

PROPOSED NEW SURGICAL BLOCK (THEATRE EXTENSION) AT ELDAMA RAVINE HOSPITAL

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	SUBSTRUCTURES ALL PROVISIONAL NOTE; All work measured under this element is upto and including the floorslab but excluding the finishes thereon:-				
A	Clear the site of all bush scrub undergrowth and small trees grub up roots and cart away or burn all arising	104	SM		
B	Excavate oversite average 250mm deep to remove vegetable soil load up wheel and cart away.	104	SM		
C	Excavate for strip foundation trenches occuring not exceeding 1.5metres deep commencing from existing ground level	51	CM		
D	Extra over excavations for excavating in rock	17	CM		
E	Allow for keeping excavations free from mud and all water including spring and running water by pumping pailing or other approved means.		ITEM		
F	Allow for planking and strutting to sides of excavations Disposal		ITEM		
G	Load surplus excavated material and cart away	28	CM		
	Filling				
H	Return fill in and ram selected excavated material around foundations.	40	CM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	Hardcore as described 300mm Thick layer of imported hardcore filling including levelling consolidating and/or hand packing and blinding(m.s)	84	SM		
B	Blinding 50mm Thick layer murram or other equal and approved blinding to the surface of hardcore;rolled smooth to receive polythene sheeting(m.s)	84	SM		
C	Insecticide treatment "TERMIDOR 25 EC" or other equal and approved chemical insecticide treatment prepared and applied according to the manufacturer's printed instructions.	84	SM		
D	Damp proof membrane 500 Gauge polythene or other equal and approved plastic sheet damp proof membrane laid over blinding (measured nett allow for laps)	84	SM		
E	In-situ concrete work Mass concrete (1:3:6) 50mm Thick blinding under strip foundations	34	SM		
F	Vibrated reinforced concrete (1: 2:4/20 20mm aggregate) as described in:- Strip foundations	7	CM		
G.	150mm Thick floor slab	84	SM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Steel reinforcement				
	Supply and fix bar/rod reinforcement including bending hooks tying wire cutting spacers and supporting all in position as described.				
	High tensile square twisted bars to B.S.4461				
A	12mm Diameter	280	KG.		
B.	8mm Diameter	190	KG.		
	Mesh reinforcement				
C	Fabric mesh reinforcement to B.S. 4483 ref: A142 including laps tying wire and spacer blocks complete(measured nett-allow for laps)	84	SM		
	Sawn formwork as described to:				
D	Vertical sides of foundations	44	SM		
E	Edges of floor slab 75-150mm high	39	LM		
	Foundation walling				
F	200mm Thick rough chiselled dressed natural stone walling bedded and jointed in cement and sand (1:3) mortar and reinforced with and including 20 swg x 25 mm wide hoopiron in every alternate course	39	SM		
	Plinth area finishes				
G	12mm Thick cement and sand (1:3) wood float render to plinth area	16	SM		
H	Prepare and apply three coats black bitumastic paint to rendered area	16	SM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Paving slabs around building				
A	200mm Thick well watered and compacted murrum filling	21	SM		
B	Treat surface of murrum with approved weed killer	21	SM		
C	50mm thick levelled consolidated bed of sand	21	SM		
	Precast concrete (1:2:4/20) class 20/20 fair faced including moulds: bedded jointed and pointed in cement and sand (1:4) mortar as described				
D	600 x 600 x 50mm Thick paving slabs laid on bed of sand(m.s.)	21	SM		
	Mass concrete (1:3:6/38-38mm aggregate)				
E	Ex. 50 x 50mm splayed edging to paving slabs(m.s.)	34	LM		
Carried to collection below					
COLLECTION					
Brought forward from		TH/		1	
Brought forward from		TH/		2	
Brought forward from		TH/		3	
Brought down from		TH/		4	
TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURES					

