

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ADMINISTRATION BLOCK</u></b>				
	<b><u>ELEMENT NO.1</u></b>				
	<b><u>SUBSTRUCTURES(All Provisional)</u></b>				
	<b><u>SITE PREPARATION</u></b>				
	<b><u>Excavations</u></b>				
A	Clear site of bushes, shrubs and other vegetation; grubbing up roots and dispose as directed	0	SM		
B	Excavate oversite to remove veteble soil 200mm average depth, loads, wheel and deposit where directed on site and level	0	SM		
C	Excavate for foundation trenches not exceeding 1.50mm deep from stripped level.	0	CM		
D	Excavate for column pit not exceeding 1.50m from stripped level	0	CM		
E	Extra over excavation for excavating in rock.	0	CM		
F	Allow for keeping all excavations free from all water	0	ITEM		
G	Allow for strutting and plunking	0	ITEM		
	<b><u>Disposal</u></b>				
H	Return, fill and ram extra excation materials around foundation	0	CM		
I	Cart away surplus excavated materials	0	CM		
	<b><u>Filling</u></b>				
J	Average 300mm thick hardcore bed well watered, leveled and compacted	0	CM		
K	50m thick murram blinding	0	SM		
	<b><u>Insecticide treatment</u></b>				
L	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	0	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>CONCRETE WORKS</b>				
A	<b>Plain concrete class P (1:4:8) in:-</b> 50mm thick blinding under foundations and bases	0	SM		
B	<b>Reinforced concrete class 25/20 in:-</b> Foundation strip	0	CM		
C	Columns bases	0	CM		
D	Columns	0	CM		
E	Ground beam	0	CM		
F	150mm thick floor slab	0	SM		
	<b>Reinforcement</b>				
G	<b>Mild steel bar reinforcement to B.S.4449 as described</b> 8mm diameter bars	0	KG		
H	<b>High tensile square twisted bar reinforcement to B.S4461 including cutting, beinding and tying wire</b> 8mm diameter bars	0	KG		
I	10mm diameter bars	0	KG		
J	12mm diameter bars	0	KG		
K	B.R.C. Mesh reinforcement No. A142	0	SM		
L	<b>Sawn formwork to</b> Vertical foundation sides	0	SM		
M	Ditto to column bases	0	SM		
N	Ditto to column sides	0	SM		
O	Edges of beds exceeding 75mm but not exceeding 150mm high	0	LM		
P	Ground beam	0	SM		
	<b>Total carried to collection</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Walling</u></b>				
A	<b>Solid coral block walling bedded and jointed in cement and sand mortarn 1:4 in:-</b> 200mm thick walling	0	SM		
B	<b>Damp proofing</b> 200mm wide bituminous damp proof course bedded in cement sand mortar 1:4	234	LM		
C	1000 gauge polythene sheet underlay	0	SM		
D	15mm thick cement and sand render on plinth	35	SM		
E	Prepare and apply two coats bituminous oil paint to plinth	35	SM		
	<b><u>Paving Slabs</u></b>				
F	Excavate trench for edge wall foundation average 600mm deep, part return fill and ram remainder cart away	12	CM		
G	Plain concrete (1:3:6) in strip foundation	4	CM		
H	150mm thick coral block edge walling in cement sand (1:3) mor	18	SM		
I	300mm thick approoved hardcore well compacted in layers	20	SM		
J	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	20	SM		
K	600 x 600 x 50mm precast concrete (1:2:4) paving slabs pointed in cement sand (1:3) mortar and laid on 50 mm	28	SM		
	<b><u>Expansion Joint</u></b>				
L	12mm flexcell or any other equal and approved expansion joint	9	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection</u>				
A	Brought forward from page 1/1				
B	Brought forward from page 1/2				
C	Brought forward from page 1/3				
	<b>TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 2</u></b>				
	<b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>				
	<b><u>Vibrated reinforced concrete clas 25/20 in:-</u></b>				
A	Beams	15	CM		
B	Columns	8	CM		
	<b><u>Reinforcement</u></b>				
	<b><u>High Tensile twisted reinforcement bars B.S 4461 as described</u></b>				
C	8mm diametr bars	683	KG		
D	12mm diameter bars	1264	KG		
	<b><u>Sawn formwork to:-</u></b>				
E	Vertical columns sides	117	SM		
