

PROPOSED OUTPATIENT DEPARTMENT BLOCK AT RIFT
VALLEY PROVINCIAL GENERAL HOSPITAL NAKURU

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GROUND FLOOR				
	<u>ELEMENT NO. 1</u>				
	SUBSTRUCTURES				
	(All provisional)				
A	Clear site of all grass and small trees not exceeding 600mm girth and cart away or burn arisings	6200	Sm		
B	Cut down trees exceeding girth over 600mm girth grub up roots and stumps chop to required lengths and hand over to client/cart away	50	No		
C	Excavate oversite to remove vegetable top soil average 250mm deep and cartaway to spoil heaps as directed on site	6200	Sm		
D	Excavate to reduce level not exceeding 1.5m deep from stripped level and cart away	9225	Cm		
E	Ditto 150 to 3.00mm deep ditto	9225	cm		
F	Excavate for foundation strip footing in normal soil not exceeding 1.5m deep from reduced level	2112	Cm		
G	Ditto; but for column bases	5011	Cm		
H	Excavate for strip footing 1.50 to 3.0metres deep	464	Cm		
J	Ditto; but for column bases	1743	Cm		
K	Return fill and ram selected excavated material around foundations	5538	Cm		
L	Load, wheel and cart away from site surplus excavated material and deposit in approved dumping area	1738	Cm		
M	Extra over all kinds of excavation for excavating in soft rock	1200	Cm		
N	Ditto; in hard rock	800	Cm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Allow for keeping excavations free from all water by pumping or otherwise		Item		
B	Ditto; for plunking and strutting to sides of excavations		Item		
C	300mm Thick (average) approved broken quarry stone hardcore filling in two equal layers well rolled and compacted	3920	Sm		
D	Form sinking size 500mm (average)wide x 300mm deep in hardcore including forming splayed sides	42	Lm		
E	Well compacted imported granular material fill to make up levels	3920	Cm		
F	50mm thick stone dust blinding to surface of hardcore	3920	Sm		
	<u>Concrete works</u>				
	50mm plain concrete mix (1:3:6 - class 15/20mm) blinding under:				
G	Strip footing	1602	Sm		
H	Column bases	2311	Sm		
J	Shaft Base	0	Sm		
	Vibrated Reinforced Contrete mix (1: 1 1/2 :3) class 25/20mm in:				
K	Strip footing	401	Cm		
L	Column bases	1333	Cm		
M	Wall base	116	Cm		
N	Column	54	Cm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	150mm thick floor bed	3920	Sm		
B	200mm thick Wall	365	Sm		
C	Steel fabric mesh reinforcement type A142 weighing 2.22kg to BS 4483 with 150mm side laps (measured ne -no allowance for laps)	3920	Sm		
D	Extra for 500mm (average) thicknessing under beds 300mm deep	42	Lm		
	<u>Expansion joint</u>				
E	25mm thick Aeroflex filler	291	Sm		
F	25 x 25mm "Expendite" sealer	194	Lm		
	<u>Sawn formwork to:</u>				
G	Sides of strip footing	1181	Sm		
H	Sides of columns bases	2254	Sm		
F	Sides of column	303	Sm		
K	Sides of columns curved to 225mm radii	43	Sm		
L	Ditto curved to 200mm radii	113	Sm		
M	Ditto curved to 125mm radii	66	Sm		
N	Sides of wall surfaces	730	Sm		
P	Sides of wall bases	150	Sm		
Q	Edges of ground floor bed exceeding 75mm but not exceeding 150mm wide	722	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Ditto curved to 5500mm radii	36	Lm		
	<u>MASONRY</u>				
B	200mm thick natural stone walling; quarry dressed bedded and jointed in cement sand(1:3) mortar; reinforced with hoop iron at alternate courses	2953	Sm		
D	400mm thick wall	310	Sm		
E	200mm thick skin wall	0	Sm		
	<u>Surfaces Treatment</u>				
F	"Dragnet" or other equal and approved antitermite insecticide treatment to blinded hardcore surfaces applied in accordance with manufacturer's instructions	3920	Sm		
G	1000 gauge polythene sheeting laid under concrete floor bed	3920	Sm		
	<u>Reinforcement</u>				
	<u>Ribbed 'D' bars as described in</u>				
H	16mm diameter bars in column bases	96087	Kgs		
J	20mm Ditto in bases	35760	Kgs		
K	16mm Ditto in columns	0	Kgs		
L	20mm ditto in columns	16500	Kgs		
M	12mm Ditto; in columns	1805	Kgs		
N	8mm ditto	1647	Kgs		
P	10mm Ditto in strip footing	18121	Kgs		
Q	12mm ditto	3090	Kgs		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	8mm ditto	4098	Kgs		
B	16mm ditto in shaft base	14008	Kgs		
C	12mm in wall and wall base	18768	Kgs		
D	16mm ditto	35020	Kgs		
	<u>Cement and sand (1:4) paving</u>				
E	25mm thick screed	365	Sm		
F	12mm thick to plinth surfaces wood floated	303	Sm		
G	Prepare and apply three coats of bitumastic paint to rendered surfaces	303	Sm		
	<u>Tanking and water proofing</u>				
H	Vandex super 1.5Kg per square metre applied as per manufacturer's printed instructions	510	Sm		
J	200mm thick PVC water bar embedded in concrete between floor and wall joints	170	Lm		
K	30 x 30mm integral angle fillets at junction of wall and floor	170	Lm		
L	300mm reglet band at floor and wall junction	170	Lm		
	<u>Cement sand (1:4) screed backing:</u>				
M	20mm screed backing to receive water proofing treatment	510	Sm		
	Carried to collection				
	<u>Collection</u>				
	Brought forward from Page 92				
	Brought forward from Page 93				
	Brought forward from Page 94				
	Brought forward from Page 95				
	Brought forward from Page 96 Above				
	Total element 01 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 02</u>				
	<u>REINFORCED CONCRETE</u>				
	Superstructures				
	Vibrated reinforced concrete (1:1 1/2:3) Class 25/20mm in:				
A	Beams	245	Cm		
B	Gutter beam 150mm thick	64	Cm		
C	Columns	78	Cm		
D	Suspended slabs, thickness 175mm	2273	Sm		
E	175x200mm thick kerb	484	Lm		
	<u>Reinforcement (all provisional)</u>				
	Deformed bars BS 4461 as described in:				
F	8mm diameter bars in beams	9560	Kgs		
G	16mm ditto in beams	11201	Kgs		
H	20mm ditto in beams	8849	Kgs		
J	8mm ditto; in column	2660	Kgs		
K	12mm ditto	2166	Kgs		
L	16mm ditto in column	0	Kgs		
M	20mm ditto;	19800	Kgs		
N	8mm ditto in gutter beam	3240	Kgs		
P	10mm ditto	6055	Kgs		
Q	16mm ditto	3240	Kgs		
R	20mm ditto	1560	Kgs		
A	10mm in suspended floor slab	60650	Kgs		
B	12mm ditto in Kerb	2033	Kgs		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Sawn formwork to:</u>				
A	Sides and soffits of beams	2613	Sm		
B	Ditto curved to 5500mm radii	51	Sm		
C	Ditto to 2500mm radii	23	Sm		
D	Sides and soffits of gutter beams	440	Sm		
E	Ditto to 5500 mm radii	62	Sm		
F	Sides of columns	512	Sm		
G	Ditto curved 225mm radii	72	Sm		
H	Ditto curved 200mm radii	277	Sm		
J	Sides of columns circular on plan to 125mm radii	111	Sm		
K	Soffites of suspended slabs	2273	Sm		
L	Edges of ditto 150-225mm wide	584	Sm		
M	Sides and soffites of kerb	194	Sm		
	Total carried to collection				
	<u>Collection</u>				
	Brought forward from page 97				
	Brought forward from page 98				
	Total element 02 summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 03</u>				
	<u>WALLING</u>				
	<u>External walls</u>				
	<u>Hessian based Bituminous Damp Proof Course bedded and jointed in cement sand mortar 1:3</u>				
A	200mm wide	1002	Lm		
B	150mm wide	0	Lm		
C	100mm wide	43	Lm		
D	400mm wide	206	Lm		
D	200mm thick natural stone walling; medium chiseled dressed; bedded and jointed in cement and (1:3) mortar	825	Sm		
E	200mm thick precast concrete louvre block walling jointed and bedded in cement mortar (1:4)	114	sm		
	<u>Internal walls</u>				
	Approved load bearing machine dressed "Thika" natural stone walling bedded and jointed in cement sand (1:3) mortar with 20mm wide hoop irons in every alternate course				
F	200mm thick walling	1224	Sm		
G	150mm thick ditto	0	Sm		
H	100mm thick	91	Sm		
J	200mm thick dwarf wall	141	Sm		
K	400mm thick wall	492	Sm		
	<u>Aluminium partition walling</u>				
L	Powder coated anodised aluminium curtain walling comprising 100 x 50mm extruded aluminium frame sections at 900mm vertical centers and 1050mm horizontal centres; panell infilled with and including 6mm clear sheet glass; 2975mm high overall	6	Lm		
	Total element 03 walling to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 03				
	DOORS				
	Mild steel casement				
A	Double grilled door comprising 50 x 50 x 3mm rolled hollow section frame all round in filled with 30 x 30 x 2mm thick RHS vertical baluster 150mm center and similar horizontal member at 200mm centers in a straggered configuration overall size 1800 x 2550mm high	0	No		
B	Ditto single leaf size 900 x 2550mm high	0	No		
C	Mild steel pannel double door overall size 3000x2550mm high in 2No. equal leaves each leaf comprising of 6 No size 300x800mm high 10mm thick glass panels including 1200x200mm and 1200x300high double plate complete with 100x50x3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primer before delivery to the site.	2	No		
D	Ditto size 1800 x 2550mm high	8	No		
E	Ditto single leaf size 900x1500mm high	0	No		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Aluminium				
A	Aluminium sections 2mm thick 50 x 50mm extrusions in top bottom and stiles and 100 x 50mm middle rail resulting bottom panel infilled with 25mm thick blockboard laminate faced both sides and top panel left open for glazing (m/s) in door overall size 900 x 3050mm high comprising 900 x 950mm high top fanlight and 900 x 2100mm openable leaf complete with and including locking devices	0	No		
B	Ditto double doors in 2No. Equal leaves overall size 1800 x 3050mm high	0	No		
	Timber doors				
C	50mm thick double paneled door overall size 1200 x 2400mm high all in solid mahogany in two equal leaves each leaf comprising 150mm top rail and stiles 200mm middle and bottom rail resulting both panels instilled with bevel raised and fielded panels	8	No		
Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	HDF Mahogany veneered timber door				
A	45mm thick moulded panel door single swing as supplied by BG Bison or other equal approved overall size 900 x 2850mm high with 950mm top fanlight	14	No		
B	45mm ditto size 900x2400mm high with 300mm fanlight ditto	0	No		
C	45mm thick moulded panelled double door single swing in two equal leaves overall size 1200 x 2550mm high comprising of 300 x mm high glazed fan light at to (m/s) 1200 x 2100mm high openable leaves each faced with interior quality mahogany veneer both sides and hard wood lipped all round	13	No		
D	45mm thick moulded panel double door double swing ditto	6	No.		