TH/

4

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO.2				
	REINFORCED CONCRETE FRAME				
	Vibrated reinforced concrete (1:2:4/20-20mm) aggregate as described in:				
A.	Ringbeam/beams		5 CM		
	Steel reinforcement				
	Supply and fix steel bar/rod reinforcement including bending hooks tyingwire cutting spacer blocks and supporting all in position				
	High tensile square twisted bars to B.S. 4461 as described in ;				
B	12mm Diameter	275	KG.		
C	8mm Diameter	138	KG.		
	Sawn formwork as described to ;				
D	Sides and soffits of ringbeam/beams	48	SM		
	Metal Tubes				
E	12mm Diameter x 250mm Long black hold down bolts set in concrete complete with nuts and washers	12	NO		
F	100 x 50 X 2.5mm thick RHS mild steel tubes welded to plates(m.s.)	26	NO		
G	150 x 150 x 6mm Thick mild steel plate welded to end of ms tubes and angles	24	NO		
H	100 x 50 x 6mm Thick mild steel angles welded to plates	24	NO		
		Carried to collection			
TH/		5			

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A.	Painting Prepare and apply one coat of red oxide primer before transporting to site and another on site to general surfaces of steel columns surfaces including preparing and applying two coats gloss oil paint		8 SM		

Carried to collection below

COLLECTION	TH/	5
Brought forward from		
Brought down from	TH/	6 Above
TOTAL FOR ELEMENT NO. 2		
REINFORCED CONCRETE FRAME		
CARRIED TO SUMMARY		

TH/ 6

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO. 3				
	WALLING				
	Natural (quarry) stone walling				
	bedded and jointed in cement and sand (1:3) mortar with recessed joints as described in:-				
A.	200mm Thick reinforced with and including 20swg x 25mm wide hoopiron in every alternate course	168	SM		
C.	Extra overwalling for eaves closing	38	LM		
	Horizontal damp proof course ; one layer of 3 - ply bituminous felt or other equal and approved (measured nett - allow for laps)				
D.	150mm Wide levelled and bedded in cement and sand (1:3) mortar under walls	54	LM		

Carried to collection

COLLECTION	TH/	7 Above
Brought forward from		
TOTAL FOR ELEMENT NO.3		
WALLING		
CARRIED TO SUMMARY		

TH/ 7

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO.4				
	ROOFING				
	Construction				
	All timber to be sawn cypress of G.S. grade seasoned to an equilibrium moisture content of between 9% and 15% and to the requirement of K.S. 02 771 of 1991 treated with approved wood preservative				
A.	100 x 50mm Wall plate on and including 10mm cement and sand (1:4) mortar bed secured to reinforced concrete ringbeam(m.s.) by black mild steel anchor bolts (m.s.)	76	LM		
	The following in 10 No. Nailed timber trusses spanning clear 6150mm (average) height 1600mm including hoisting and placing 3000mm above floor slab level				
B.	100 x 50mm Trussed rafter	163	LM		
C.	100 x 50mm Hip rafter	28	LM		
D.	150 x 50mm Tie beam/kingpost	132	LM		
E.	100 x 50mm Strut/tie Independent members	102	LM		
F.	75x 50mm purlins	210	LM		
Carried to collection					
TH/		8			

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Covering				
A.	Gauge 28 Approved Profile Pre-painted sheet roofing fixed on purlins(m.s.)	196	SM		
B.	Gauge 28 Ridge capping to match covering Wrot cypress	22	LM		
C.	25 x 225mm Fascia board fixed to end of rafters(m.s) Sundries	58	LM		
D.	12mm Diameter x 250mm long black mild steel anchor bolt embedded 180mm deep in ringbeam at 1200mm centres including drilling holes in timber	60	NO		
E.	100 x 100 x 6mm Thick galvanized mild steel nailing cleat once bent to form angle ; ten times drilled ; one flange nailed to foot of rafter (m.s.) other nailed to top of wallplate (m.s.)	68	NO		
	Painting				
	Prime only back of wood before fixing				
F.	Surfaces 100-200mm girth	58	LM		
	Knot prime stop and apply one under coat and two finishing coats gloss oil paint to;				
G.	General surfaces of wood 200 - 300mm girth	174	LM		
Carried to collection					
TH/		9			