F	Sides and soffits of horizontal beams	185	SM		
	<b><u>Expansion Joint</u></b>				
G	12mm flexcell or any other equal and approved expansion joint	3	SM		
	<b><u>TOTAL FOR REINFORCED CONCRETE SUPERSTRUCTURE CARRIED TO SUMMARY</u></b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .3</b>				
	<b><u>WALLING</u></b>				
	<b><u>Solid coral block walling bedded and jointed in cement and sand mortar 1:4</u></b>				
A	200mm thick external walling	178	SM		
B	Ditto internal walling	117	SM		
C	Ditto gable walling	19	SM		
D	100mm thick walling	19	SM		
E	Fair rake cutting to 200 mm gable walls	46	LM		
<b>TOTAL FOR WALLING CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .4</b>  <b>ROOFING (ALL PROVISIONAL)</b> Supply and fabricate the following structural steel members including welding, plates, bolts etc complete with red lead primer, one universal undercoat and two finishing coats of gloss oil paint to exposed metalwork after erection				
A	50 x50 x 4mm SHS section top and bottom chord	275	LM		
B	40 x 40 x 3mm SHS section ties and struts	265	LM		
C	150 x 50 x 2mm 'Z' purlins fixed to trusses(m.s)	454	LM		
D	Prepainted IT5 Rigidal aluminium Gauge24 roofing sheets fixed to 'Z' purlins(m.s) with 'J' bolts	457	SM		
E	500mm wide ridge cover to match	108	LM		
F	Ditto valley ridge cover to match	9	LM		
	<b>Wrot cypress : 1st grade</b>				
F	250 x 35mm Fascia or barge board	130	LM		
G	Prepare and apply three coats of first grade emulsion paint to fascia board : Over 200mm but n.e 300mm girth	130	LM		
	<b>Rainwater disposal</b>				
H	75mm	130	LM		
I	Extra over for stopped ends	8	NO		
J	Extra over for outlet	8	NO		
K	100mm diameter UPVC down pipes fixed to wall with holding clips at 1200mm centres	24	LM		
L	Extra over for swan neck 1000mm long	8	NO		
M	Extra over for shoe 1000mm long	8	NO		
	<b>Double sided Sisalation Roof underlays</b>				
N	Roof underlay laid with 150mm (minimum) end and side laps and supported appropriately to timber rafters (m.s)	457	SM		
	<b>TOTAL CARRIED TO COLLECTION</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Eave Finish</u></b>				
A	<b>Brandering to the roof</b> 75x50mm timber brandering to the eaves	260	LM		
B	Ditto; 50x50mm	130	LM		
C	25mm thick x 100mm wide prime grade cypress strips tongued and grooved eaves boarding in secret nailed to and including softwood brandering at 600mm centres both directions(m.s)	78	SM		
D	20x20mm cypress quadrant beading	260	LM		
E	Prepare and apply one coat pinotex stain and two coats polyurethane matt varnish to T & G Boarding	78	SM		
F	Ditto surfaces over 100mm but not exceeding 200mm girth	260	LM		
	<b><u>Carried to collection</u></b>				
	<b><u>Collection</u></b>				
	<b>Brought forward from page 1/7</b>				
	<b>Brought forward from above</b>				
	<b>TOTAL FOR ROOFING CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 5</u></b>				
	<b><u>DOORS</u></b>				
	<b>Panelled Hardwood Doors</b>				
A	50mm thick mvule panelled door overall size 1200 x 2400m; comprising 2No. openable leaf size 600 x 2100mm high with 125 x 50mm stiles, middle and top rails, 200 x 50mm bottom rail and 1200 x 300mm high funlights at the top (m.s) . (Refer to architects detail)	4	NO.		
B	Ditto 900 x 2400m high.	13	NO.		
C	45mm thick semi solid cored flush door size 900 x 2100mm high, with mahogany veneered plywood and hardwood lipping on all edges	5	NO.		
	<b><u>Timber Mvule Framework</u></b>				
D	150 x 50 mm frame with two labour twice rebated: plugged with rounded edges	123	LM		
E	Ditto transome	16	LM		
F	50 x 25mm architrave	123	LM		
G	15 x 15mm quardrant beading	123	LM		
	<b><u>Iron Momgery</u></b>				
H	3-Lever rebated mortice lock complete with locking furniture as 'Union'or equal	4	NO		
I	3 lever mortice lock as 'union'	13	NO.		
J	100mm brass butt hinges	39	PRS.		
K	Rubber door stop with rawl bolt	24	NO.		
