer's approval.					
A	Portal rafters size 533 x 210 x 82kg/m . (11 No.)	LM	400			
	<u>Zed purlins</u>					
B	150 x 50 x 20 x 2mm zed purlins	LM	2,000			
C	12mm diameter Anti-sag rods	LM	2,700			
D	Diameter 20mm fixing bolts	NO	300			
E	75 x 75 equal angles	LM	2,500			
	Supply and fix 0.50mm thick 24 Gauge "ZAS" IT5 box-profile and prepainted sheets laid with 94mm minimum side laps and 200mm minimum end laps to steel purlins with and including steel hook bolts with rubber capping, washers and nuts all as per Manufacturer's instructions					
F	Sheets	SM	900			
G	Ditto translucent	SM	900			
H	Ditto close fitting ridge to match profile of sheets	LM	111			
	<u>Roof Insulation</u>					
I	Supply and fix 50mm thick phenolic insulation boards with blue steel sheet reinforcement on both sides to roof structure complete with all necessary fixing accessories or any other equal and approved insulation material to the underside of the curved roof covering	SM	1,800			
	<u>Rain Water Goods</u>					
	<u>Gutters</u>					
J	Supply and fix 4mm thick galvanised mild steel gutter, 1530mm girth, bent four times to form gutter, fixed onto and including cleats and bolts fixed to steel members	LM	100			
K	250mm Diameter 2mm thick mild steel down pipe fixed onto concrete members with and including galvanised mild steel holder bats, jointed to concrete.	LM	132			
L	Extra over gutter for stopped ends	No.	4			
M	Ditto 200mm diameter outlets	No.	22			
	Carried forward			Kshs.		

Item	Description	Unit	Qty	Rate	KShs.	Cts
	ELEMENT NO. 7					
	WINDOWS					
	<u>Supply and fix the following steel casement windows with permanent ventilation along the full length; finished with one coat red oxide primer, complete with 75mm long heavy duty hinges 300mm long heavy duty window stays duty brass fasteners; including cutting, fixing lugs to walling and bedding all round frame in cement and sand mortar (1:3)</u>					
A	Casement window size 3600 x 1200mm high with 2 No. top hang lights lights	NO	1			
B	Ditto size 1800 x 1200mm	NO	11			
C	Ditto size 1200 x 1200mm	NO	1			
D	Ditto size 1200 x 900mm	NO	8			
E	Ditto size 900 x 600mm	NO	1			
	<u>Glass and glazing to metal frame with putty</u>					
F	4mm Thick clear glass in small panes	SM	9			
G	Ditto Obscure glass	SM	9			
	<u>Glass blocks</u>					
H	75mm Thick glass blocks	SM	15			
	<u>Precast concrete class 20/20 vibrated</u>					
I	200 x 35mm (Average) Thick window cill pointed and jointed in cement and sand mortar (1:4), weathered and throated	LM	50			
	<u>Prepare, touch up primer and apply one undercoat and two finishing coats gloss paint on metal;</u>					
J	Glazed casement windows (measured flat overall both sides)	SM	40			
	<u>Vertical blinds comprising 125mm wide synthetic strips complete with 25mm rails with and including fittings</u>					
K	Blinds fixed to concrete beams (total length 30 x 2.10 metres high)	SM	30			
	<u>Wrought Mahogany or other equal and approved hardwood</u>					
L	100 x 25mm Window boards with two labours and rounded edges plugged to walls	LM	50			
	<u>Prepare and apply one coat wood preservative to backs of wood before fixing</u>					
M	Surfaces not exceeding 100mm girth	LM	50			
	<u>Prepare and apply three coats polyurathene clear varnish to woodwork</u>					
N	Surfaces 100 - 200mm girth	LM	50			
	ELEMENT NO. 7					
	WINDOWS					
	TOTAL CARRIED TO SECTION SUMMARY					
				KSHS		

Item	Description	Unit	Qty	Rate	KShs.	Cts
	ELEMENT NO. 8					
	DOORS					
	<u>Precast concrete mix 1:2:4 - 20mm aggregate as described</u>					
A	200 x 200mm High lintel reinforced with and including 4 No. 12mm diameter mil steel bars and 6mm diameter steel links at 150mm centres	LM	40			
B	Ditto 150 x 200mm ditto	LM	12			
	<u>Flush doors as described</u>					
C	50mm thick solid core flush door size 900 x 2050mm high with internal quality plywood including hardwood lipping all round	NO	7			
D	Ditto size 800 x 1900mm high	NO	7			
E	50mm Thick louvred door comprising 100 x 50mm stiles infilled with 50 x 25mm horizontal louvres overall size 900 x 2000mm high	NO	3			
	<u>Doors, frames and finishings in wrought mahogany or other equal and approved hardwood</u>					
F	50mm Thick one hour fire rated panel door size 1050 x 2100mm high with 2 No.900 x 200mm openings glazed with and including 6mm thick Georgian wired glass with timber glazing beads	NO	2			
G	50mm Thick double equalled panelled door size 1,948 x 2100mm high with one opening for glazing size 200 x 900mm glazed with and including 6mm thick frosted glass with timber beadings	NO	2			
	<u>Wrot Mahogany as described</u>					
H	150 x 50mm (Ex) Frame with three labours	LM	65			
I	200 x 50mm Frame with 2 labours plugged	LM	15			
J	100 x 50mm Ditto	LM	28			
K	45 x 25mm Architraves with three labours	LM	210			
L	25 x 20mm Glazing beads	LM	10			
	<u>Clear sheet glass</u>					
M	6mm Glass and glazing to wood with glazing beads in panes 0.10 - 0.50 square metres	SM	1			
	<u>Metal sliding doors</u>					
N	50mm Thick sliding door size 5,000 x 2,400mm high comprising 150 x 50 x 3mm RHS stiles, top , 4No middle rails and 10No vertical supports, all covered with 16 gauge sheets welded to framework complete with 150 x 75mm U-shaped sliding track consisting of 5mm thick flats and 50 x 75 x 3mm RHS track rail; stainless steel rollers and guide posts and stoppers and three coats gloss paint all to Architect's approval	NO	2			
	Carried forward				KShs.	