	Flush doors				
E	45mm thick semi solid cored flush door in 2No. Equal leaves hardwood lipped size 900 x 2850mm high faced both sides with interior quality veneer facing both sides with 900 x 750 high glazed fanlight at top	6	No		
F	Size 900 x 2100mm ditto	6	No		
G	Ditto 1300 x 2100mm high double leaf	10	No		
	The following in wrot mahogany				
H	200 x 50mm thick door frame with one labour plugged	432	Lm		
J	200 x 50mm transome, 2 labours	106	Lm		
K	200x50mm mullion	29	Lm		
L	150x50mm thick frame with one labour plugged	84	Lm		
M	150x50mm transome, 2 labours	13	Lm		
N	100 x 50mm frame one labours plugging	86	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	40 x 15mm architrave with one labour	602	Lm		
B	25mm quadrant	602	Lm		
C	25 x 25mm glazing beads	364	Lm		
	4mm thick clear sheet glass to wood:				
D	Panes 0.5 to 1.00 square meters	48	Sm		
E	Panes 0.1to 0.5 square metres	5	Sm		
	<u>4mm thick clear sheet to metal with glazing compound</u>				
F	Panes 0.5 to 1.00 square metres	8	Sm		
	Ironmongery				
	Supply and fix the following ironmongery as "union" or other equal and approved to wood with matching screws				
G	Cylinder Bathroom lock set with turn handle and rose in satin anodized aluminium set of lever furniture Ref. Toucan DS-051	16	No		
H	Double cylinder lock set with handle on plate complete with lever furniture ditto. Ref. Elegance LS-C85-306 SN	14	No		
J	5 lever Deadlock to steel door	0	No		
K	Rebated Double cylinder lock set for double door with satin anodized aluminium set of lever furniture Ref. Elegance LS-C85-306 SN	64	No		
L	100mm stainless steel bearing butt hinges Ref. BB-403030-SS	39	Prs		
M	100mm brass parliament butt hinges Ref. P-404040-SS	60	Prs		
N	Steel door lock	9	NO		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Door closer as Union Ref. 8834	4	No		
B	38mm diameter rubber door stopper plugged to floor	270	No		
C	150mm long lever action flush bolt Ref. No U8052	134	No		
	Total carried to collection				
	<u>Collection</u>				
	Brought forward from page 100				
	Brought forward from page 101				
	Brought forward from page 102				
	Brought forward from page 103				
	Brought forward from page 104				
	Total element o3 carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>ELEMENT 04</u></p> <p>WINDOWS</p> <p>Fine chiseled "Blue Njiru" stone walling in cement mortar</p> <p>150 x 22mm cill, bedded and jointed in cement and sand 1:1 and pointed in coloured cement mortar</p>	211	Lm		
B	<p>Supply and fix double metal curtain rods from "Challenge Engineering" or other equal and approved comprising of 25mm diameter wrought iron front 16mm diameter rear rail complete with fixing brackets, curtain holding rings and decorative end stops and all necessary paintwork</p> <p>Curtain rods</p>	200	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - External</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>TOP HUNG OUTWARD OPENABLE</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2100 x 1650mm high	69	No		
B	2100 x 2000mm high	12	No		
C	2100 x 750mm high	6	No		
D	2400x750mm high	3	No		
E	1800x1650mm high	2	No		
F	900x1650mm high	2	NO		
G	900x750mm high	1	No		
	Glazing				
H	4mm thick Reflective sheet glass and glazing in panes 0.1-1.0sm with putty compound	299	Sm		
J	Ditto; obscured glass	16	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - Internal</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>Top Hung Outward Opening</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2100 x 1050mm high	6	No		
B	1500 x 1050mm high	18	No		
C	900x1500mm high	4	No.		
	Glazing				
D	4mm thick reflective sheet glass and glazing in panes 0.1-1.0sm with Putty compound	47	Sm		
E	Ditto; obscured glass	0	Sm		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 105				
	Brought forward from page 106				
	Brought forward from page 107 above				
	Total element 04 windows to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 05</u>				
	EXTERNAL FINISHES				
	Wall Finishes				
A	Extra over natural stone walling for neat flush horizontal and vertical joints in coloured cement mortar	0	Sm		
	Cement and sand (1:4)				
B	15mm thick cement sand (1:4) render to columns	354	Sm		
C	Ditto beam	235	Sm		
D	Ditto wall facade surfaces	784	Sm		
E	Ditto sides of gutter beam fascia	267	Sm		
F	Ditto sides and soffites of kerb	274	Sm		
G	Screeding to receive wall finish	824	SM		
	<u>Cement lime plaster: 15mm thick (1:2:9)</u>				
H	Plaster to soffites of gutter	258	Sm		
	<u>Rough and Tough wall finish</u>				
J	Prepare and apply rough and touch exterior wall finish as "Crown paints" or equivalent and to approved colour	1914	Sm		
	<u>Hand scratched burnt clay</u>				
K	250x75x35mm thick brick facing in cement mortar	421	SM		
	Mazerah cladding				
L	200x200x20mm thick cladding fixed with cement and sand (1:2) mortar	403	SM		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Roof finishes				
A	Form groove in concrete for edge of felt roofing and grout in cement sand mortar (1:4) including forming bell mouth joint	287	Lm		
	<u>Supply and fit APP water proofing membrane (m/s) as Italbuild Ltd laid strictly in accordance with manufacturer's printed instructions</u>				
B	Gutter cover laid to fall and cross fall on sceed	158	Sm		
C	725mm high with top edge dressed into groove (m/s) and bottom edge jointed to felt	296	Lm		
D	Dress felt around 100mm rain water outlet	26	No		
	<u>Light weight roof screeds consisting of cement, sand and pumice (1:3:7) with 6mm layer of cement and sand topping laid to falls and crossfalls.</u>				
E	25mm screed on concrete to receive felt roofing sloping < 45 degrees from horizontal	158	Sm		
F	15mm ditto to sides of gutter beam	296	Sm		
G	50 x 50mm triangular fillet	287	Lm		
H	Work screed around 100mm rainwater outlet Precast concrete class 20/12mm fair faced finished smooth	26	No		
J	250x50mm capping sunk weathered both surfaces ad twice throated bedded and jointed in cement mortar (1:3)	305	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>Curtain walling</u></p> <p>Curtain walling in mild steel comprising main 100x50x4mm thick extruded rolled hollow section (RHS) frame section at 800mm vertical general spacing and 700 horizontal centres resulting panels infilled with 5mm thick toughedned glass and glazing with putyy on 25mm 'T' sections 300mm wide and 600mm high</p> <p>Carried to collection</p> <p>COLLECTION</p> <p>Brought forward from page 108</p> <p>Brought forward from page 109</p> <p>Brought forward from page 110</p>	282	SM		
	Total element 05 carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 06				
	INTERNAL FINISHES				
	<u>FLOOR FINISHES</u>				
	Cement and sand (1:4) screed				
A	Screed backing under floors finished with wood float, thickness 32mm to receive ceramic tiles (m/s)	141	Sm		
B	Ditto 20mm thick to floor to receive terrazzo (m/s)	3756	Sm		
	Floor tiles				
C	330 x 330 x 8mm thick ceramic tiles as manufactured by "Flamingo Tiles" or other approved non-slip tiles fixed with approved adhesive in approved	141	Sm		
D	100mm high ditto skirting	0	Lm		
	Polished white cement based terrazo				
E	20mm thick paving to floor polished smooth complete with and including 40x4mm thick white plastic divindings strips	3756	Sm		
F	20x100mm high skirting rounded top edge and cored junction with floor	2083	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	WALL FINISHES				
	Cement and sand (1:4) screed				
A	Screed backing to wall wood floated thickness 15mm	469	Sm		
	Coloured glazed ceramic wall tiles and fittings (cloakrooms)				
B	200 x 300 x 6mm as manufactured by "Flamingo Tiles" or other approved coloured tiles bedded and jointed in cement and sand 1:1 and pointed in coloured cement grouting	469	Sm		
	Cement Lime plaster; 15mm thick (1:2:9)				
C	Plaster to wall surfaces	4555	Sm		
D	Ditto concrete surface	784	Sm		
E	Ditto to soffits of suspended slabs	2273	Sm		
	CEILING FINISHES				
F	Suspended acoustic boards suspended to steel truss complete with corner panel suspensions, and flush jointing 12mm thick	0	Sm		
G	19mm gypsum ceiling lining to soffites in approved pattern	1647	Sm		
H	Extra over for forming trap door size 600 x 600mm	10	No		
J	100 x 25mm decorative gypsum cornice	2262	Lm		
K	50x50mm Aluminium 'U' section channel fixed to timber	3808	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>COLLECTION</p> <p>Brought forward from page 111</p> <p>Brought forward from page 112</p>				
	Total element 06 internal finishes to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.7</u>				
	<u>ROOF CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL</u>				
	<u>Roof covering</u>				
A	1320x370mm stone coated steel "decra" roofing tiles or other equal approved onto but excluding steel truss laid to slope not exceeding 25 ⁰	1012	Sm		
B	Translucent polycarbonic sky light roof covering to atrium	0	Sm		
C	Extra over for raking cutting	130	Lm		
	<u>Accessories, fixing as necessary to roof covering</u>				
D	Standard barrel half round ridge tile to match; 1320mm long to hip and ridge cap; and fixing to position	3	Lm		
E	Ditto hip cap	26	Lm		
F	Extra for stone coat box barge cover 1320mm long	0	Lm		
G	Ditto stone coat valley strip ditto	52	Lm		
H	Ditto stone coat side flashing ditto	305	Lm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOF CONSTRUCTION</u>				
	<u>All the following structural timber shall be sawn second grade treated cypress with 9- 15% M.C.</u>				
A	100 x 75mm wall plate	245	Lm		
B	75 x 50mm purlins	1125	Lm		
C	150 x 50mm ditto	30	Lm		
	<u>Trusses</u>				
Type	No of	pitch	span (m)	Rise (mm)	
T17	178	Mono	3200	857	
T18	1	Mono	4570	1225	
T19	4	Mono	6000	2546	
T20	2	Mono	6000	2546	
	<u>The following in Trusses with nailed connections including templates fillets, straps, splices and hoisting approx 3.15metres above ground level</u>				
D	150 x 50mm rafters	686	Lm		
E	150 x 50mm joists	175	Lm		
F	100 x 50mm ties and struts	755	Lm		
G	100x50mm king post	175	Lm		
H	100 x 50mm collar splice plate	270	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Other members</u>				
A	150 x 50mm valley rafters	104	Lm		
B	150 x 50mm hip rafters	26	Lm		
C	150 x 50mm common rafters	621	Lm		
D	200 x 25mm ridge board	30	Lm		
E	50x50mm battens	3755	Lm		
	<u>Anchor bolts</u>				
F	12mm x 50 x 2mm diameter "J" bolts, 400mm long with head nut and washers cast into concrete	272	No		