L	Pressed steel indicator bolts (vacant/engaged) - ref 8094SS	7	NO.		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Fan light</b>				
A	Two blades carrier approved anodized aluminium louvre jamb with 150mm plastic clips	19	PRS		
B	5x150mm clear glass louvre blade with ground edges.	31	LM		
C	16mm diameter mild steel burglar proof bars	31	LM		
D	20mm diameter PVC conduit pipes in burglar bars	31	LM		
	<b>Knot prime stop and apply 3 coats of polyurethane clear lacquer to woodwork surfaces</b>				
E	General surfaces of woodwork	65	SM		
F	Surfaces 100 to 200mm girth	118	LM		
G	Surfaces 50 to 100mm girth	118	LM		
	<b><u>Prepare and apply one undercoat primer and two finishing first gloss oil paint to:</u></b>				
H	Surface of woodwork generally	19	SM		
I	Ditto not exceeding 150mm girth	26	LM		
	<b>Carried to collection</b>				
	<b><u>Collection</u></b>				
	<b>Brought forward from page 1/9</b>				
	<b>Brought forward from above</b>				
	<b>TOTAL FOR DOORS CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.6</u></b>				
	<b><u>WINDOWS</u></b>				
	Supply and fix aluminium framed Windows; fabricated from approved composite extruded SDF natural heavy duty approved standard hollow aluminium sections 60 x45 x 2.5mm thick; all glazed with 6mm solar glass; glass secured to aluminium window framing using approved glazing gaskets and 15x10mm aluminium glazing beads including waterproofing all joints using approved silicon sealing compounds and including approved aluminium brackets; all necessary rust proof ironmongery such as window fasteners, stay locks, aluminium hinges etc; all to Architect's approval and detail drawings:-				
A	1500 x 1800mm high	20	NO		
B	850 x 1800mm high;	6	NO		
C	750 x 900mm high;	6	NO		
	<b><u>Windows cill</u></b>				
C	Approved 600 x 275 x 175mm thick precast concrete coloured window cill bedded and jointed in cement (sand (1:3) mortar	40	LM		
	<b><u>Burglar Proofing</u></b>				
	Fabricate, supply and fix mild steel grill; constructed with 25 x 25 x 3mm RHS vertical framing; infilled with 12 mm diameter solid bars at 150 mm center in both directions to form diamond shape; fixed with lugs built into concrete or stone walls: all primed with red oxide . (Refer to architect's detail)				
D	1500 x 1800mm high	20	NO		
E	850 x 1800mm high;	6	NO		
F	750 x 900mm high;	6	NO		
	<b><u>Prepare and apply one undercoat primer and two finishing first gloss oil paint to:</u></b>				
G	General metal surfaces (measured over on both sides)	135	SM		
	<b><u>TOTAL FOR WINDOWS CARRIED TO SUMMARY</u></b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b><u>FINISHES</u></b>					
<b><u>WALL FINISHES</u></b>					
<b>External Walls</b>					
A	15mm cement and sand (1:4) render with wood float on external walling .	226	SM		
B	Prepare and apply one undercoat and two finishing coats of approved long lasting, weather proof paint to rendered surfaces externally	226	SM		
<b>Internal Walls</b>					
C	15mm cement and sand (1:4) plaster trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	414	SM		
D	Prepare and apply one undercoat and two finishing coats of approved first grade emulsion paint to plastered surfaces	414	SM		
<b>Ceramic Tiles</b>					
E	15 mm thick cement and sand (1:3) backing prepared to receive ceramic wall tiles	118	SM		
F	Supply and fix approved ceramic wall tiles on prepared backing including grouting and edge protectors where required.	118	SM		
<b><u>FLOOR FINISHES</u></b>					
<b>Cement and sand (1:3) screeds, backings, beds etc</b>					
G	25mm bed finished to receive terrazo floor finish (m.s)	283	SM		
H	15mm thick terrazo floor finish including 32 x 3mm thick plastic dividing strip where required complete with rough and smooth sanding and polished with acid to approval	283	SM		
I	Ditto 20 x 100 mm skirting	239	LM		
<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>					

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>CEILING FINISHES</u></b>				
<b>A</b>	<b>Brandering</b> 75x50mm timber brandering to the ceiling	694	LM		
<b>B</b>	50x50mm timber brandering to the ceiling	463	LM		
<b>C</b>	Supply and fix 12mm thick soft board ceiling fixed to brandering (m.s) with clout nails	317	SM		
<b>D</b>	75x25mm cypress covetto moulded cornice plugged	322	LM		