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Rain water disposal				
	The following in Approved Heavy Gauge plastic				
A.	150mm diameter half round gutters fixed to fascia board with and including approved pattern brackets at 1000mm centres	28	LM		
B.	Extra over gutter for 100 x 75mm square outlet	2	NO		
C.	Extra over gutter for stopped end	2	NO		
D.	100 mm Diameter down pipe fixed to wall with and including holder bats at 600mm centres (In No.12)	6	LM		
E.	Extra over down pipe for swan neck off set	2	NO		
F.	Extra over down pipe for shoe	2	NO		
Carried to collection					
COLLECTION					
Brought forward from page		TH/	8		
Brought forward from page		TH/	9		
Brought down from page		TH/	10		
TOTAL FOR ELEMENT NO.4 ROOFING					
CARRIED TO SUMMARY					

TH/

10

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO.5				
	WINDOWS				
	Supply and fix the following ex- shop purpose made welded mild steel casement windows comprising of standard z-section framing including all couplings mullions and or transomes;metal gauze permanent vents; complete with approved brass fasteners and stays:-				
A.	Window overall size 2000 x 1500mm high	1	NO		
	Window overall size 2000 x 800mm high	1	NO		
B.	Window overall size 1700 x 1500mm high	6	NO		
C.	Window overall size 1400 x 800mm high	6	NO		
	Window Cill				
D	250 x 75mm Thick precast concrete window cill weathered and throated, reinforced as necessary , finished fair faced including hoisting and bedding in cement and sand (1:3) mortar(In No.)	21	LM		
	Glazing				
	4mm Thick clear sheet glass in metal putty in :				
E	Panes exceeding 0.50sq.m. but not exceeding 1.00 sq.m.	23	SM		
	4mm Thick obscure sheet glass in metal putty in :				
F	Panes exceeding 0.10sq.m. but not exceeding 0.50 sq.m.	1	SM		
	Pelmet boxes				
	The following in 7 No. Pelmet boxes				
	Sawn celcured cypress				
G	50 x 50mm Bearer plugged	21	LM		
Carried to collection					

TH/

11

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Wrot cypress as described				
A	125 x 25mm Thick pelmet fascia with two labours	21	LM		
B	125 x 25mm Thick top	21	LM		
C	150 x 150 x 20mm Thick boxed end cut to profile	26	NO		
	Curtain tracks				
D	Standard I-section heavy duty brass curtain track screwed to soffits of pelmet top(m.s.) with fixing brackets runners end stops laps and complete assessories to approval	21	LM		
	Painting				
	Prime only back of wooden surfaces with aluminium or other equal and approved primer before fixing				
E	Surfaces exceeding 100mm but not exceeding 200mm girth	21	LM		
F	Surfaces not exceeding 100mm girth	21	LM		
	Prepare and apply three coats of clear polyurethane varnish to :				
G	General surfaces of wood exceeding 200mm but not exceeding 300mm girth	63	LM		
H	General surfaces of wood exceeding 100mm but not exceeding 200mm girth	63	LM		
	Prepare and apply one under coat and two finishing gloss oil paint to:				
J	General surfaces of metal (windows) internally	24	SM		
K	General surfaces of metal (windows) externally	24	SM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	COLLECTION				
	Brought forward from	TH/	11		
	Brought forward from	TH/	12		
	TOTAL FOR ELEMENT NO.5				
	WINDOWS				
	CARRIED TO SUMMARY				