	<u>The following in wrot cypress</u>				
G	200 x 25mm thick fascia	0	Lm		
H	25 x 100mm tongue & grooved boarding secret nailed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres	675	Sm		
	Total curried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Rainwater disposal</u> <u>24g galvanized mild steel sheeting</u>				
A	Raking flashing overall 400mm girth top and turned and wedged into and including 50 x 50mm mortice in stone or concrete and rin in with cement and sand (1:3) mortar and bottom edge dressed over roofing	20	Lm		
B	Ditto horizontal	226	Lm		
	<u>26g galvanized mild steel sheeting; all welds ground smooth</u>				
C	200 x 200mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers	0	Lm		
D	Extra ; for blocked ends with 75mm dia. Outlet 100mm long	0	No		
E	100mm Diameter fulbora outlet	26	No		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	100mm diameter 22 gauge galvanized metal rain water downpipe fixed to wall with holder bats at 900mm centres	78	Lm		
B	Extra over downpipe for swan neck projecting 600mm	26	No		
C	Ditto shoe	26	No		
Galvanised mild steel sheet 22 gauge					
D	900mm girth lining to slopping gutters with 200mm laps comprising 15 x 200mm gutter and 200mm integral flashing each side	52	Lm		
Carried to collection below					
Collection					
Brought forward page 114					
Brought forward page 115					
Brought forward page 116					
Brought forward page 117					
Brought forward page 118					
Total element 07 roof construction to summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 08				
	BALUSTRADING & RAILINGS				
	Wrot mahogany				
A	100 x 50mm hand rail	0	Lm		
	3mm thick mild steel circular hollow extrusion tubes				
	Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling				
B	Staircase railing raking 1250mm high	0	Lm		
C	Staircase railing horizontal curved to 1500mm radii 1250mm high	0	Lm		
D	Balustrades railing horizontal 1250mm high	88	Lm		
	Total element 08 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 09				
	PAINTING & DECORATING				
	ROOF				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:				
A	General surfaces of roof steel work	0	Kg		
B	General surfaces of 100mm diameter down pipe girth over 300mm	25	Sm		
	WINDOWS				
	Prepare and supply two undercoasts stainer and two finishing coats of vanish to:-				
C	Surfaces exceeding 100 but not exceeding 200mm girth window cill	211	Lm		
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:-				
D	Metal Casement surface girth over 300mm internally	409	Sm		
E	Ditto Externally	315	sm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	DOOR				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
A	General surfaces of doors	603	Sm		
B	Surfaces not exceeding 100mm girth	1396	Lm		
C	Surfaces 100 to 200mm girth	0	Lm		
D	Surfaces exceeding 200 but n.e. 300mm girth	635	Lm		
	Prepare and apply one undercoat and two finishing coats of gloss oil paint to:				
E	General surfaces of doors both side measured	77	Sm		
F	Surfaces not exceeding 100mm girth	171	LM		
G	Surfaces exceeding 100 but not exceeding 200mm girth	86	Lm		
H	Surfaces exceeding 200 but not exceeding 300mm girth	0	lm		
	Touch up primer and apply one undercoats and two finishing coats of 1st quality supergloss paint to:				
G	General surfaces of metal (b.s.m.)	89	Sm		
	EXTERNAL FINISHES				
	Prepare and apply 3 No. coats matt vinyl exterior wall finish as paint to:				
K	General rendered surfaces externally	1914	Sm		
L	Louvre block walling	114	Sm		
M	Soffites of gutter beam	258	Sm		
	Prepare and apply 1 No coats stainer and 2 No. finishing coats of varnish to:				
N	General surfaces of mazerah tiling	403	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	INTERNAL FINISHES				
	Prepare and apply one undercoat and two finishing coats of 1st quality silk vinyl paint to:-				
A	General plastered surfaces of walls	4555	Sm		
B	General plastered surfaces of horizontal suspended soffits	2273	Sm		
C	General plastered concrete surfaces	784	Sm		
D	Gypsum ceiling soffits	1483	Sm		
E	General surfaces of louvered block walling	114	Sm		
F	Surfaces not exceeding 100mm girth of cornice	2262	Lm		
	JOINERY FIXTURES				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
G	General surfaces of timbers	675	Sm		
H	Surfaces not exceeding 100mm girth	0	Lm		
J	Surfaces exceeding 100 but not exceeding 200mm girth	0	Lm		
	Total collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Metal work				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint paint to:-				
A	General surfaces of balcony balustrading	110	sm		
B	Ditto grilled surfaces (b.s.m)	563	Sm		
	Prepare and apply two undercoats stainer and two finishing coats of varnish to:-				
C	Surfaces of rails exceeding 200mm but not exceeding 300mm girth	0	Lm		
	Total carried to collection below				
	<u>Collection page</u>				
	Brought forward from page 120				
	Brought forward from page 121				
	Brought forward from page 122				
	Brought down from 123 above				
	Total element 09 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p>ELEMENT NO. 10</p> <p>JOINERY FIXTURES</p> <p>Provide a sum of Kenya shillings two million five hundred thousand (Kshs. 2,500,000.00)</p>		SUM		
	Total element 10 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 11</u>				
	<u>STAIRCASES - 6 NO</u>				
	<u>Insitu concrete (1:2:4) reinforcement</u>				
	<u>Normal class 20/20mm vibrated</u>				
A	Stairs	16	Cm		
B	175mm thick landing	28	SM		
C	Stair beam	1	CM		
	Bars: Ribbedsteel: cold worked: B.S 4461 including bends, hooks tying wire, distance block and spacers				
D	Various bars in reinforcement work	2500	KG		
E	16mm diameter bars in beams	142	KG		
F	8mm diameter bars in beams	50	KG		
	<u>Sawn formwork to:</u>				
G	Sloping soffits of stairs	67	SM		
H	Horizontal soffits of landings	28	SM		
S	Ditto edge of landing 150-225mm	54	LM		
K	Ditto sides and soffites of stair beam	15	SM		
L	Riser girth over 75mm - 150mm high	189	LM		
M	Open string of staircase 335mm external height including cutting to profile of treads amd riser	45	LM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>12mm thick cement sand (1:6) plaster to:</u>				
A	Beams	15	SM		
B	Sloping soffits of stairs	676	SM		
C	Horizontal soffit of landing	28	SM		
	<u>20mm thick cement sand (1:3) screed trowelled rough to receive terrazzo on:</u>				
D	Tread 300mm wide	189	LM		
E	Riser 150mm high	207	LM		
F	Landing	28	SM		
G	Edge of upto stair string 300mm wide	45	LM		
	<u>20mm polished terrazzo on:</u>				
H	Tread 300mm wide	189	LM		
J	Riser 150mm high	207	LM		
K	Landing	28	SM		
L	Edge of stair 300mm wide	45	LM		
M	20x100mm polished terrazzo skirting	93	LM		
N	Non slip carborundum inset to treads	189	LM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>3mm thick mild steel circular hollow extrusion tubes</p> <p>Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling</p>				
A	Staircase railing horizontal 1250mm high	36	Lm		
B	Staircase railing raking 1250mm high	46	Lm		
	<u>Paintwork</u>				
C	Touch up priming wrot and apply 1 No. coat calcium plumbate primer and prepare and apply 3 No. coats glass enamel to steel surfaces generally	103	Sm		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
D	Plastered concrete surfaces	660	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	COLLECTION				
A	Brought forward from page 125				
B	Brought forward from page 126				
C	Brought forward from page 127				
	Total Element No. 11 6 No. Staircases carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO 12				
	RAMPS (2 NO)				
	<u>Reinforced concrete class 25/20mm</u>				
	<u>mix (1: 1 1/2: 3) in:-</u>				
A	Beams raking	20	CM		
B	Beams horizontal	2	CM		
C	175mm thick suspended ramp	144	SM		
D	Ditto horizontal landings	35	SM		
	<u>Sawn formwork to:</u>				
E	Sides and soffities of beams, horizontal	28	SM		
F	Ditto, raking	233	SM		
G	Ditto curved to 1500mm radii	0	SM		
H	Soffites of raking suspended ramp slabs	144	SM		
J	Ditto horizontal landings	35	SM		
K	Edges of suspended Landing 150 to 225mm wide	32	LM		
L	Ditto to raking ramp 150 to 225mm wide	165	LM		
M	Ditto curved to 2500mm radii	17	LM		
	<u>Steel reinforcement as described including cutting to length bending hoisting and fixing including all necessary tying wires and spacing blocks (all provisional)</u>				
	<u>Ribbed bars</u>				
P	8mm diameter bars beams	690	KG		
Q	16mm ditto in beams	1274	KG		
R	10mm diameter bars in suspended slabs	4800	KG		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Ramp finishes</u>				
	<u>12mm thick cement sand (1:6) plaster to:</u>				
A	Beams	261	SM		
B	Sloping soffits of ramp	144	SM		
C	Horizontal soffites of landing	35	SM		
D	Raking edges of ramp	144	SM		
	<u>20mm thick cement sand (1:3) screed backing trowelled rough to receive terrazzo on:</u>				
E	Horizontal floor bed	35	SM		
F	Sloping ramp	144	SM		
G	Edge of kerb 300mm wide	112	LM		
	<u>20mm polished terrazzo on with 40x4mm thick white pvc dividing strip</u>				
H	Floors level	35	SM		
J	Sloping Ramp	144	SM		
K	Edge of kerb 300mm wide	112	LM		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
L	Beam	261	SM		
M	Sloping and horizontal soffits of ramp	144	SM		
N	Raking edges of ramp	90	SM		
	Total carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>COLLECTION</p> <p>A Brought forward from page 129</p> <p>B Brought forward from page130</p>				
	Total Element No 12. 2 No. Ramps carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 13</u>				
	<u>APRON</u>				
	Precast paving slabs				
A	Excavate in normal soil not exceeding 300mm deep; backfill with murrum to form base to receive PCC paving slabs (m/s) and cart away arisings	600	Sm		
B	150mm thick compacted murrum bed				
C	Approved weed killer applied according to manufacturer's instructions	600	Sm		
D	Premise200" Anti-termite treatment to murrum	600	Sm		
E	600 x 600 x 50mm thick PCC slabs on and including 50mm sand bed jointed and pointed in cement sand 1:3 mortar	600	Sm		
F	100x100mm PCC channel on and including plain concrete class Q in bed and hauch	400	Lm		
	Total for element No. 13 carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUMMARY FOR GROUND FLOOR				
1	Total from page 96 Substructure				
2	Total from page 98 RC Frame				
3	Total from page 99 Walling				
4	Total from page 104 Doors				
5	Total from page 107 Windows				
6	Total from page 110 External finishes				