<b>E</b>	Prepare and clean surfaces: apply one coat skimming compound as 'Wall Magic' or equal and approved: apply one coat "Crown" Cover Matt and three coats silk vinyl emulsion paint: from "Crown" or equal approved: on softboard ceiling	317	SM		
<b>F</b>	Ditto not exceeding 100mm girth	322	LM		
	<b>Total carried to collection</b>				
	<b>Collection</b>  Brought forward from page 1/12  Brought forward from above				
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ADMINISTRATION BLOCK SUMMARY</u></b>				
1	<b>SUBSTRUCTURE FROM 1/4</b>				
2	<b>R.C SUPERSTRUCTURES FROM 1/5</b>				
3	<b>WALLING FROM 1/6</b>				
4	<b>ROOF FROM 1/8</b>				
5	<b>DOORS FROM 1/10</b>				
6	<b>WINDOWS FROM 1/11</b>				
7	<b>FINISHES FROM 1/13</b>				
	<b>TOTAL FOR BUILDERS WORK CARRIED TO MAIN SUMMARY</b>				

# DORMITORY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>GIRLS DORMITORY</u></b>				
	<b><u>ELEMENT NO.1</u></b>				
	<b><u>SUBSTRUCTURES(All Provisional)</u></b>				
	<b><u>SITE PREPARATION</u></b>				
	<b><u>Excavations</u></b>				
A	Clear site of bushes, shrubs and other vegetation; grubbing up roots and dispose as directed	0	SM		
B	Cut down tree girth 1500 - 1800mm, including grubbing up roots, chop up trunk and cart away arising	0	NO		
C	Excavate oversite to remove veteble soil 200mm average depth, loads, wheel and deposit where directed on site and level	0	SM		
D	Excavate for foundation trenches not exceeding 1.50mm deep from stripped level.	0	CM		
E	Excavate for column pit not exceeding 1.50m from stripped level	0	CM		
F	Extra over excavation for excavating in rock.	0	CM		
G	Allow for keeping all excavations free from all water	1	ITEM		
H	Allow for strutting and plunking	1	ITEM		
	<b><u>Disposal</u></b>				
I	Return, fill and ram extra excation materials around foundation	100	CM		
J	Cart away surplus excavated materials	91	CM		
	<b><u>Filling</u></b>				
K	Average 300mm thick hardcore bed well watered, leveled and compacted	118	CM		
L	50m thick murram blinding	391	SM		
	<b><u>Insecticide treatment</u></b>				
M	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	391	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>CONCRETE WORKS</b>				
	<b><u>Plain concrete class P (1:4:8) in:-</u></b>				
A	50mm thick blinding under foundations and bases	0	SM		
	<b><u>Reinforced concrete class 25/20 in:-</u></b>				
B	Foundation strip	0	CM		
C	Columns bases	0	CM		
D	Columns	2	CM		
E	Ground beam	13	CM		
F	150mm thick floor slab	410	SM		
	<b><u>Reinforcement</u></b>				
	<b><u>Mild steel bar reinforcement to B.S.4449 as described</u></b>				
G	8mm diameter bars	455	KG		
	<b><u>High tensile square twisted bar reinforcement to B.S4461 including cutting, beinding and tying wire</u></b>				
H	8mm diameter bars	0	KG		
I	10mm diameter bars	0	KG		
J	12mm diameter bars	0	KG		
K	B.R.C. Mesh reinforcement No. A142	410	SM		
	<b><u>Sawn formwork to</u></b>				
L	Vertical foundation sides	0	SM		
M	Ditto to column bases	0	SM		
N	Ditto to column sides	24	SM		
O	Edges of beds exceeding 75mm but not exceeding 150mm high	98	LM		
P	Ground beam	126	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Walling</u></b>				
A	<b>Solid coral block walling bedded and jointed in cement and sand mortarn 1:4 in:-</b> 200mm thick walling	0	SM		
B	<b>Damp proofing</b> 200mm wide bituminous damp proof course bedded in cement sand mortar 1:4	209	LM		
C	1000 gauge polythne sheet underlay	410	SM		
D	15mm thick cement and sand render on plinth	30	SM		
E	Prepare and apply two coats bituminous oil paint to plinth	30	SM		
	<b><u>Paving Slabs</u></b>				
F	Excavate trench for edge wall foundation average 600mm deep, part return fill and ram remainder cart away	26	CM		
G	Plain concrete (1:3:6) in strip foundation	9	CM		
H	150mm thick coral block edge walling in cement sand (1:3) mor	39	SM		
I	300mm thick approoved hardcore well compacted in layers	44	SM		
J	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	44	SM		
K	600 x 600 x 50mm precast concrete (1:2:4) paving slabs pointed in cement sand (1:3) mortar and laid on 50 mm apporved on sand	58	SM		
	<b><u>Expansion Joint</u></b>				
L	12mm flexcell or any other equal and approved expansion joint	17	SM		
<b>Total carried to collection</b>					

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection</u>				
A	Brought forward from page 2/1				
B	Brought forward from page 2/2				
C	Brought forward from page 2/3				