TH/

13

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO. 6				
	DOORS				
A	1500mm wide x 2400mm high overall mild steel panelled door in two equal leaves each size 625mm x 2400mm high comprising of 75 x 50 x 6mm thick mild steel framing all round ,1.6mm thick mild steel sheet welded to 75 x 50 x 6 mm thick angle bracings top and middle rails complete with handles purpose made hinges and all necessary accessories including priming with one coat of red oxide primer before delivery to site and all welds ground smooth	2	NO		
B	1200 x 2400mm ditto	1	NO		
C	900 x 2400mm ditto	2	NO		
	Painting				
D	General surfaces of Metal	18	SM		
	Prime grade cypress as described				
E	90 x 45mm(finished) Frame once rebated	33	LM		
F	38 x 20mm(finished) Architrave	33	LM		
G	20 x 20mm(finished) Quadrant	33	LM		
	50mm Thicks Semi Solid core flush door faced both sides with 5mm thick interior quality plywood hardwood lipped all edges to approval				
H	Door overall size 1500 x 2100mm high	3	NO		
J	Door overall size 900 x 2100mm high	2	NO		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Iron mongery Supply and fix the following iron mongery with matching screws to wood and/or metal (where applicable) Iron mongery is to " UNION" catalogue unless otherwise specified				
A	3- lever rebated mortice lock complete with approved furniture	5	NO		
B	100mm Pressed steel butt hinges	12	PRS		
	Door stoppers				
C	40mm Diameter rubber door stop fixed to wall or floor with approved rawl bolt	5	NO		
	Metal fixing cramps				
D	250 x 30 x 3mm Thick wrought iron fixing cramps ; once bent ; one end split and fanged and built into masonry other end drilled and screwed to frame Painting Prime only back of frame with aluminium or other equal and approved primer before fixing as described to;	24	NO		
E	Frames ; surfaces not exceeding 100mm girth Knot prime stop and apply one undercoat and two finishing coats gloss oil paint to:-	33	LM		
F	General surfaces of wood	30	SM		
G	General surfaces of wood 100 - 200mm girth	99	LM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	COLLECTION				
	Brought forward from	TH/	14		
	Brought forward from	TH/	15		
	TOTAL FOR ELEMENT NO. 6				
	DOORS				
	CARRIED TO SUMMARY				

TH/

16

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO. 7				
	FINISHES				
	Floor finishes				
	Insitu cement and sand (1:3) screeded beds, with steel trowelled finish , on concrete				
A	30mm Thick backing finished with a wood float to treceive floor Terrazzo m.s.)	73	SM		
B	100mm high skirting	88	LM		
	Coloured approved ceramic tiles (provisional)				
C	30mm thick well polished terrazzo floor finish	73	SM		
D	100mm high terrazzo skirting	88	LM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Wall finishes				
	Two coat gauged cement lime and sand (1:2:9) plaster steel trowelled smooth				
A.	12mm(minimum) Thick to natural stone walls internally	122	SM		
	Cement and sand (1:4) screed				
B.	12mm Thick backing to receive wall tiles(m.s)	146	SM		
	150 x 150 x 6mm Thick white glazed tiles jointed and pointed with matching cement and sand (1:3) mortar as described				
C.	On walls	146	SM		
D.	Extra over tiles for rounded edge	92	LM		
E.	12 x 12mm Deep cement and sand (1:4) horizontal recessed pointing	80	LM		
	Ceiling finishes				
	Lining				
F.	12mm Thick celotex ceiling lining on brandering(m.s) and set in symmetrical V-joints	124	SM		
G.	Extra over for trap door size 600 x 600mm complete	2	NO		
	Sawn cypress				
H.	100 x 50mm Brandering but plugged	136	LM		
J.	50 x 50mm Brandering	422	LM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A.	Wrot camphor 12 x 100mm Moulded cornice plugged Painting Prime only back of frame with aluminium or other equal and approved primer before fixing as described to;	136	LM		
B	Timber ; surfaces exceeding 100mm but not exceeding 200mm girth	136	LM		
C	Timber ; surfaces not exceeding 100mm girth Knot prime stop and prepare and apply three coats of polyurethane lacquer to:-	136	LM		
D	General surfaces of wood exceeding 100mm but not exceeding 200mm girth	136	LM		
E	General surfaces of wood not exceeding 100mm girth Prepare and apply one undercoat and three coats of plastic emulsion paint to :-	136	LM		
F	Plastered walls internally Prepare and apply one undercoat and three coats of plastic emulsion paint to :-	203	SM		
G	Soft borad internally	124	SM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	External wall finishes	30	SM		
	Cement and sand (1:4) screed as described:-				
	12mm Thick render finished with a wood float				
B	Painting and Decoration	30	SM		
	Prepare and apply one undercoat and three coats of gloss oil paint to :-				
	Rendered concrete surfaces				
Carried to collection below					
COLLECTION					
Brought forward from		TH/	17		
Brought forward from		TH/	18		
Brought forward from		TH/	19		
Brought down from		TH/	20		
TOTAL FOR ELEMENT NO. 7					
FINISHES					
CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO.8				
	FITTINGS-ALL PROVISIONAL				
	12mm thick MDF board				
A	Shelving	28	SM		
	Sawn Cypress,prime grade				
B	50 x 25mm bearer	54	LM		
	<u>Insitu concrete; reinforced; class 20 / (20mm); vibrated</u>				
C	100mm conc suspended worktop	12	sm		
D	50mm thick concrete to plinths	12	sm		
	<u>Reinforcement</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461</u>				
	<u>including bends, hooks, tying wire and distance blocks</u>				
E	Of assorted bars	130	kg		
	<u>Sawn formwork to insitu concrete as described:-</u>				
F	To soffits of worktops	12	sm		
G	Edges of suspended slab; 75 to 150mm wide	12	lm		
H	Ditto to plinths; 75 to 150mm wide	12	lm		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	COLLECTION Brought forward from	TH/		21	
	TOTAL FOR ELEMENT NO. 8 FITTINGS CARRIED TO SUMMARY				-