Item	Description	Unit	Qty	Rate	KShs.	Cts
	ELEMENT NO. 8					
	DOORS - (CONTINUED)					
	Brought forward			KShs.		
	<u>Ironmongery</u>					
	<u>Supply and fix the following ironmongery with matching screws; all as per Legge catalogue (where applicable) or equal and approved</u>					
A	100mm Heavy duty mild steel butt hinges	NO	62			
B	40mm Diameter rubber door stopper plugged to concrete slab	NO	16			
C	3-Lever mortice lock as Legge No. 1062 complete with aluminium furniture	NO	4			
D	2-Lever mortice lock	NO	4			
E	Ditto with rebated fore-end	NO	1			
F	Set of solid stainless steel lever handle furniture	NO	9			
G	Panic bolt for single fire door	NO	2			
H	Indicator bolt	NO	7			
I	Overhead door closer as Union no7724 or other equal and approved	NO	8			
J	Disabled thumb turn and release	NO	2			
K	Male symbol	NO	2			
L	Female symbol	NO	2			
M	Fire Door symbol	NO	2			
N	Disabled WC symbol	NO	2			
O	Buffered coat / hat hook	NO	9			
P	800 x 200 x 3mm Thick stainless steel kick plate	NO	14			
	<u>Painting and decoration</u>					
Q	Sand prepare and apply three coats clear varnish to timber door surfaces	SM	96			
R	Ditto frame over 100 but not exceeding 200mm girth	LM	135			
S	Ditto not exceeding 100mm girth	LM	270			
T	Prime backs of frames not exceeding 100mm girth	LM	270			
U	Ditto frame over 100 but not exceeding 200mm girth	LM	135			
	Carried forward			KShs.		

Item	Description	Unit	Qty	Rate	KShs.	Cts
	ELEMENT NO. 9					
	JOINERY FITTINGS - (ALL PROVISIONAL)					
	Reception Counters					
A	Circular reception counter overall size 2831 mm diameter x 600mm wide x 1100mm high comprising 100mm thick plinth in 1:3:6 concrete finished in screed (1:4); 750mm high x 20mm thick particle board covered in non scratch laminate and fixed on 75 x 50mm wrot cypress studs at 600mm centres; 600mm wide particle board shelf; 20 mm thick x 600mm wide granite writing top and serving top; 300mm high x 20mm thick polished granite fascia with nosed edges fixed on 25mm thick blockboard; granite tops fixed on 50 x 50mm wrot cypress bearers place at 600mm centres; 100mm hardwood skirting varnished; perspex illumination panel all as per the Engineer's drawing.	NO	2			
	Perimeter Cabinets					
B	Low level cabinet comprising 25mm thick blockboard back and divisions at approximately 1,000mm, 25mm thick wrought hardwood top for polishing, 25mm thick wrought cypress sliding front panels, 50 x 50mm wrought cypress top, bottom front and rear vertical framings at approximately 500mm centres, top and bottom sliding track gear including 100mm thick mass concrete(1:3:6) finished smooth in cement sand (1:3) screed, overall size 500mm wide x 850mm high	LM	10			
	The following in 1No. kitchen base cabinets					
C	Build kitchen cabinet using 50mm thick 1;2;4 concrete reinforced with BRC ref A142 for top, sides and partitions; cover top and exposed sides with 150mm white glazed tiles in requisite adhesive and fix sink (measured separately) appropriately including new flex tubes, traps and chain and plug; 3/4" MDF Boards internal partitions,shelves doors complete with piano hinge and 50mm CP aluminium D handles, CP knobs, all to clients approval and including 2 coats 1st quality paint on exposed MDF boards overall size 10,000 x 600mm.	NO	1			
D	Ditto top cabinets overall length 10,000 x 600mm in 32mm MDF boards complete with all necessary bracings, shelving, 100mm stainless D handles, Malpa hinges, magnetic ball catchers all to clients approval and including 2 coats 1st quality paint on exposed MDF boards	NO	1			
	Strong room shelvings 40 x 40mm Galvanised weldmesh welded to RHS to RHS frames (All Provisional)					
D	Shelves and divisions	SM	47			
E	450 x 800mm High doors complete with 25 x 25 x 2mm RHS frames, stiles and rails, locking accessories	NO	2			
	Carried forward			KShs.		