	<b>TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 2</u></b>				
	<b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>				
	<b><u>Vibrated reinforced concrete clas 25/20 in:-</u></b>				
A	Beams	19	CM		
B	Columns	5	CM		
	<b><u>Reinforcement</u></b>				
	<b><u>High Tensile twisted reinforcement bars B.S 4461 as described</u></b>				
C	8mm diametr bars	663	KG		
D	12mm diameter bars	1610	KG		
	<b><u>Sawn formwork to:-</u></b>				
E	Vertical columns sides	82	SM		
F	Sides and soffits of horizontal beams	234	SM		
	<b><u>Expansion Joint</u></b>				
G	12mm flexcell or any other equal and approved expansion joint	3	SM		
	<b><u>TOTAL FOR REINFORCED CONCRETE SUPERSTRUCTURE CARRIED TO SUMMARY</u></b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .3</b> <b><u>WALLING</u></b> <b><u>Solid coral block walling bedded and jointed in cement and sand mortar 1:4</u></b>				
A	200mm thick external walling	239	SM		
B	Ditto gable walling	25	SM		
C	Ditto internal walling	397	SM		
D	100mm thick walling	134	SM		
E	Fair rake cutting to 200 mm gable walls	36	LM		
<b>TOTAL FOR WALLING CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .4</b>				
	<b>ROOFING (ALL PROVISIONAL)</b>				
	Supply and fabricate the following structural steel members including welding, plates, bolts etc complete with red lead primer, one universal undercoat and two finishing coats of gloss oil paint to exposed metalwork after erection				
A	50 x50 x 4mm SHS section top and bottom chord	253	LM		
B	40 x 40 x 3mm SHS section ties and struts	131	LM		
C	150 x 50 x 2mm 'Z' purlins fixed to trusses(m.s)	471	LM		
D	Prepainted IT5 Rigidal aluminium Gauge24 roofing sheets fixed to 'Z' purlins(m.s) with 'J' bolts	528	SM		
E	500mm wide ridge cover to match	39	LM		
	<b>Wrot cypress : 1st grade</b>				
F	250 x 35mm Fascia or barge board	105	LM		
G	Prepare and apply three coats of first grade emulsion paint to fascia board : Over 200mm but n.e 300mm girth	105	LM		
	<b>Rainwater disposal</b>				
H	Supply and fix plastic box gutter overall size; 28G x 100 x 75mm	78	LM		
I	Extra over for stopped ends	4	NO		
J	Extra over for outlet	4	NO		
K	100mm diameter UPVC down pipes fixed to wall with holding clips at 1200mm centres	12	LM		
L	Extra over for swan neck 1000mm long	4	NO		
M	Extra over for shoe 1000mm long	4	NO		
	<b>Double sided Sisalation Roof underlays</b>				
N	Roof underlay laid with 150mm (minimum) end and side laps and supported appropriately to timber rafters (m.s)	528	SM		
	<b>TOTAL CARRIED TO COLLECTION</b>				-

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Eaves Finish</u></b>				
A	<b>Brandering to the roof</b> 75x50mm timber brandering to the eaves	210	LM		
B	Ditto; 50x50mm	105	LM		
C	25mm thick x 100mm wide prime grade cypress strips tongued and grooved eaves boarding in secret nailed to and including softwood brandering at 600mm centres both directions(m.s)	63	SM		
D	20x20mm cypress quadrant beading	210	LM		
E	Prepare and apply one coat pinotex stain and two coats polyurethane matt varnish to T & G Boarding	63	SM		
F	Ditto surfaces over 100mm but not exceeding 200mm girth	210	LM		
	<b><u>Carried to collection</u></b>				
	<b><u>Collection</u></b>  Brought forward from page 2/7  Brought forward from above				
	<b>TOTAL FOR ROOFING CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 5</u></b>				
	<b><u>DOORS</u></b>				
	<b>Panelled Hardwood Doors</b>				
A	50mm thick mvule panelled door overall size 2200 x 2700m; comprising 2No. openable leaf size 900 x 2400mm high with 125 x 50mm stiles, middle and top rails, 200 x 50mm bottom rail and 2200 x 300mm high funlights at the top (m.s) . (Refer to architects detail)	3	NO.		
B	Ditto door size 1000 x 2400m high.	5	NO.		
C	Ditto 900 x 2400m high.	14	NO.		
D	45mm thick semi solid cored flush door size 900 x 2100mm high, with mahogany veneered plywood and hardwood lipping on all edges	18	NO.		
	<b><u>Frames</u></b>				
	<b><u>Timber Mvule Framework</u></b>				
E	150 x 50 mm frame with two labour twice rebated: plugged with rounded edges	214	LM		
F	Ditto transome	25	LM		
G	50 x 25mm architrave	214	LM		
H	15 x 15mm quardrant beading	214	LM		
	<b><u>Iron Momgery</u></b>				
I	3-Lever rebated mortice lock complete with locking furniture as 'Union'or equal	3	NO		
J	3 lever mortice lock as 'union'	21	NO.		
K	100mm brass butt hinges	66	PRS.		
L	Rubber door stop with rawl bolt	25	NO.		