7	Total from page 113 Internal finishes				
8	Total from page 118 Roofing				
9	Total from page 119 Balustrades and Railing				
10	Total from page 123 Painting and Decorating				
11	Total from page 124 Joinery fixtures				
12	Total from page 128 6 No. Stair cases				
13	Total from page 131 2 No. Ramp				
14	Total from page 132 Apron				
15	Provide a sum of Kenya shillings six million five hundred thousand (kshs. 6,500,000.00) for electrical installation				
16	Provide Kenya shillings Two million, five hundred thousand for Plumbing and drainage				
	TOTAL FOR GROUND FLOOR CARRIED TO MAIN SUMMARY				

**PROPOSED OUTPATIENT DEPARTMENT BLOCK AT RIFT VALLEY PROVINCIAL
GENERAL HOSPITAL NAKURU**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>1ST AND 2ND FLOOR</u>				
	<u>ELEMENT 01</u>				
	<u>REINFORCED CONCRETE</u>				
	Superstructures				
	Vibrated reinforced concrete (1:1 1/2:3) Class 25/20mm in:				
A	Beams	196	Cm		
B	Gutter beam - 150mm thick	26	Cm		
C	Columns	66	Cm		
D	Suspended floor slabs, thickness 175mm	2273	Sm		
E	Suspended roof slabs 175mm	0	Sm		
F	175 x200mm thick kerb	443	Lm		
	<u>Reinforcement (all provisional)</u>				
	Deformed bars as described in:				
G	8mm diameter bars in beams	5883	Kgs		
H	16mm ditto in beams	9710	Kgs		
J	20mm ditto in beams	9476	Kgs		
K	8mm ditto; in column	2155	Kgs		
L	12mm ditto	0	Kgs		
M	16mm ditto in column	0	Kgs		
N	20mm ditto;	19800	Kgs		
P	8mm ditto in gutter beam	1315	Kgs		
Q	10mm ditto	2817	Kgs		
R	16mm ditto	9607	Kgs		
S	20mm ditto	9627	Kgs		
T	10mm ditto in suspended floor slab	60723	Kgs		
U	12mm ditto in kerb	1861	Kgs		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Sawn formwork to:</u>				
A	Sides and soffits of beams	2051	Sm		
B	Sides and soffits of gutter beams	204	Sm		
C	Sides of columns	448	Sm		
D	Ditto curved 225mm radii	72	Sm		
E	Ditto curved 200mm radii	277	Sm		
F	Sides of columns circular on plan to 125mm	0	Sm		
G	Soffites of suspended floor slabs	2273	Sm		
H	Soffites of suspended roof slabs	0	Sm		
J	Edges of ditto 150-225mm wide	584	Lm		
K	Sides and soffites of kerb	166	Sm		
	Total carried to collection				
	<u>Collection</u>				
	Brought forward from page 134				
	Brought forward from page 135 Above				
	Total element 01 summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 02</u>				
	<u>WALLING</u>				
	<u>External walls</u>				
	<u>Hessian based Bituminous Damp Proof Course bedded and jointed in cement sand mortar 1:3</u>				
A	200mm wide	0	Lm		
B	150mm wide	0	Lm		
C	Ditto; 100mm wide	0	Lm		
D	200mm thick natural stone walling; medium chiseled dressed; bedded and jointed in cement and (1:3) mortar	631	Sm		
E	200mm thick precast concrete louvre block walling jointed and bedded in cement mortar (1:4)	114	sm		
	<u>Internal walls</u>				
	<u>Approved load bearing machine dressed "Thika" natural stone walling bedded and jointed in cement sand (1:3) mortar with 20mm wide hoop irons in every alternate course</u>				
F	200mm thick walling	1093	Sm		
G	150mm thick ditto	0	Sm		
H	100mm thick	279	Sm		
J	200mm thick dwarf wall	44	SM		
	<u>Aluminium partition walling</u>				
K	Powder coated anodised aluminium curtain walling comprising 100 x 50mm extruded aluminium frame sections at 900mm vertical centers and 1050mm horizontal centres; panell infilled with and including 6mm clear sheet glass; 2700mm high overall	6	Lm		
	Total element 02 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 03				
	DOORS				
	Mild steel casement				
A	Double grilled door comprising 50 x 50 x 3mm rolled hollow section frame all round in filled with 30 x 30 x 2mm thick RHS vertical baluster 150mm center and similar horizontal member at 200mm centers in a straggered configuration overall size 1800 x 2550mm high	4	No		
B	Ditto single leaf size 900 x 2550mm high	2	No		
C	Mild steel pannel double door overall size 1200x2550mm high in 2No. equal leaves each leaf comprising of 6 No size 300x800mm high 10mm thick glass panels including 1200x200mm and 1200x300high double plate complete with 100x50x3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primer before delivery to the site	2	No		
D	Ditto size 900x1500mm high	2	No		
Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Aluminium				
A	Aluminium sections 2mm thick 50 x 50mm extrusions in top bottom and stiles and 100 x 50mm middle rail resulting bottom panel infilled with 25mm thick blockboard laminate faced both sides and top panel left open for glazing (m/s) in door overall size 900 x 3050mm high comprising 900 x 950mm high top fanlight and 900 x 2100mm openable leaf complete with and including locking devices	0	No		
B	Ditto double doors in 2No. Equal leaves overall size 1800 x 3050mm high	0	No		
	Timber doors				
C	50mm thick double paneled door overall size 1200 x 2400mm high all in solid mahogany in two equal leaves each leaf comprising 150mm top rail and stiles 200mm middle and bottom rail resulting both panels instilled with bevel raised and fielded panels	8	No	30000	240,000.00
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	HDF Mahogany veneered timber door				
A	45mm thick moulded panel door as supplied by BG Bison or other equal approved overall size 900 x 2550mm high with 950mm top fanlight	8	No		
B	45mm ditto size 900x2400mm high with 300mm fanlight ditto	0	No		
C	45mm thick moulded panelled double door Single swing in two equal leaves overall size 1200 x 2550mm high comprising of 300 x mm high glazed fan light at to (m/s) 1200 x 2100mm high openable leaves each faced with interior quality mahogany veneer both sides and hard wood lipped all round	40	No		
D	Ditto double swing 1650x2550mm high	1	No		
	Flush doors				
E	45mm thick semi solid cored flush door in 2No. Equal leaves hardwood lipped size 900 x 2550mm high faced both sides with interior quality veneer facing both sides with 900 x 750 high glazed fanlight at top	10	No		
F	Size 900 x 2100mm ditto	8	No		
G	Ditto 1300 x 2100mm high double leaf	8	No		
	The following in wrot mahogany				
H	200 x 50mm thick door frame with one labour plugged	344	Lm		
J	200 x 50mm transome, 2 labours	84	Lm		
K	200x50mm mullion 2 labours	24	Lm		
L	150x50mm thick frame with one labour plugged	48	Lm		
M	150x50mm transome, 2 labours	7	Lm		
N	100 x 50mm frame one labours plugging	85	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	40 x 15mm architrave with one labour	477	Lm		
B	25mm quadrant	477	Lm		
C	25 x 25mm glazing beads	282	Lm		
	4mm thick clear sheet glass to wood:				
D	Panes 0.5 to 1.00 square meters	38	Sm		
E	Panes 0.1to 0.5 square metres	3	Sm		
	<u>4mm thick clear sheet to metal with glazing compound</u>				
F	Panes 0.5 to 1.00 square metres	1	Sm		
	Ironmongery				
	Supply and fix the following ironmongery as "union" or other equal and approved to wood with matching screws				
G	Cylinder Bathroom lock set with turn handle and rose in satin anodized aluminium set of lever furniture Ref. Toucan DS-051	16	No		
H	Double cylinder lock set with handle on plate complete with lever furniture ditto. Ref. Elegance LS-C85-306 SN	8	No		
J	5 lever Deadlock to steel door	6	No		
K	Rebated double cylinder lock set for double door with satin anodized aluminium set of lever furniture Ref. Elegance LS-C85-306 SN	50	No		
L	100mm stainless steel bearing butt hinges Ref. BB-403030-SS	36	Prs		
M	100mm brass parliament butt hinges Ref. P-404040-SS	162	Prs		
N	Steel door lock	4	NO		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Door closer as Union Ref. 8834	2	No		
B	38mm diameter rubber door stopper plugged to floor	152	No		
C	150mm long lever action flush bolt Ref. No U8052	50	No		
Total carried to collection					
<u>Collection</u>					
Brought forward from page 137					
Brought forward from page 138					
Brought forward from page 139					
Brought forward from page 140					
Brought forward from page 141					
Total element o3 carried to summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>ELEMENT 04</u></p> <p>WINDOWS</p> <p>Fine chiseled "Blue Njiru" stone walling in cement mortar</p> <p>150 x 22mm cill, bedded and jointed in cement and sand 1:1 and pointed in coloured cement mortar</p>	235	Lm		
B	<p>Supply and fix double metal curtain rods from "Challenge Engineering" or other equal and approved comprising of 25mm diameter wrought iron front 16mm diameter rear rail complete with fixing brackets, curtain holding rings and decorative end stops and all necessary paintwork</p> <p>Curtain rods</p>	218	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - External</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>TOP HUNG OUTWARD OPENABLE</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2100 x 1650mm high	64	No		
B	2100 x 2000mm high	12	No		
C	2100 x 750mm high	8	No		
D	1500x1500mm high	0	No		
E	1500x900mm high	0	No		
F	900x600mm high	0	No		
	Glazing				
G	4mm thick Reflective sheet glass and glazing in panes 0.1-1.0sm with putty compound	272	Sm		
H	Ditto; obscured glass	13	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - Internal</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>Top Hung Outward Opening</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2100 x 1050mm high	25	No		
B	1500 x 1050mm high	10	No		
	Glazing				
C	4mm thick reflective sheet glass and glazing in panes 0.1-1.0sm with Putty compound	71	Sm		
D	Ditto; obscured glass	0	Sm		
	Total carried to collection				
	Collection				
	Brought forward from page 142				
	Brought forward from page 143				
	Brought forward from page 144				
	Total element 04 windows to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 05</u>				
	EXTERNAL FINISHES				
	Wall Finishes				
A	Extra over natural stone walling for neat flush horizontal and vertical joints in coloured cement mortar	0	Sm		
	Cement and sand (1:4)				
B	15mm thick cement sand (1:4) render to columns	258	Sm		
C	Ditto beam	225	Sm		
D	Ditto wall facade surfaces	631	Sm		
E	Ditto sides of gutter beam	105	Sm		
F	Ditto sides and soffites of kerb	255	Sm		
G	Screeding to receive brick facing and mazerah cladding	701	SM		
	<u>Cement lime plaster: 15mm thick (1:2:9)</u>				
H	Plaster to soffites of gutter	82	Sm		
	<u>Rough and Tough wall finish</u>				
J	Prepare and apply rough and touch exterior wall finish as "Crown paints" or equivalent and to approved colour	1219	Sm		
	<u>Hand scratched burnt clay</u>				
K	250x75x35mm thick brick facing in cement mortar	360	SM		
	Mazerah cladding				
