

PROPOSED POLICE ADMINISTRATIVE UNIT

BUILDER'S WORK

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	ELEMENT NO 1:SUBSTRUCTURE (ALL PROVISIONAL)				
	<u>Site Clearance</u>				
A	Clear the site of all bushes and small trees n.e 600mm girth including grabbing up roots and burn the arising debris	SM	85		
	<u>Excavation and earthworks</u>				
B	Strip the top soil to remove vegetable soil average depth 150mm deep and remove from site as directed	SM	85		
C	Excavate to reduced levels commencing from stripped level average 150 mm	SM	85		
D	Excavate to foundation trenches starting from reduced levels depth not exceeding 1.5m	CM	66		
E	Ditto but to column bases	CM	3		
E	Load and cart away excavated material from site as directed	CM	20		
F	Return fill and rum selected excavated material	CM	49		
	<u>Fillings</u>				
I	400mm thick well compacted hardcore in stages of 150mm thick to engineer's satisfaction	SM	79		
J	300mm thick murrum blinding to well compacted hardcore	SM	85		
	<u>Anti-termite treatment</u>				
K	Treatment of murrum surfaces with insecticide make of gladiator to architect's approval	SM	46		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>Concrete works</u>				
	<u>Mass concrete class 15 (1:4:8) to:</u>				
A	trenches	SM	44		
B	Ditto but to column bases	SM	2		
	<u>Vibrated Reinforced concrete class 25/20 (1:2:4) to:</u>				
C	Strip footing	CM	9		
D	Reinforced concrete wall	CM	7		
E	Column bases	CM	1		
F	Starter columns	CM	1		
G	200mm thick ground floor slab	SM	85		
	<u>Sawn Cypress Formwork to:</u>				
H	Sides of starter columns	SM	6		
I	Sides of reinforced concrete wall	SM	74		
J	Edges of slab girth 150-225mm	LM	42		
	<u>Reinforcement</u>				
	<u>Bars :High Yield Steel:Worked to BS 4461 Including Bends:Hooks:Tying wire :</u>				
L	12mm diameter bars	KG	470		
M	10mm ditto	KG	19		
N	8mm ditto	KG	95		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>Damp proofing membrane</u>				
A	1000 gauge damp proof membrane;1 no laid on compacted quarry dust blinding	SM	85		
	<u>Fabric mesh reinforcement</u>				
B	BRC mesh reinforcement weighing 2.2kg/sm no A142 measured net and allowing a minimum lap of 300mm sideways	SM	85		
	<u>Foundation walling</u>				
	<u>Smooth chisel dressed natural stone walling in cement and sand (1:3) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u>				
C	200mm thick	SM	57		
	<u>Plinth</u>				
D	20mm thick cement sand (1:3) render to plinth	SM	6		
E	Apply 2 coats of black bituminous paint to plinth	SM	6		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>COLLECTION</u>				
	Total brought forward from page 1				
	Total brought forward from page 2				
	Total brought forward from page 3				
TOTAL SUBSTRUCTURE CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	ELEMENT NO 2: SUPERSTRUCTURE <u>Walling</u>				
	<u>Hessian based bituminous felt or any other equal and approved damp proof course</u>				
A	200 mm wide damp proofing course including levelling	LM	39		
	<u>Smooth chisel dressed natural stone walling in cement and sand (1:3) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u>				
B	200mm thick external walling	SM	76		
C	Ditto but internal	SM	24		
D	Ditto but 100mm thick;internal	SM	13		
	Permanent ventilation Pair of permanent ventilation size				
E	225*225*25mm thick with and including mosquito guaze on all windows and doors	PRS	27		
F	Leave or make hole in 200mm thick wall size 225*225mm	NO	27		
	Reinforced concrete wall Formwork				
A	Sawn cypress formwork to sides /batterns of wall	SM	27		
	Concrete works				
B	Vibrated reinforced concrete class 20 (1:2:4) to columns Reinforcement	CM	13		
	<u>Bars :High Yield Steel;Worked to BS 4461 Including Bends;Hooks;Tying wire ;</u>				
C	D12	KG	126		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
A	Columns Formwork Sawn cypress formwork to sides /batterns of columns	SM	11		
B	Concrete works Vibrated reinforced concrete class 20 (1:2:4) to columns Reinforcement <u>Bars :High Yield Steel;Worked to BS 4461 Icluding Bends;Hooks;Tying wire ;</u>	CM	1		
C	D12	KG	51		
D	D8 Ring beam Formwork	KG	25		
E	Sawn cypress formwork to edges of beams	SM	55		
F	Ditto but to soffites girth 125-200mm Concrete works	LM	42		
G	Vibrated reinforced concrete class 20 (1:2:4) to ring beam Reinforcement <u>Bars :High Yield Steel;Worked to BS 4461 Icluding Bends;Hooks;Tying wire ;</u>	CM	6		
H	D12	KG	246		
I	D8	KG	165		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>COLLECTION</u> Total brought forward from page 1 Total brought forward from page 2				
TOTAL SUPERSTRUCTURE CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	ELEMENT NO 3:ROOF AND RANWATER GOODS				
	<u>Wall plate</u>				