M	Pressed steel indicator bolts (vacant/engaged) - ref 8094SS	12	NO.		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Fan light</b>				
A	Two blades carrier approved anodized aluminium louvre jamb with 150mm plastic clips	44	PRS		
B	5x150mm clear glass louvre blade with ground edges.	49	LM		
C	16mm diameter mild steel burglar proof bars	49	LM		
D	20mm diameter PVC conduit pipes in burglar bars	49	LM		
	<b>Knot prime stop and apply 3 coats of polyurethane clear lacquer to woodwork surfaces</b>				
E	General surfaces of woodwork	120	SM		
F	Surfaces 100 to 200mm girth	75	LM		
G	Surfaces 50 to 100mm girth	75	LM		
	<b><u>Prepare and apply one undercoat primer and two finishing first gloss oil paint to:</u></b>				
H	Surface of woodwork generally	61	SM		
I	Ditto not exceeding 150mm girth	151	LM		
	<b>Carried to collection</b>				
	<b><u>Collection</u></b>				
	<b>Brought forward from page 2/9</b>				
	<b>Brought forward from above</b>				
	<b>TOTAL FOR DOORS CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.6</u></b>				
	<b><u>WINDOWS</u></b>				
	Supply and fix aluminium framed Windows; fabricated from approved composite extruded SDF natural heavy duty approved standard hollow aluminium sections 60 x45 x 2.5mm thick; all glazed with 6mm solar glass; glass secured to aluminium window framing using approved glazing gaskets and 15x10mm aluminium glazing beads including waterproofing all joints using approved silicon sealing compounds and including approved aluminium brackets; all necessary rust proof ironmongery such as window fasteners, stay locks, aluminium hinges etc; all to Architect's approval and detail drawings:-				
A	1800 x 1800mm high	15	NO		
B	750 x 900mm high; top hang	9	NO		
	<b><u>Windows cill</u></b>				
C	Approved 600 x 275 x 175mm thick precast concrete coloured window cill bedded and jointed in cement (sand (1:3) mortar	34	LM		
	<b><u>Burglar Proofing</u></b>				
	<b><u>Fabricate, supply and fix mild steel grill; constructed with 25 x 25 x 3mm RHS vertical framing; infilled with 12 mm diameter solid bars at 150 mm center in both directions to form diamond shape; fixed with lugs built into concrete or stone walls: all primed with red oxide . (Refer to architect's detail)</u></b>				
D	1800 x 1800mm high	15	NO		
E	750 x 900mm high; top hang	9	NO		
	<b><u>Prepare and apply one undercoat primer and two finishing first gloss oil paint to:</u></b>				
F	General metal surfaces (measured over on both sides)	55	SM		
	<b><u>TOTAL FOR WINDOWS CARRIED TO SUMMARY</u></b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>FINISHES</u></b>				
	<b><u>WALL FINISHES</u></b>				
	<b>External Walls</b>				
A	15mm cement and sand (1:4) render with wood float on external walling .	307	SM		
B	Prepare and apply one undercoat and two finishing coats of approved long lasting, weather proof paint to rendered surfaces externally	307	SM		
	<b>Internal Walls</b>				
C	15mm cement and sand (1:4) plaster trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	966	SM		
D	Prepare and apply one undercoat and two finishing coats of approved first grade emulsion paint to plastered surfaces	966	SM		
	<b>Ceramic Tiles</b>				
E	15 mm thick cement and sand (1:3) backing prepared to receive ceramic wall tiles	267	SM		
F	Supply and fix approved ceramic wall tiles on prepared backing including grouting and edge protectors where required.	267	SM		
	<b><u>FLOOR FINISHES</u></b>				
	<b>Cement and sand (1:3) screeds, backings, beds etc</b>				
G	25mm bed finished to receive terrazo floor finish (m.s)	346	SM		
H	15mm thick terrazo floor finish including 32 x 3mm thick plastic dividing strip where required complete with rough and smooth sanding and polished with acid to approval	346	SM		
I	Ditto 20 x 100 mm skirting	364	LM		
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>CEILING FINISHES</u></b>				
A	<b>Brandering</b> 75x50mm timber brandering to the ceiling	34	LM		
B	50x50mm timber brandering to the ceiling	22	LM		
C	Supply and fix 12mm thick soft board ceiling fixed to brandering (m.s) with clout nails	35	SM		
D	75x25mm cypress covetto moulded cornice plugged	17	LM		
E	Prepare and clean surfaces: apply one coat skimming compound as 'Wall Magic' or equal and approved: apply one coat "Crown" Cover Matt and three coats silk vinyl emulsion paint: from "Crown" or equal approved: on softboard ceiling	35	SM		
F	Ditto not exceeding 100mm girth	17	LM		