L	200x200x20mm thick cladding fixed with cement and sand (1:2) mortar	341	SM		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Roof finishes				
A	Form groove in concrete for edge of felt roofing and grout in cement sand mortar (1:4) including forming bell mouth joint	117	Lm		
	<u>Supply and fit APP water proofing membrane (m/s) as Italbuild Ltd laid strictly in accordance with manufacturer's printed instructions</u>				
B	Gutter cover laid to fall and cross fall on sceed	64	Sm		
C	725mm high with top edge dressed into groove (m/s) and bottom edge jointed to felt	120	Lm		
D	Dress felt around 100mm rain water outlet	16	No		
	<u>Light weight roof screeds consisting of cement, sand and pumice (1:3:7) with 6mm layer of cement and sand topping laid to falls and crossfalls.</u>				
E	25mm screed on concrete to receive felt roofing sloping < 45 degrees from horizontal	64	Sm		
F	15mm ditto to sides of gutter beam	120	Sm		
G	50 x 50mm triangular fillet	263	Lm		
H	Work screed around 100mm rainwater outlet	16	No		
	Precast concrete class 20/12mm fair faced finished smooth				
J	250x50mm capping sunk weathered both surfaces ad twice throated bedded and jointed in cement mortar (1:3)	117	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>Curtain walling</u></p> <p>Curtain walling in mild steel comprising main 100x50x4mm thick extruded rolled hollow section (RHS) frame section at 700mm vertical general spacing and 1200 horizontal centres resulting panels infilled with 5mm thick toughedned glass and glazing with putyy on 25mm 'T' sections 300mm wide and 600mm high</p> <p>Carried to collection</p> <p><u>COLLECTION</u></p> <p>Brought forwad from page 145</p> <p>Brought forwad from page 146</p> <p>Brought forwad from page 147</p>	420	SM		
	Total element 05 external finishes to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 06				
	INTERNAL FINISHES				
	<u>FLOOR FINISHES</u>				
	Cement and sand (1:4) screed				
A	Screed backing under floors finished with wood float, thickness 32mm to receive ceramic tiles (m/s)	135	Sm		
B	Ditto 20mm thick to floor to receive terrazzo (m/s)	2124	Sm		
	Floor tiles				
C	330 x 330 x 8mm thick ceramic tiles as manufactured by "Flamingo Tiles" or other approved non-slip tiles fixed with approved adhesive in approved	135	Sm		
D	100mm high ditto skirting	0	Lm		
	Polished white cement based terrazo				
E	20mm thick paving to floor polished smooth complete with and including 40x4mm thick white plastic divindings strips	2124	Sm		
F	20x100mm high skirting rounded top edge and cored junction with floor	1397	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	WALL FINISHES				
	Cement and sand (1:4) screed				
A	Screed backing to wall wood floated thickness 15mm	386	Sm		
	Coloured glazed ceramic wall tiles and fittings (cloakrooms)				
B	200 x 300 x 6mm as manufactured by "Flamingo Tiles" or other approved coloured tiles bedded and jointed in cement and sand 1:1 and pointed in coloured cement grouting	386	Sm		
	Cement Lime plaster; 15mm thick (1:2:9)				
C	Plaster to wall surfaces	3569	Sm		
D	Ditto concrete surface	688	Sm		
E	Ditto to soffits of suspended slabs	2273	Sm		
	CEILING FINISHES				
	Sawn cypress				
F	Suspended acoustic boards suspended to steel truss complete with corner panel suspensions, and flush jointing 12mm thick	0	Sm		
G	12mm gypsum ceiling lining to soffites in approved pattern	245	Sm		
H	Extra over for forming trap door size 600 x 600mm	3	No		
J	100 x 25mm decorative gypsum cornice	143	Lm		
K	50x50mm Aluminium 'U' section channel fixed to timber	629	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>COLLECTION</p> <p>Brought forward from page 148</p> <p>Brought down from page 149</p>				
	Total element 06 internal finishes to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>ELEMENT NO. 07</p> <p>BALUSTRADING & RAILINGS</p> <p>Wrot mahogany</p> <p>A 100 x 50mm hand rail</p> <p>3mm thick mild steel circular hollow extrusion tubes</p> <p>Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling</p> <p>B Staircase railing raking 1250mm high</p> <p>C Staircase railing horizontal curved to 1500mm radii 1250mm high</p> <p>D Balustrades railing horizontal 1250mm high</p>	0	Lm		
	Total element 07 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 08				
	PAINTING & DECORATING				
	ROOF				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:				
A	General surface of roof steel work	0	Kg		
B	General surfaces of 100mm diameter down pipe girth over 300mm	15	Sm		
	WINDOWS				
	Prepare and supply two undercoasts stainer and two finishing coats of vanish to:-				
C	Surface exceeding 100 but not exceeding 200mm girth window cill	235	Lm		
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:-				
D	Metal Casement surface girth over 300mm internally	427	Sm		
E	Ditto Externally	285	sm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	DOOR				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
A	General surface of doors	478	Sm		
B	Surface not exceeding 100mm girth	1066	Lm		
C	Surface 100 to 200mm girth	55	Lm		
D	Surface exceeding 200 but n.e. 300mm girth	483	Lm		
	Prepare and apply one undercoat and two finishing coats of gloss oil paint to:				
E	General surface of doors both side measured	74	Sm		
F	Surface not exceeding 100mm girth	170	LM		
G	Surface exceeding 100 but not exceeding 200mm girth	85	Lm		
H	Surfaces exceeding 200 but not exceeding 300mm girth	0	Im		
	Touch up primer and apply one undercoats and two finishing coats of 1st quality supergloss paint to:				
J	General surfaces of metal (b.s.m.)	146	Sm		
	EXTERNAL FINISHES				
	Prepare and apply 3 No. coats exterior wall finish as matt vinyl emulsion paint to:				
K	General rendered surface externally	1219	Sm		
L	Louvre block walling	114	Sm		
M	Soffites of gutter beam	105	Sm		
	Prepare and apply 1 No. coats stainer and 2 No. finishing coats of varnish to:				
N	General surfaces of mazerah tiling	341	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	INTERNAL FINISHES				
	Prepare and apply one undercoat and two finishing coats of 1st quality silk vinyl paint to:-				
A	General plastered surfaces of walls	3569	Sm		
B	General plastered surfaces of horizontal suspended soffits	2273	Sm		
C	General plastered concrete surfaces	688	Sm		
D	Gypsum ceiling soffits	245	Sm		
E	General surfacees of lourved block walling	143	Lm		
F	Surface not exceeding 100mm girth of cornice	114	Sm		
	JOINERY FIXTURES				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
G	General surface of timber	258	Sm		
H	Surface not exceeding 100mm girth	0	Lm		
J	Surfaces exceeding 100 but not exceeding 200mm girth	0	Lm		
	Total collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Metal work				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint paint to:-				
A	General surface of balcony balustrading	127	sm		
B	Ditto grilled surface (b.s.m)	0	Sm		
	Prepare and apply two undercoats stainer and two finishing coats of varnish to:-				
C	Surface of rails exceeding 200mm but not exceeding 300mm girth	102	Lm		
	Total carried to collection below				
	<u>Collection page</u>				
	Brought forward from page 152				
	Brought forward from page 153				
	Brought forward from page 154				
	Brought forward from page 155				
	Total element 08 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p>Element No. 09</p> <p>JOINERY FIXTURES</p> <p>Provide a sum of kenya shillings Two Million, five hundred thousand (Kshs. 2,500,000.00)</p>		SUM		
	Total element 09 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 10</u>				
	<u>STAIRCASES</u>				
	<u>Insitu concrete (1:2:4) reinforcement</u>				
	<u>Normal class 20/20mm vibrated</u>				
A	Stairs	16	Cm		
B	175mm thick landing	28	SM		
C	Stair beam	1	CM		
	Bars: Ribbedsteel: cold worked: B.S 4461 including bends, hooks tying wire, distance block and spacers				
D	Various bars in reinforcement work	2500	KG		
E	16mm diameter bars in beams	142	KG		
F	8mm diameter bars in beams	50	KG		
	<u>Sawn formwork to:</u>				
G	Sloping soffits of stairs	67	SM		
H	Horizontal soffits of landings	28	SM		
S	Ditto edge of landing 150-225mm	54	LM		
K	Ditto sides and soffites of stair beam	15	SM		
L	Riser girth over 75mm - 150mm high	189	LM		
M	Open string of staircase 335mm external height including cutting to profile of treads amd riser	45	LM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>12mm thick cement sand (1:6) plaster to:</u>				
A	Beams	15	SM		
B	Sloping soffits of stairs	676	SM		
C	Horizontal soffit of landing	28	SM		
	<u>20mm thick cement sand (1:3) screed trowelled rough to receive terrazzo on:</u>				
D	Tread 300mm wide	189	LM		
E	Riser 150mm high	207	LM		
F	Landing	28	SM		
G	Edge of upto stair string 300mm wide	45	LM		
	<u>20mm polished terrazzo on:</u>				
H	Tread 300mm wide	189	LM		
J	Riser 150mm high	207	LM		
K	Landing	28	SM		
L	Edge of stair 300mm wide	45	LM		
M	20x100mm polished terrazzo skirting	93	LM		
N	Non slip carborundum inset to treads	189	LM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>3mm thick mild steel circular hollow extrusion tubes</p> <p>Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling</p>				
A	Staircase railing horizontal 1250mm high	36	Lm		
B	Staircase railing raking 1250mm high	46	Lm		
	<u>Paintwork</u>				
C	Touch up priming wrot and apply 1 No. coat calcium plumbate primer and prepare and apply 3 No. coats glass enamel to steel surfaces generally	103	Sm		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
D	Plastered concrete surfaces	660	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	COLLECTION				
A	Brought forward from page 159				
B	Brought forward from page 158				
C	Brought forward from page 159				
	Total Element No. 10 Staircases carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO 11				
	RAMPS (2 NO)				
	<u>Reinforced concrete class 25/20mm</u>				
	<u>mix (1: 1 1/2: 3) in:-</u>				
A	Beams raking	20	CM		
B	Beams horizontal	2	CM		
C	175mm thick suspended ramp	144	SM		
D	Ditto horizontal landings	35	SM		
	<u>Sawn formwork to:</u>				
E	Sides and soffities of beams, horizontal	28	SM		
F	Ditto, raking	233	SM		
G	Ditto curved to 1500mm radii	0	SM		
H	Soffites of raking suspended ramp slabs	144	SM		
J	Ditto horizontal landings	35	SM		
K	Edges of suspended Landing 150 to 225mm wide	32	LM		
L	Ditto to raking ramp 150 to 225mm wide	165	LM		
M	Ditto curved to 2500mm radii	17	LM		