A	150x50mm treated;well seasoned cypress wallplate bolted to ring beam with 12mm rawl bolts at 900mm c/c	LM	64		
	Trusses (All timber work is provisional) The following in pressure impregnated first grade cypress timber or any other equal and approved				
B	150X50mm Kingpost	LM	36		
C	150X50mm rafters	LM	106		
D	150x50mm tiebeam	LM	101		
E	100X50struts and ties	LM	137		
F	Ditto collar splices	LM	22		
G	50x50mm treated cypress purlins	LM	126		
	<u>The following in second grade celcured and well seasoned cypress timber</u>				
H	200x50mm cypress ridge board	LM	6		
I	200x25mm planed cypress fascia board and barge board	LM	42		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>Roof covering</u>				
	IT 5 28 gauge sheets to timber structure				
A	Roof covering fixed on purlins with rubber cap nails	SM	123		
B	28 gauge iron sheet ridge cap prepainted to match roof covering profile girth 300mm	LM	6		
	Eaves				
E	T and G timber boarding to eaves with and including 50x50mm celcured second grade and well seasoned cypress timber blandering	SM	25		
	<u>Rain water goods</u>				
	Gutters				
F	150 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centre	LM	42		
G	Ditto but for 100 mm diameter outlet	NO	5		
	Downpipe				
H	100 mm diameter galvanised iron downpipe gauge 24 fixed to wall with and including holder butts at 1000mm centres	LM	14		
I	Extra over downpipe for swanneck 1200mm long	NO	5		
J	Extra over horse shoe 300 mm long	NO	5		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	Painting and decoration <u>Knot prime and stain;prepare and apply 3 coats gloss oil paint to;</u> A Surfaces of timber girth 200-300mm <u>Prepare and apply 3 coats gloss oil paint to;</u>	LM	42		
	B General surface of metal gutters	SM	11		
	C Surfaces of down pipes	SM	4		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO 4: DOORS</u> <u>GROUND FLOOR</u>				
	<u>STEEL DOORS</u>				
	<u>Mild steel casement doors :100x50x3mm</u> <u>frame plugged to concrete or blockwork</u> <u>with 100mm long fishtailed 25x25x2mm</u> <u>thick angle section, 50x50x3mm thick</u> <u>angle section frames at 300mm centres</u> <u>both sides, angles cut and welded;panels</u> <u>infilled with glazing,one coat</u> <u>manufacturer`s primer, complete with</u> <u>all necessary ironmongery ; all welding</u> <u>ground to smooth finish</u>				
A	Double swing door;overall size 1500x2400mm high;(D1), including 3 pairs 150mm long purpose made hinges; 5 lever union lock (m/s) and 1No 300mm aluminium door handle (m/s) ; all welded	NO	1		
B	Ditto single swing;overall size 900x2400mm high (D2)	NO	6		
	<u>Painting and Decorations</u>				
	<u>Prepare and apply one coat etching</u> <u>primer,one undercoat and 2 coats gloss</u> <u>oil paint to Crown Solo or other equal</u> <u>and approved to steel doors surfaces:-</u>				
C	Internally	SM	17		
D	Externally	SM	17		
	<u>Glazing</u>				
E	4mm thick obscure glazing on approved putty cut at 45 degrees to architect's approval	SM	2		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	TIMBER DOORS				
	<u>Wrot cypress framed frames and framings</u>				
A	100x50mm rebated plugged door frame	LM	12		
B	50x20mm architrave with 2 labours	LM	12		
C	20mm quadrant	LM	12		
D	15x15mm beading	LM	4		
E	150x50mm rebated transome	LM	2		
	<u>45mm thick semi solid core flush door to BS459; part 2 veneered both sides with internal quality plywood and lipped on all edges</u>				
F	Single leaf door(D3) size 800x2100mm high	NO	2		
	<u>Iron mongery</u>				
	<u>Supply and fix the following to UNION catalogue or other equal and approved</u>				
H	Steel door clamps	NO	12		
I	100mm pressed steel butt hinges	PRS	3		
J	3 lever mortise lock complete with all handles to architect`s approval	NO	2		
K	Plastic door stopper	NO	2		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
A	<p>Glazing</p> <p>4mm thick clear sheet glazing in panes not exceeding 0.1sqm on approved putty to 45 degrees to architect`s approval</p> <p><u>Painting and decorations</u></p> <p><u>Knot prime and stop:Aluminium primer or other equal and approved wood primer before fixing with and including 2 finishing coats of gloss oil paint to wood surfaces</u></p>	SM	1		
B	General wood surfaces	SM	3		
C	Wood surfaces girth 100-200mm	LM	14		
D	Ditto but girth 0-100mm	LM	28		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>COLLECTION</u>				
	Total brought forward from page 1				
	Total brought forward from page 2				
	Total brought forward from page 3				