	<b>Total carried to collection</b>				
	<b><u>Collection</u></b>  Brought forward from page 2/12  Brought forward from above				
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>JOINERY FITTING</b>				
	<b>The following 1000mm x600mm x2400mm high wardrobes</b>				
A	<b>Benching</b> Insitu concrete class 15/20 in 100mm thick in benching	19	SM		
B	Sawn formwork to edges of benching in ditto over 75mm but not exceeding 150mm high	28	LM		
C	<b>Framing</b> 50mm x 25mm hardwood in framing	222	LM		
D	<b>25mm thick blockboard hardwood lipped around to all edges</b> Top, Bottom & Shelves	53	SM		
E	Doors overall size 500mm x 2400mm high	67	SM		
	<b>Supply and fix the following ironmongery with screws to match (Ref. Is to Union catalogue or other equal and approved)</b>				
F	Marple hinges	56	PAIRS		
G	Brass door handles to approval	28	NO		
H	Door lock ditto	28	NO		
I	Extra over wardrobe shutters for 20mm diameter half round timber beading	28	LM		
	<b><u>Prepare and apply one undercoat and two finishing coats of gloss oil paint to</u></b>				
J	General surface of woodwork	241	SM		
K	Ditto not exceeding 150mm girth	222	LM		
	<b>TOTAL FOR FITTINGS CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>DORMITORY SUMMARY</u></b>				
1	<b>SUBSTRUCTURE FROM PAGE 2/4</b>				
2	<b>RC SUPERSTRUCTURES FROM PAGE 2/5</b>				
3	<b>WALLING FROM PAGE 2/6</b>				
4	<b>ROOF FROM PAGE 2/8</b>				
5	<b>DOORS FROM PAGE 2/10</b>				
6	<b>WINDOWS FROM PAGE 2/11</b>				
7	<b>FINISHES FROM PAGE 2/13</b>				
8	<b>JOINERY FITTINGS FROM PAGE 2/14</b>				
	<b>TOTAL FOR BUILDERS WORK CARRIED TO MAIN SUMMARY</b>				

# CONFERENCE HALL

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>CONFERENCE HALL</u></b>				
	<b><u>ELEMENT NO.1</u></b>				
	<b><u>SUBSTRUCTURES(All Provisional)</u></b>				
	<b><u>SITE PREPARATION</u></b>				
	<b><u>Excavations</u></b>				
A	Clear site of bushes, shrubs and other vegetation; grubbing up roots and dispose as directed	0	SM		
B	Excavate oversite to remove veteble soil 200mm average depth, loads, wheel and deposit where directed on site and level	0	SM		
C	Excavate for foundation trenches not exceeding 1.50mm deep from stripped level.	0	CM		
D	Excavate for column pit not exceeding 1.50m from stripped level	0	CM		
E	Extra over excavation for excavating in rock.	0	CM		
F	Allow for keeping all excavations free from all water	0	ITEM		
G	Allow for strutting and plunking	0	ITEM		
	<b><u>Disposal</u></b>				
H	Return, fill and ram extra excation materials around foundation	15	CM		
I	Cart away surplus excavated materials	20	CM		
	<b><u>Filling</u></b>				
J	Average 300mm thick hardcore bed well watered, leveled and compacted	15	CM		
K	50m thick murram blinding	50	SM		
	<b><u>Insecticide treatment</u></b>				
L	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	50	SM		
	<b><u>Total carried to collection</u></b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>CONCRETE WORKS</b>				
	<b><u>Plain concrete class P (1:4:8) in:-</u></b>				
A	50mm thick blinding under foundations and bases	0	SM		
	<b><u>Reinforced concrete class 25/20 in:-</u></b>				
B	Foundation strip	0	CM		
C	Columns bases	0	CM		
D	Columns	1	CM		
E	Ground beam	2	CM		
F	150mm thick floor slab	56	SM		
	<b><u>Reinforcement</u></b>				
	<b><u>Mild steel bar reinforcement to B.S.4449 as described</u></b>				
G	8mm diameter bars	71	KG		
	<b><u>High tensile square twisted bar reinforcement to B.S4461 including cutting, beinding and tying wire</u></b>				
H	8mm diameter bars	29	KG		
I	10mm diameter bars	53	KG		
J	12mm diameter bars	253	KG		
K	B.R.C. Mesh reinforcement No. A142	56	SM		
	<b><u>Sawn formwork to</u></b>				
L	Vertical foundation sides	0	SM		
M	Ditto to column bases	0	SM		
N	Ditto to column sides	7	SM		
O	Edges of beds exceeding 75mm but not exceeding 150mm high	30	LM		
P	Ground beam	19	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Walling</u></b>				
A	<b>Solid coral block walling bedded and jointed in cement and sand mortarn 1:4 in:-</b> 200mm thick walling	30	SM		
B	<b>Damp proofing</b> 200mm wide bituminous damp proof course bedded in cement sand mortar 1:4	31	LM		
C	1000 gauge polythene sheet underlay	56	SM		
D	15mm thick cement and sand render on plinth	30	SM		
E	Prepare and apply two coats bituminous oil paint to plinth	30	SM		
	<b><u>Paving Slabs</u></b>				
F	Excavate trench for edge wall foundation average 600mm deep, part return fill and ram remainder cart away	8	CM		