	<u>Steel reinforcement as described including cutting to length bending hoisting and fixing including all necessary tying wires and spacing blocks (all provisional)</u>				
	<u>Ribbed bars</u>				
P	8mm diameter bars beams	690	KG		
Q	16mm ditto in beams	1274	KG		
R	10mm diameter bars in suspended slabs	4800	KG		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Ramp finishes</u>				
	<u>12mm thick cement sand (1:6) plaster to:</u>				
A	Beams	261	SM		
B	Sloping soffits of ramp	144	SM		
C	Horizontal soffits of landing	35	SM		
D	Raking edges of ramp	144	SM		
	<u>20mm thick cement sand (1:3) screed backing trowelled rough to receive terrazzo on:</u>				
E	Horizontal floor bed	35	SM		
F	Sloping ramp	144	SM		
G	Edge of kerb 300mm wide	112	LM		
	<u>20mm polished terrazzo on with 40x4mm thick white pvc dividing strip</u>				
H	Floors level	35	SM		
J	Sloping Ramp	144	SM		
K	Edge of kerb 300mm wide	112	LM		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
L	Beam	261	SM		
M	Sloping and horizontal soffits of ramp	144	SM		
N	Raking edges of ramp	90	SM		
	Total carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>COLLECTION</p> <p>A Brought forward from page 161</p> <p>B Brought forward from page 162</p>				
	Total Element No 11. 2 No. Ramps carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.12</u>				
	<u>ROOF CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL</u>				
	<u>Roof covering</u>				
A	1320x370mm stone coated steel "decra" roofing tiles or other equal approved onto but excluding steel truss laid to slope not exceeding 25 ⁰	275	Sm		
B	Translucent polycarbonic sky light roof covering to atrium	0	Sm		
C	Extra over for raking cutting	53	Lm		
	<u>Accessories, fixing as necessary to roof covering</u>				
D	Standard barrel half round ridge tile to match; 1320mm long to hip and ridge cap; and fixing to position	43	Lm		
E	Ditto hip cap	35	Lm		
F	Extra for stone coat box barge cover 1320mm long	117	Lm		
G	Ditto stone coat valley strip ditto	18	Lm		
H	Ditto stone coat side flashing ditto	20	Lm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOF CONSTRUCTION</u>				
	<u>All the following structural timber shall be sawn second grade treated cypress with 9-15% M.C.</u>				
A	100 x 75mm wall plate	105	Lm		
B	75 x 50mm purlins	307	Lm		
C	150 x 50mm ditto	49	Lm		
	<u>The following in Trusses with nailed connections including templates fillets, straps, splices and hoisting approx 6.3metres above ground level</u>				
	<u>Trusses</u>				
	Type	No off	pitch	span (Mm)	Rise (mm)
	T22	3	Double	7350	1009
	T23	2	Mono	5325	1009
	T24	24	Double	6000	804
	T25	4	Double	6000	536
D	150 x 50mm rafters	118	Lm		
E	150 x 50mm joists	180	Lm		
F	100 x 50mm ties and struts	171	Lm		
G	100x50mm king post	18	Lm		
H	100 x 50mm collar splice plate	30	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Other members</u>				
A	150 x 50mm valley rafters	35	Lm		
B	150 x 50mm hip rafters	35	Lm		
C	150 x 50mm common rafters	343	Lm		
D	200 x 25mm ridge board	43	Lm		
E	50x50mm battens	3755	Lm		
	<u>Anchor bolts</u>				
F	12mm x 50 x 2mm diameter "J" bolts, 400mm long with head nut and washers cast into concrete	120	No		
	<u>The following in wrot cypress</u>				
G	200 x 25mm thick fascia	0	Lm		
H	25 x 100mm tongue & grooved boarding secret nailed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres	258	Sm		
	Total curried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Rainwater disposal</u> <u>24g galvanized mild steel sheeting</u>				
A	Raking flashing overall 400mm girth top and turned and wedged into and including 50 x 50mm mortice in stone or concrete and rin in with cement and sand (1:3) mortar and bottom edge dressed over roofing	20	Lm		
B	Ditto horizontal	0	Lm		
	<u>26g galvanized mild steel sheeting; all welds ground smooth</u>				
C	200 x 200mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers	0	Lm		
D	Extra ; for blocked ends with 75mm dia. Outlet 100mm long	0	No		
E	100mm Diameter fulbora outlet	16	No		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	100mm diameter 22 gauge galvanized metal rain water downpipe fixed to wall with holder bats at 900mm centres	48	Lm		
B	Extra over downpipe for swan neck projecting 600mm	26	No		
C	Ditto shoe	26	No		
Galvanised mild steel sheet 22 gauge					
D	900mm girth lining to slopping gutters with 200mm laps comprising 15 x 200mm gutter and 200mm integral flashing each side	52	Lm		
Carried to collection below					
Collection					
Brought forward page 164					
Brought forward page 165					
Brought forward page 166					
Brought forward page 167					
Brought forward page 168					
Total element 07 roof construction to summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY FOR 1ST & 2ND FLOORS</u>				
1	Total from page 135 RC frame				
2	Total from page 136 Walling				
3	Total from page 141 Doors				
4	Total from page 144 Windows				
5	Total from page 147 External Finishes				
6	Total from page 150 Internal Finishes				
7	Total from page 151 Balustrades & Railings				
8	Total from page 155 Painting & Decorating				
9	Total from page 156 joinery and fixtures				
10	Total from page 160 Stair cases				
11	Total from page 163 2 No. Ramp				
12	Provide a sum of Kenya shillings Three million five hundred thousand (kshs. 3,500,000.00) for electrical installation				
13	Provide Kenya shillings Three million, five hundred thousand for Plumbing and drainage				
	Sub-Total for 1 No Typical floor				
	Multiply by two (02)				x2
	SUB-TOTAL				
14	Total from page 168 Roofing				
	Total for 1st & 2nd floors Carried to summary				

**PROPOSED OUTPATIENT DEPARTMENT AT RIFT VALLEY PROVINCIAL GENERAL
HOSPITAL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>3RD FLOOR</u>				
	<u>ELEMENT 01</u>				
	<u>REINFORCED CONCRETE FRAME</u>				
	Superstructures				
	Vibrated reinforced concrete (1:1 1/2:3) Class 25/20mm in:				
A	Beams	208	Cm		
B	Gutter beam - 150mm thick	309	Cm		
C	Columns	70	Cm		
D	Suspended slabs, thickness 150mm	2357	Sm		
E	150 x200mm thick kerb	443	Lm		
	<u>Reinforcement (all provisional)</u>				
	Deformed bars as described in:				
F	8mm diameter bars in beams	6247	Kgs		
G	16mm ditto in beams	10386	Kgs		
H	20mm ditto in beams	10004	Kgs		
J	8mm ditto; in column	2253	Kgs		
K	12mm ditto	0	Kgs		
L	16mm ditto in column	13065	Kgs		
M	20mm ditto;	32	Kgs		
N	8mm ditto in gutter beam	15833	Kgs		
P	10mm ditto	33815	Kgs		
Q	16mm ditto	9793	Kgs		
R	20mm ditto	6953	Kgs		
S	10mm in suspended floor slab	60723	Kgs		
T	12mm ditto in kerb	766	Kgs		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Sawn formwork to:</u>				
A	Sides and soffits of beams	2192	Sm		
B	Sides and soffits of gutter beams	709	Sm		
C	Sides of columns	448	Sm		
D	Ditto curved 225mm radii	72	Sm		
E	Ditto curved 200mm radii	316	Sm		
F	Sides of columns circular on plan to 125mm	0	Sm		
G	Soffites of suspended slabs	2357	Sm		
H	Edges of ditto 150-225mm wide	573	Lm		
J	Sides and soffites of kerb	166	Sm		
	Total carried to collection				
	<u>Collection</u>				
	Brought forward from page PGH/170				
	Brought forward from page 171 Above				
	Total element 01 summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 02</u>				
	<u>WALLING</u>				
	<u>External walls</u>				
	<u>Hessian based Bituminous Damp Proof Course bedded and jointed in cement sand mortar 1:3</u>				
A	200mm wide	0	Lm		
B	150mm wide	0	Lm		
C	Ditto; 100mm wide	0	Lm		
D	200mm thick natural stone walling; medium chiseled dressed; bedded and jointed in cement and (1:3) mortar	731	Sm		
E	200mm thick precast concrete louvre block walling jointed and bedded in cement mortar (1:4)	114	sm		
	<u>Internal walls</u>				
	<u>Approved load bearing machine dressed "Thika" natural stone walling bedded and jointed in cement sand (1:3) mortar with 20mm wide hoop irons in every alternate course</u>				
F	200mm thick walling	1120	Sm		
G	150mm thick ditto	0	Sm		
H	100mm thick	381	Sm		
J	200mm thick dwarf wall	77	SM		
	<u>Aluminium Partiion</u>				
K	Powder coated anodised aluminium curtain walling comprising 100 x 50mm extruded aluminium frame sections at 900mm vertical centers and 1050mm horizontal centres; panell infilled with and including 6mm clear sheet glass; 2700mm high overall	6	Lm		
	Total element 02 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 03				
	DOORS				
	Mild steel casement				
A	Double grilled door comprising 50 x 50 x 3mm rolled hollow section frame all round in filled with 30 x 30 x 2mm thick RHS vertical baluster 150mm center and similar horizontal member at 200mm centers in a straggered configuration overall size 1800 x 2550mm high	4	No		
B	Ditto single leaf size 900 x 2550mm high	2	No		
C	Mild steel pannel double door overall size 1200x2550mm high in 2No. equal leaves each leaf comprising of 6 No size 300x800mm high 10mm thick glass panels including 1200x200mm and 1200x300high double plate complete with 100x50x3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primer before delivery to the site	2	No		
D	Ditto size 900x1500mm high	2	No		
Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>Aluminium</p> <p>A Aluminium sections 2mm thick 50 x 50mm extrusions in top bottom and stiles and 100 x 50mm middle rail resulting bottom panel infilled with 25mm thick blockboard laminate faced both sides and top panel left open for glazing (m/s) in door overall size 900 x 3050mm high comprising 900 x 950mm high top fanlight and 900 x 2100mm openable leaf complete with and including locking devices</p> <p>B Ditto double doors in 2No. Equal leaves overall size 1800 x 3050mm high</p> <p>Timber doors</p> <p>C 50mm thick double paneled door overall size 1200 x 2400mm high all in solid mahogany in two equal leaves each leaf comprising 150mm top rail and stiles 200mm middle and bottom rail resulting both panels instilled with bevel raised and fielded panels</p>	0	No		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	HDF Mahogany veneered timber door				
A	45mm thick moulded panel door as supplied by BG Bison or other equal approved overall size 900 x 2850mm high with 950mm top fanlight	11	No		
B	45mm ditto size 900x2400mm high with 300mm fanlight ditto	0	No		
C	45mm thick moulded panelled double door in two equal leaves overall size 1200 x 2400mm high comprising of 300 x mm high glazed fan light at to (m/s) 1200 x 2100mm high openable leaves each faced with interior quality mahogany veneer both sides and hard wood lipped all round	45	No		