TH/ 22

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	WATER STORAGE TANK				
A.	Rotationally moulded polyethlyn tank tested to BS 2782; Method of testing plastics; of nominal capacity of 5000 litres as manufactured by 'Roto' or approved equal loft tank cylindrical vertical closed end tank with lid model No. SL No. 4 complete with inlet outlet and overflow connections as described below-;	2	NO		
B.	*20mm diameter inlet pipe connection	2	NO		
C.	*15mm diameter outlet pipe connection	2	NO		
D.	*20mm diameter overflow pipe connection2	2	NO		
E.	Tank Connection 19mm Diameter straight tank connector with BS Threads2	4	NO		
F	Ball Valve Peglar 13mm diameter high pressure delayed action cast brass valve MOH pattern with 1 1/4" shank2	9	NO		
G	Ball Float Peglar 4 1/2"13mm diameter high pressure polypropylene plastic float2	2	NO		
H	Allow for construction of a 3000mm diameter tank stand consisting of masonry walling, finishes, 100mm thick base infilled with hardcore and murram to approval with all the necessary excavations; All to the approval of the Project Manager	2	NO		
<i>Carried to collection</i>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	ELEMENT NO.10				
	PLUMBING /INTERNAL & EXTERNAL DRAINAGE SYSTEM DRAINAGE				
	Supply deliver and install the following appliances including their support brackets screws e.t.c. and their connection to water supply waste/soil drainage and electrical power supply:-				
	Sinks				
A	900 x 600 mm wide Dhobi sink finished with terrazzo	2	NO		
	Water distribution				
B	G I pipes 13mm dia Class 'B' complete with fittings concealed underground 300mm (minimum)	20	M		
C	G I pipes 13mm dia Class 'B' complete with fittings to the water Cisterns, Wash hand basins concealed in plaster	6	M		
D	G I pipes 19mm dia Class 'B' complete with fittings from tank to toilet block	12	M		
	Provide and install the following GI items				
E	13mm diameter Gate valve as peglar	1	NO		
F	19mm diameter mm ditto	1	NO		
G	19 x 13 Reducing Tee	2	NO		
H	19 mm Equal Tee	2	NO		
J	13mm ditto	1	NO		
K	19 mm Elbows	3	NO		
L	13mm ditto	4	NO		
M	19 mm Unions	2	NO		
N	13mm ditto	4	NO		
<i>Carried to collection</i>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	WASTE WATER DRAINAGE Supply and fix uPVC soil system to B.S. 4660 and B.S. 4515 and MuPVC waste systems to B.S. 5255 with screwed and socketed joints to B.S. 21. Solvent welded joints shall be as per the system's manufacturer's written instructions. Medium Grade MuPVC Waste system				
A.	100mm diameter Waste pipe	12	LM		
B.	150mm diameter Waste pipe	12	LM		
	Extra Over MuPVC Waste pipework for the following:-				
C.	201.125.92 Sweep Bend	6	NO		
D.	201.125.135 Sweep Bend	6	NO		
E.	204.125.91 Sweep Tee	6	NO		
F.	237.125 Access Plug	6	NO		
G.	279.2 Trapped floor gully	6	NO		
H.	282.3 floor gully inlet	6	NO		
	Medium Grade uPVC Buried Drain System				
J.	150mm diameter Buried Drain Pipe	12	LM		
	Extra Over uPVC Buried Drain pipework for the following:-				
K.	1801.4.87 Short radius Bend	6	NO		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A.	Inspection Chambers Connection Allow for connection of 100mm diameter PVC soil pipe to manhole(m.s) including all necessary works such as excavation walling e.t.c as necessary	6	NO		