TOTAL DOORS CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<p>ELEMENT NO 5:WINDOWS <u>GROUND FLOOR</u></p> <p><u>Supply, assemble french style window and fix the following purpose-made mild steel casement windows: standard metal section from approved manufacturer complete with horizontal and vertical grid of 200 x 250mm pannels ,frames, transomes, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer: all welding</u></p>				
A	Window, overall size 1600x1400mm high	NO	1		
B	Ditto but overall size 1500x1400mm high	NO	4		
C	Ditto but overall size 1400x1400mm high	NO	2		
D	Ditto but overall size 1200x1400mm high	NO	1		
E	Ditto but overall size 1000x1400mm high	NO	4		
F	Ditto but overall size 600x600mm high <u>Window cill</u>	NO	6		
G	Precast concrete (1:2:4) window cill and including finishing well, creating a throat with one curved edge and fixing wit cement sand (1:3) mortar.	LM	25		
	<u>Window board</u>				
H	150x25mm sawn cypress planed window board fixed to wall internally	LM	19		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>Curtail rods</u>				
A	50mm Diameter brass coated curtain rods fixed with matching brackets and rings.	LM	25		
	<u>Painting and decorations</u>				
	<u>Prepare and apply three coats of oil paint full gloss to Crown Solo or other equal and approved to:-</u>				
A	General metal surfaces;over 300mm girth internal	SM	24		
B	Ditto external	SM	24		
C	Ditto but timber surface girth 200-300mm	LM	19		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>COLLECTION</u> Total brought forward from page 1 Total brought forward from page 2				
TOTAL WINDOWS CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
<u>ELEMENT NO 6 :FINISHES</u>					
<u>GROUND FLOOR</u>					
<u>Ceiling</u>					
A	10mm thick Celotex board ceiling nailed to timber brandering (m/s)	SM	79		
B	100 x 25mm Thick wrot softwood moulded cornice	LM	84		
<u>Prepare and apply three coats first grade plastic emulsion paint to:</u>					
C	Celotex ceiling surfaces	SM	79		
D	Timber surfaces not exceeding 100mm girth	LM	84		
E	Extra over celotex ceiling for trap door size 600 x 450 mm wide comprising and including 50x50mm timber framing	NO	3		
<u>Internal walls</u>					
Insitu finishes;Backings					
<u>Plaster:15mm thick 2No coat work</u> <u>.12mm first coat of cement sand (1:3) :</u> <u>3mm second coat cement and lime putty</u> <u>(1:9) steel trowelled plaster to concrete or</u> <u>blockwork base to receive painting</u>					
A	Walls and ring beam,internal	SM	98		
<u>Painting and decorations</u>					
B	Prepare and apply 1 no priming coat and 3 no silk vinyl finihing coat by caparol paints or equal and approved on clean wall surface as per manufacturers specifications	SM	98		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	finishes cont'd				
	Floor finishes				
	<u>Beds or backings:</u>				
	<u>Screeds:40mm thick 1No coat work cement sand (1:3) ;wood floated to hacked concrete or blockwork base to receive granotio tiles in:</u>				
C	Floors;internal	SM	78		
	<u>Granito floor tiles approved jointed and pointed with matching cement sand (1:4) mortar: colour quality and pattern to the Project Manager's scheme in:</u>				
D	600 x 600 x 15mm thick granite floor tiles fixed with an approved adhesive on prepared screed(m/s	SM	78		
E	100 x 8mm skirting	LM	52		
	External wall finish				
	<u>15mm thick render on cement sand (1:3)mortar .1No coatwork to concrete or blockwork steel trowelled to receive paint to:</u>				
A	External surfaces of beam	SM	16		
	<u>Vertical and horizontal key pointing in cement sand 1:3 with steel guage 12mm in:</u>				
B	Walls;externally	SM	79		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>Painting and decoration</u>				
	<u>Prepare and apply 2 coats anti algae priming coat and 3 coats weather guard paint as manufactured by caparol or equivalent quality to:</u>				
C	External surfaces of beam	SM	16		
D	Vertical and horizontal key pointing to walls;externally	SM	79		
	External Floor finishes				
	<u>Beds or backings:</u>				
	<u>Screeds:40mm thick 1No coat work cement sand (1:3) ;wood floated to hacked concrete or blockwork base to receive granotio tiles in;</u>				
A	Floors;internal	SM	3		
	<u>Granito floor tiles approved jointed and pointed with matching cement sand (1:4) mortar: colour quality and pattern to the Project Manager's scheme in;</u>				
B	600 x 600 x 15mm thick granite floor tiles fixed with an approved adhesive on prepared screed(m/s	SM	3		
C	100 x 8mm skirting	LM	3		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<u>COLLECTION</u>				
	Total brought forward from page 1				
	Total brought forward from page 2				
	Total brought forward from page 3				
TOTAL FINISHES CARRIED TO SUMMARY					

	<u>SUMMARY OF BUILDERS WORK</u>				
A	SUBSTRUCTURE				
B	SUPERSTRUCTURE				
C	ROOFING				-
E	DOORS				
F	WINDOWS				
G	FINISHES				-
	TOTAL CARRIED TO GRAND SUMMAR				