	Flush doors				
D	45mm thick semi solid cored flush door in 2No. Equal leaves hardwood lipped size 900 x 2850mm high faced both sides with interior quality veneer facing both sides with 900 x 750 high glazed fanlight at top	8	No		
E	Size 900 x 2100mm ditto	9	No		
F	Ditto 1300 x 2100mm high double leaf	6	No		
	The following in wrot mahogany				
G	200 x 50mm thick door frame with one labour plugged	331	Lm		
H	200 x 50mm transome, 2 labours	88	Lm		
J	200x50mm mullion	24	Lm		
K	150x50mm thick frame with one labour plugged	66	Lm		
L	150x50mm transome, 2 labours	10	Lm		
M	100 x 50mm frame one labours plugging	79	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	40 x 15mm architrave with one labour	476	Lm		
B	25mm quadrant	476	Lm		
C	25 x 25mm glazing beads	300	Lm		
	4mm thick clear sheet glass to wood:				
D	Panes 0.5 to 1.00 square meters	40	Sm		
E	Panes 0.1to 0.5 square metres	4	Sm		
	<u>4mm thick clear sheet to metal with glazing compound</u>				
F	Panes 0.5 to 1.00 square metres	1	Sm		
	Ironmongery				
	Supply and fix the following ironmongery as "union" or other equal and approved to wood with matching screws				
G	Cylinder Bathroom lock set with turn handle and rose in satin anodized aluminium set of lever furniture Ref. Toucan DS-051	15	No		
H	Double cylinder lock set with handle on plate complete with lever furniture ditto. Ref. Elegance LS-C85-306 SN	11	No		
J	5 lever Deadlock to steel door	6	No		
K	Double cylinder lock set for double door with satin anodized aluminium set of lever furniture Ref. Elegance LS-C85-306 SN	53	No		
L	100mm stainless steel bearing butt hinges Ref. BB-403030-SS	48	Prs		
M	100mm brass parliament butt hinges Ref. P-404040-SS	31.5	Prs		
N	Steel door lock	4	NO		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Door closer as Union Ref. 8834	2	No		
B	38mm diameter rubber door stopper plugged to floor	138	No		
C	150mm long lever action flush bolt Ref. No U8052	53	No		
	Total carried to collection				
	<u>Collection</u>				
	Brought forward from page 173				
	Brought forward from page 174				
	Brought forward from page 175				
	Brought forward from page 176				
	Brought forward from page 177				
	Total element o3 carried to summary				-

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>ELEMENT 04</u></p> <p>WINDOWS</p> <p>Fine chiseled "Blue Njiru" stone walling in cement mortar</p> <p>150 x 22mm cill, bedded and jointed in cement and sand 1:1 and pointed in coloured cement mortar</p>	264	Lm		
B	<p>Supply and fix double metal curtain rods from "Challenge Engineering" or other equal and approved comprising of 25mm diameter wrought iron front 16mm diameter rear rail complete with fixing brackets, curtain holding rings and decorative end stops and all necessary paintwork</p> <p>Curtain rods</p>	218	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - External</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>TOP HUNG OUTWARD OPENABLE</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2100 x 1650mm high	64	No		
B	2100 x 2000mm high	12	No		
C	2100 x 750mm high	8	No		
D	2400x1500mm high	12	No		
E	1500x900mm high	0	No		
F	900x600mm high	0	No		
	Glazing				
G	4mm thick Reflective sheet glass and glazing in panes 0.1-1.0sm with putty compound	307	Sm		
H	Ditto; obscured glass	13	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - Internal</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>Top Hung Outward Opening</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2100 x 1050mm high	25	No		
B	1500 x 1050mm high	10	No		
	Glazing				
C	4mm thick reflective sheet glass and glazing in panes 0.1-1.0sm with Putty compound	71	Sm		
D	Ditto; obscured glass	0	Sm		
	Total carried to collection				
	Collection				
	Brought forward from page 178				
	Brought forward from page 179				
	Brought forward from page 180 above				
	Total element 04 windows to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 05</u>				
	EXTERNAL FINISHES				
	Wall Finishes				
A	Extra over natural stone walling for neat flush horizontal and vertical joints in coloured cement mortar	0	Sm		
	Cement and sand (1:4)				
B	15mm thick cement sand (1:4) render to columns	268	Sm		
C	Ditto beam	256	Sm		
D	Ditto wall facade surfaces	722	Sm		
E	Ditto sides of gutter beam	437	Sm		
F	Ditto sides and soffites of kerb	255	Sm		
G	Screeding to receive brick facing	802	SM		
	<u>Cement lime plaster: 15mm thick (1:2:9)</u>				
H	Plaster to soffites of gutter	436	Sm		
	<u>Rough and Tough wall finish</u>				
J	Prepare and apply rough and touch exterior wall finish as "Crown paints" or equivalent and to approved colour	1582	Sm		
	<u>Hand scratched burnt clay</u>				
K	250x75x35mm thick brick facing in cement mortar	461	SM		
	Mazerah cladding				
L	200x200x20mm thick cladding fixed with cement and sand (1;2) mortar	341	SM		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Roof finishes				
A	Form groove in concrete for edge of felt roofing and grout in cement sand mortar (1:4) including forming bell mouth joint	492	Lm		
	<u>Supply and fit APP water proofing membrane (m/s) as Italbuild Ltd laid strictly in accordance with manufacturer's printed instructions</u>				
B	Gutter cover laid to fall and cross fall on sceed	267	Sm		
C	725mm high with top edge dressed into groove (m/s) and bottom edge jointed to felt	500	Lm		
D	Dress felt around 100mm rain water outlet	46	No		
	<u>Light weight roof screeds consisting of cement, sand and pumice (1:3:7) with 6mm layer of cement and sand topping laid to falls and crossfalls.</u>				
E	25mm screed on concrete to receive felt roofing sloping < 45 degrees from horizontal	267	Sm		
F	15mm ditto to sides of gutter beam	500	Sm		
G	50 x 50mm triangular fillet	492	Lm		
H	Work screed around 100mm rainwater outlet	46	No		
	Precast concrete class 20/12mm fair faced finished smooth				
J	250x50mm capping sunk weathered both surfaces ad twice throated bedded and jointed in cement mortar (1:3)	497	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>COLLECTION</u></p> <p>Brought forwad from page 181</p> <p>Brought forwad from page182</p>				
	Total element 05 external finishes to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 06				
	INTERNAL FINISHES				
	<u>FLOOR FINISHES</u>				
	Cement and sand (1:4) screed				
A	Screed backing under floors finished with wood float, thickness 32mm to receive ceramic tiles (m/s)	1317	Sm		
B	Ditto 20mm thick to floor to receive terrazzo (m/s)	961	Sm		
	Floor tiles				
C	330 x 330 x 8mm thick ceramic tiles as manufactured by "Flamingo Tiles" or other approved non-slip tiles fixed with approved adhesive in approved	1317	Sm		
D	100mm high ditto skirting	913	Lm		
	Polished white cement based terrazo				
E	20mm thick paving to floor polished smooth coomplete with and including 40x4mm thick white plastic divindings strips	961	Sm		
F	20x100mm high skirting rounded top edge and cored junction with floor	603	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	WALL FINISHES				
	Cement and sand (1:4) screed				
A	Screed backing to wall wood floated thickness 15mm	424	Sm		
	Coloured glazed ceramic wall tiles and fittings (cloakrooms)				
B	200 x 300 x 6mm as manufactured by "Flamingo Tiles" or other approved coloured tiles bedded and jointed in cement and sand 1:1 and pointed in coloured cement grouting	424	Sm		
	Cement Lime plaster; 15mm thick (1:2:9)				
C	Plaster to wall surfaces	3970	Sm		
D	Ditto concrete surface	827	Sm		
E	Ditto to soffits of suspended slabs	2357	Sm		
	CEILING FINISHES				
	Sawn cypress				
F	Suspended acoustic boards suspended to steel truss complete with corner panel suspensions, and flush jointing 12mm thick	202	Sm		
G	19mm gypsum ceiling lining to soffites in approved pattern	0	Sm		
H	Extra over for forming trap door size 600 x 600mm	0	No		
J	100 x 25mm decorative gypsum cornice	1751	Lm		
K	50x50mm Aluminium 'U' section channel fixed to timber	520	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Carried to collection				
	COLLECTION				
	Brought forward from page 184				
	Brought down from page 185				
	Total element 06 internal finishes to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.7</u>				
	<u>ROOF CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL</u>				
	<u>Roof covering</u>				
A	1320x370mm stone coated steel "decra" roofing tiles or other equal approved onto but excluding steel truss laid to slope not exceeding 25 ⁰	5616	Sm		
B	Translucent polycarbonic sky light roof covering to atrium	209	Sm		
C	Extra over for raking cutting	1024	Lm		
	<u>Accessories, fixing as necessary to roof covering</u>				
D	Standard barrel half round ridge tile to match; 1320mm long to hip and ridge cap; and fixing to position	117	Lm		
E	Ditto hip cap	248	Lm		
F	Extra for stone coat box barge cover 1320mm long	0	Lm		
G	Ditto stone coat valley strip ditto	264	Lm		
H	Ditto stone coat side flashing ditto	497	Lm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOF CONSTRUCTION</u>				
	<u>All the following structural timber shall be sawn second grade treated cypress with 9- 15% M.C.</u>				
A	100 x 75mm wall plate	651	Lm		
B	75 x 50mm purlins	5352	Lm		
C	150 x 50mm ditto	265	Lm		
	<u>The following in Trusses with nailed connections including templates fillets, straps, splices and hoisting approx 9.50 and 13.00 metres and above ground level</u>				
	<u>Trusses</u>				
	Type No off pitch span (mm) Rise (mm)				
	T22 3 Double 7350 1009				
	T23 2 Mono 5325 1009				
	T24 7 Mono 6000 804				
	T25 4 Mono 6000 536				
D	150 x 50mm rafters	1617	Lm		
E	150 x 50mm joists	1594	Lm		
F	100 x 50mm ties and struts	2352	Lm		
G	100x50mm king post	275	Lm		
H	100 x 50mm collar splice plate	4460	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Other members</u>				
A	150 x 50mm valley rafters	529	Lm		
B	150 x 50mm hip rafters	248	Lm		
C	150 x 50mm common rafters	117	Lm		
D	200x25mm ridge board	3755	Lm		
E	50x50mm battens				
	<u>Anchor bolts</u>				
F	12mm x 50 x 2mm diameter "J" bolts, 400mm long with head nut and washers cast into concrete	730	No		
	<u>The following in wrot cypress</u>				
G	200 x 25mm thick fascia	0	Lm		
H	25 x 100mm tongue & grooved boarding secret nailed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres	90	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Rainwater disposal</u> <u>24g galvanized mild steel sheeting</u>				