B.	Excavation Excavate trench for drainage pipe not exceeding 1000mm deep from ground level and average 600mm deep part return fill in and ram and remainder cart away	30	LM		
C.	Allow for keeping the whole of the excavation free from all water soil and mud by pumping pailing or otherwise		ITEM		
D.	Gully Traps Allow for a standard 300 x 300 x 450mm masonry gully trap with cast iron P-trap drain pipe cover e.t.c	3	NO		
E.	Testing and commissioning Allow for setting to work testing and commissioning		ITEM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	DRAINAGE SYSTEM (ALL PROVISIONAL)				
	MANHOLE CONSTRUCTION/SEWER PIPE				
	MANHOLE CONSTRUCTION				
A	Excavate for, provide all materials and construct manhole type "A" complete to SE detail with masonry walling . Include for removal of surplus material, shuttering, step irtons,concrete manhole covers and frame. Average depth 0.6meters	2	NO		
	TRENCH EXCAVATION				
B	Excavate trench for 150mm diameter UPVC sewer pipe, starting from ground level not exceeding 1.5metres deep average depth 1.00metres, backfill after laying pipe	6	cm		
C	Backfill in hardcore or crushed stones around pipe drain	4	CM		
D	Cart away surplus excavated material and/ or spread on site as directed	1	CM		
E	Provide, lay and joint 150mm diameter UPVC golden brown sewer pipe class 41 with flexible (rubber ring) joints	10	LM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	COLLECTION				
	Brought forward from page	TH/ 24			
	Brought forward from page	TH/ 25			
	Brought forward from page	TH/ 26			
	Brought forward from page	TH/ 27			
	TOTAL FOR ELEMENT NO. 10				
	INTERNAL & EXTERNAL DRAINAGE SYSTEM				
	CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT KSHS
	ELDAMA RAVINE THEATRE				
	LIGHTING AND SMALL POWER INSTALLATIONS				
	OPERATING THEATRE				
	LIGHTING INSTALLATIONS				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø high impact heavy gauge PVC conduits	No.	5		
2	Supply and install the following light fittings :				
i	1 x1200mm 33W Battern LED fitting as Philips BN008C or approved equivalent		4		
ii	Allow a lighting point for operation theatre light (operating theatre light to be supplied seperately)	No.	1		
iii	2 Gang 2way switch		1		
iii	1 Gang 1way switch		2		
	SMALL POWER INSTALLATIONS				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the Socket outlet point in the operating theatre .	No.	4		
4	Supply and install the following outlets				
i	13 A twin weatherproof Socket outlets,IP66 as MK or equivalent and approved in the operating theatre	No.	4		
5	Supply and install radial circuit wired in 3×4.0 mm sq. PVC SC cables drawn in 25mm Ø high impact heavy gauge PVC conduits to the double pole switch				
	Points for AC unit	No.	2		
i	Supply and install 32A double pole switch complete with neon indicator for	No.	2		
	(Ac unit to be supplied seperately)				
6	Supply and install radial circuit wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the opertating theatre room bed head unit(Bed head unit to be supplied seperately)	No.	1		

	RECOVERY AREA				
	SMALL POWER INSTALLATIONS				
1	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the Socket outlet point in the recovery area.	No.	2		
2	Supply and install the following outlets				
i	13 A twin Socket outlets, as Tronic or approved equivalent in the recovery room	No.	2		
3	Supply and install radial circuit wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the recovery room bed head	No.	1		
	LIGHTING INSTALLATIONS				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø high impact heavy gauge PVC conduits	No.	4		
2	Supply and install the following light fittings :				
i	1 x1200mm 33W Battern LED fitting as Philips BN008C or approved equivalent	No	4		
	SLUICE				
	LIGHTING INSTALLATIONS				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø high impact heavy gauge PVC conduits	No.	3		
2	Supply and install the following light fittings:				
i	1 x1200mm 33W Battern LED fitting as Philips BN008C or approved equivalent	No	4		
	Sub Total 1				
TH/ 29					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	SCRUB AREA				
	LIGHTING INSTALLATIONS				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø high impact heavy gauge PVC conduits	No.	9		
2	Supply and install the following light fittings:				
i	1 x1200mm 33W Battern LED fitting as Philips BN008C or approved equivalent	No	8		
ii	1Gang 2way switch as Tronic or approved equivalent	No	3		
ii	1Gang 1way switch as Tronic or approved equivalent	No	2		
	SMALL POWER INSTALLATIONS				
1	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the Socket outlet point in the recovery area.	No.	1		
2	Supply and install the following outlets				
i	13 A twin Socket outlets,as Tronic or approved equivalent Scrub Area	No.	1		
	SCRUB IN/OUT				
	LIGHTING INSTALLATIONS				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø high impact heavy gauge PVC conduits	No.	6		
2	Supply and install the following light fittings as Tronic or approved equivalent:				
i	Spherical LED ball fitting as Tronic or approved equivalent	No	6		

	CONSUMER UNIT				
1	Supply and Install 8way SPN Consumer unit as Tronic or approved equivalent with 63A incomer for the new theatre lighting and small power	No.	2		
2	Supply and Install the following M.C.B				
i	Lighting 10Amps s.p	No.	2		
ii	Small power 32 Amps s.p	No.	3		
iii	Blanking Plates	No.	3		
3	Supply and install 2CX16mmsq.PVC.SWA.PVC cable from the distribution Board				
i	Located within the hospital complex to the 8way consumer unit located in new theatre for lighting and small power.	L.M.	50		
ii	Supply and install cable lugs to match the above cable	No.	4		
iii	Supply and install cable glands for the above cable Label the distribution cable with tags at both ends of termination.	No.	2		
	Sub Total 2				
	TOTAL FOR ELECTRICAL WORKS	Kshs.			
	Allow for contingencies.	Kshs.	5%		
	GRAND TOTAL				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	MAIN SUMMARY				
1	SUBSTRUCTURES	TH/	4		
2	R.C. FRAME	TH/	6		
3	WALLING	TH/	7		
4	ROOFING	TH/	10		
5	WINDOWS	TH/	13		
6	DOORS	TH/	16		
7	FINISHES	TH/	20		
8	FITTINGS	TH/	22		
9	WATER STORAGE TANK	TH/	23		
10	INTERNAL & EXTERNAL DRAINAGE SYSTEM	TH/	28		
11	ELECTRICAL WORKS	TH/	30		
	TOTAL				
	CARRIED TO GRAND SUMMARY				

TH/ 31

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	PC AND PROVISIONAL SUMS				
	Allow a provisional sum of Kenya Shillings Four Hundred Thousand (500,000.00) material test and project Compliance		SUM		
	<i>Carried to collection</i>				

PS/ 1	Brought down from	PC 1	Above	
	Total for PC and Provisional Sums			
	CARRIED TO GRAND SUMMARY			

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	GRAND SUMMARY				
1	BUILDER'S WORK - THEATRE BLOCK		TH/31		
3	PROVISIONAL SUMS		PS/1		
	SUB TOTAL				
	Add 10% contingency				
	Sub Total 2				
4	ADD VAT			16%	
	TOTAL FOR PROPOSED THEATRE BLOCK AT ELDAMA RAVINE HOSPITAL				

NAME OF TENDERER.....
ADDRESS.....
SIGNATURE.....

DATE.....
NAME OF WITNESS.....
ADDRESS.....
SIGNATURE.....
DATE.....