A	Raking flashing overall 400mm girth top and turned and wedged into and including 50 x 50mm mortice in stone or concrete and rin in with cement and sand (1:3) mortar and bottom edge dressed over roofing	0	Lm		
B	Ditto horizontal	100	Lm		
	<u>26g galvanized mild steel sheeting; all welds ground smooth</u>				
C	200 x 200mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers	0	Lm		
D	Extra ; for blocked ends with 75mm dia. Outlet 100mm long	0	No		
E	100mm Diameter fulbora outlet	40	No		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	100mm diameter 22 gauge galvanized metal rain water downpipe fixed to wall with holder bats at 900mm centres	400	Lm		
B	Extra over downpipe for swan neck projecting 600mm	46	No		
C	Ditto shoe	46	No		
	Galvanised mild steel sheet 22 gauge				
D	900mm girth lining to slopping gutters with 200mm laps comprising 15 x 200mm gutter and 200mm integral flashing each side	264	Lm		
	Carried to collection below				
	Collection				
	Brought forward page 187				
	Brought forward page 188				
	Brought forward page 189				
	Brought forward page 190				
	Brought forward page 191				
	Total element 07 roof construction to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 08				
	BALUSTRADING & RAILINGS				
	Wrot mahogany				
A	100 x 50mm hand rail	102	Lm		
	3mm thick mild steel circular hollow extrusion tubes				
	Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling				
B	Staircase railing raking 1250mm high	0	Lm		
C	Staircase railing horizontal curved to 1500mm radii 1250mm high	0	Lm		
D	Passage balustrades railing horizontal 1250mm high	102	Lm		
	Total element 08 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 10				
	PAINTING & DECORATING				
	ROOF				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:				
A	General surfaces of roof steel work	0	Kg		
B	General surfaces of 100mm diameter down pipe girth over 300mm	126	Lm		
	WINDOWS				
	Prepare and supply two undercoasts stainer and two finishing coats of vanish to:-				
C	Surfaces exceeding 100 but not exceeding 200mm girth window cill	264	Lm		
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:-				
D	Metal Casement surfaces girth over 300mm internally	462	Sm		
E	Ditto Externally	320	sm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	DOOR				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
A	General surfaces of doors	509	Sm		
B	Surfaces not exceeding 100mm girth	1095	Lm		
C	Surfaces 100 to 200mm girth	0	Lm		
D	Surfaces exceeding 200 but n.e. 300mm girth	495	Lm		
	Prepare and apply one undercoat and two finishing coats of gloss oil paint to:				
E	General surfaces of doors both side measured	67	Sm		
F	Surfaces not exceeding 100mm girth	158	LM		
G	Surfaces exceeding 100 but not exceeding 200mm girth	79	Lm		
H	Surfaces exceeding 200 but not exceeding 300mm girth	0	lm		
	Touch up primer and apply one undercoats and two finishing coats of 1st quality supergloss paint to:				
J	General surfaces of metal (b.s.m.)	146	Sm		
	EXTERNAL FINISHES				
	Prepare and apply rough and tough exterior wall finish as paint to:				
K	General rendered surfaces externally	1497	Sm		
L	Louvre block walling	114	Sm		
M	Soffites of gutter beams	304	Sm		
	Prepare and apply 1 No. coats stainer and 2 No. finishing coats of varnish to:				
N	General surfaces of mazerah tiling	341	Sm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	INTERNAL FINISHES				
	Prepare and apply one undercoat and two finishing coats of 1st quality silk vinyl paint to:-				
A	General plastered surfaces of walls	3970	Sm		
B	General plastered surfaces of horizontal suspended soffits	2357	Sm		
C	General plastered concrete surfaces	827	Sm		
D	Gypsum ceiling soffits	0	Sm		
E	General surfaces of coursed block walling	114	Sm		
F	Surfaces not exceeding 100mm girth of cornice	1751	Lm		
	JOINERY FIXTURES				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
G	General surface of timber	0	Sm		
H	Surfaces not exceeding 100mm girth	780	Lm		
J	Surfaces exceeding 100 but not exceeding 200mm girth	0	Lm		
	Total collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Metal work				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint paint to:-				
A	General surfaces of balcony balustrading	127	sm		
B	Ditto grilled surface s(b.s.m)	841	Sm		
	Prepare and apply two undercoats stainer and two finishing coats of varnish to:-				
C	Surfaces of rails exceeding 200mm but not exceeding 300mm girth	102	Lm		
	Total carried to collection below				
	<u>Collection page</u>				
	Brought forward from page 193				
	Brought forward from page 194				
	Brought forward from page 195				
	Brought down from 196 above				
	Total element 08 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p>ELEMENT NO . 9</p> <p>JOINERY FIXTURES</p> <p>Provide a sum of Kenya shillings two million five hundred thousand (Kshs. 2,500,000.00</p>		SUM		
	Total element 09 to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY FOR 3RD FLOOR</u>				
1	Total from page 171- RC Frame				
2	Total from page 172- Walling				
3	Total from page 177 - Doors				
4	Total from page 180 - Windows				
5	Total from page 183 - External finishes				
6	Total from page 186 - Internal finishes				
7	Total from page 191 - Roofing				
8	Total from page 192 - Balustrades and Railing				
9	Total from page 196 - Painting and decorations				
10	Total from page 197 - joinery and fixtures				
11	Provide a sum of Kenya shillings Three million, five hundred thousand for electrical installation				
12	Provide a sum of Kenya shillings Two million, five hundred thousand for plumbing and Drainage				
	Total for 2nd floor Carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PROVISIONAL SUMS</u>				
A	Provide sum of Kshs. Ten million (Kshs. 10,000,000.00) only for project management		SUM		
B	Add for profit		%		
C	Provide sum of Kshs.Fourty million (Kshs. 40,000,000.00) only for contingencies		SUM		
D	Allow the Provisional Sum of Kshs 1,250,000 in connection with provision of furniture and other equipment for Project Manager's office Furniture and equipment to revert back to the Employer at the end of the contract		SUM		
E	Allow the Provisional Sum of Kshs 250,000.00 in connection with the Project Manager's miscellenous account for due performace of the Project Manager's office to be spent in whole or part as instructed by the Project Manger and to be reimbursed against receipts.		S SUM		
	Site requirements and approvals				
F	Allow a Provisional Sum of KShs 350,000 in connection with environmental mitigation measures including procurement, transport and installation of items as directed by the Project Manager.		SUM		
G	Allow a Provisional Sum of KShs 2,500,000 in connection with shifting and relocation of services and utilities as directed by the Project Manager.		SUM		
H	Allow a Sum of KShs 1,040,000.00 in connection with supervision as follows: 1 No. Clerk of Works at Kshs. 10,000 per week		SUM		
J	Allow a Sum of KShs 1,300,000 in connection with payment of Resident Engineer's allowances at Kshs. 12,500 per week		SUM		
K	Allow a Provisional sum of kenya shillings for ten million Kshs. 10,000,000.00 for Boundary wall and fencing		SUM		
L	Allow a Provisional sum of kenya shillings for thirty million Kshs. 30,000,000.00 for civil works		SUM		
	TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>Transport</u></p> <p>The contractor shall provide for site trips only a vehicle of type Toyota or Nissan Van to comfortably seat Nine persons including maintaining licences and insurances, competent driver; all to the satisfaction of the Project Manager. The vehicle shall be provided specifically for and during site visits by the supervisory technical team. The vehicle shall be in perfect conditions for the entire duration of the trip i.e from Ministry of Roads, Transport and PublicWorks head office situated at the county works office building, Nakuru, off Nakuru - Kabarak Road to Rift Valley Provincial General Hospital and back to the office including local running. The driver shall be at the sole direction of the Project Manager for the entire duration of the trip, until release by him/her (Total approximate return journey is 10Km)</p> <p>Reimbursement for the contractor for providing the transport service driver, servicing, fuels, oils, lubricants and tyres will be based per trip all at the rate here below (Contractor to insert rate - Item A inserted</p> <p>A Allow for providing a vehicle as above described including maintenance, fuels, lubricants spares and tyres etc (one day)</p> <p>Carried to collection</p> <p><u>COLLECTION</u></p> <p>Brought forward from page 199</p> <p>Brought forward from page 200 Above</p>	208	Trips	6000	
	TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PRIME COST SUMS</u>				
A	Provide a Prime cost of Kenya shillings one million Six hundred thousand (Kshs. 1,600,000.00) for Lightning protection		SUM		
B	Provide a Prime cost of Kenya shilling Nine hundred thousand (Kshs. 900,000.00) for Fire Detection and alarm system		Sum		
C	Provide a Prime Cost of Kenya shillings Two million, (Kshs. 2,000,000.00) only for external security lighting		Sum		
D	Provide a Prime Cost of Kenya shillings Three million, (Kshs. 3,000,000.00) only for KP & LC Ltd service line		SUM		
E	Provide a Prime Cost Sum of Kenya shillings Seventeen million (Kshs. 17,000,000.00) for IP CCTV. Structured cabling and IP PABX Installations		SUM		
F	Provide a Prime Cost Sum of Kenya shillings Six million (Kshs. 6,000,000.00) for Generator set		SUM		
G	Provide a Prime Cost Sum of Kenya shillings Ten million (Kshs. 10,000,000.00) for high and low level water tanks		SUM		
H	Provide a Prime Cost sum of Kenya shillings thirteen million (Kshs. 13,000,000.00) for Medical gases		SUM		
	TOTAL CARRIED TO SUMMARY				

**PROPOSED OUTPATIENT DEPARTMENT BLOCK AT RIFT
VALLEY PROVINCIAL GENERAL HOSPITAL NAKURU**

ITEM	DESCRIPTION	FROM PAGE		KSHS
	<u>SUMMARY</u>			
A	PARTICULAR PRELIMINARIES	75		
B	GENERAL PREMINARIES	88		
C	TOTAL FOR GROUND FLOOR	134		
D	TOTAL FOR 1ST & 2ND FLOOR	169		
E	TOTAL FOR 3RD FLOOR	198		
	SUB-TOTAL			
F	TOTAL FOR PROVISIONAL SUMS	200		
G	TOTAL FOR PRIME COST SUM S	201		
TOTAL CARRIED				
TO FORM OF TENDER 16% V.A.T INCLUSIVE				
Contract Period80 weeks..... Amount in words Tenderers Name Address SignatureDate.....				
202				