G	Plain concrete (1:3:6) in strip foundation	3	CM		
H	150mm thick coral block edge walling in cement sand (1:3) mor	12	SM		
I	300mm thick approoved hardcore well compacted in layers	14	SM		
J	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	14	SM		
K	600 x 600 x 50mm precast concrete (1:2:4) paving slabs pointed in cement sand (1:3) mortar and laid on 50 mm approved on sand	18	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection</u>				
A	Brought forward from page 3/1				
B	Brought forward from page 3/2				
C	Brought forward from page 3/3				
	<b>TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 2</u></b>				
	<b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>				
	<b><u>Vibrated reinforced concrete clas 25/20 in:-</u></b>				
A	Beams	3	CM		
B	Columns	2	CM		
	<b><u>Reinforcement</u></b>				
	<b><u>High Tensile twisted reinforcement bars B.S 4461 as described</u></b>				
C	8mm diametr bars	120	KG		
D	12mm diameter bars	237	KG		
	<b><u>Sawn formwork to:-</u></b>				
E	Vertical columns sides	23	SM		
F	Sides and soffits of horizontal beams	35	SM		
	<b><u>TOTAL FOR REINFORCED CONCRETE SUPERSTRUCTURE CARRIED TO SUMMARY</u></b>				

ITEM	DESCRIPTION	QTY	UNIT		
	<b>ELEMENT NO .3</b> <b><u>WALLING</u></b> <b><u>Solid coral block walling bedded and jointed in cement and sand mortar 1:4</u></b>				
A	200mm thick external walling	84	SM		
B	Ditto gable walling	9	SM		
C	Fair rake cutting to 200 mm gable walls	14	LM		
<b>TOTAL FOR WALLING CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .4</b>  <b>ROOFING (ALL PROVISIONAL)</b>  Supply and fabricate the following structural steel members including welding, plates, bolts etc complete with red lead primer, one universal undercoat and two finishing coats of gloss oil paint to exposed metalwork after erection				
A	50 x50 x 4mm SHS section top and bottom chord	50	LM		
B	40 x 40 x 3mm SHS section ties and struts	40	LM		
C	150 x 50 x 2mm 'Z' purlins fixed to trusses(m.s)	79	LM		
D	Prepainted IT5 Rigidal aluminium Gauge24 roofing sheets fixed to 'Z' purlins(m.s) with 'J' bolts	81	SM		
E	500mm wide ridge cover to match	10	LM		
F	<b>Wrot cypress : 1st grade</b> 250 x 35mm Fascia or barge board	34	LM		
G	Prepare and apply three coats of first grade emulsion paint to fascia board : Over 200mm but n.e 300mm girth	34	LM		
H	<b>Rainwater disposal</b> Supply and fix plastic box gutter overall size; 28G x 100 x 75mm	20	LM		
I	Extra over for stopped ends	4	NO		
J	Extra over for outlet	4	NO		
K	100mm diameter UPVC down pipes fixed to wall with holding clips at 1200mm centres	12	LM		
L	Extra over for swan neck 1000mm long	4	NO		
M	Extra over for shoe 1000mm long	4	NO		
N	<b>Double sided Sisalation Roof underlays</b> Roof underlay laid with 150mm (minimum) end and side laps and supported appropriately to timber rafters (m.s)	81	SM		
	<b>TOTAL CARRIED TO COLLECTION</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>Eave Finish</u></b>				
A	<b>Brandering to the roof</b> 75x50mm timber brandering to the eaves	68	LM		
B	Ditto; 50x50mm	34	LM		
C	25mm thick x 100mm wide prime grade cypress strips tongued and grooved eaves boarding in secret nailed to and including softwood brandering at 600mm centres both directions(m.s)	21	SM		
D	20x20mm cypress quadrant beading	68	LM		
E	Prepare and apply one coat pinotex stain and two coats polyurethane matt varnish to T & G Boarding	21	SM		
F	Ditto surfaces over 100mm but not exceeding 200mm girth	68	LM		
	<b><u>Carried to collection</u></b>				
	<b><u>Collection</u></b>  Brought forward from page 4/7  Brought forward from above				
	<b>TOTAL FOR ROOFING CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>ELEMENT NO. 5</u></b>				
	<b>DOORS</b>				
A	<b>Panelled Hardwood Doors</b> 50mm thick mvule panelled door overall size 900 x 2700m; comprising 1No. openable leaf size 900 x 2100mm high with 125 x 50mm stiles, middle and top rails, 200 x 50mm bottom rail and 900 x 300mm high funlights at the top (m.s) . (Refer to architects detail)	2	NO.		
B	<b>Timber Mvule Framework</b> 150 x 50 mm frame with two labour twice rebated: plugged with rounded edges	13	LM		
C	Ditto transome	2	LM		
D	50 x 25mm architrave	13	LM		
E	15 x 15mm quardrant beading	13	LM		
	<b>Iron Momgery</b>				
F	3-Lever rebated mortice lock complete with locking furniture as 'Union'or equal	2	NO		
G	100mm brass butt hinges	3	PRS.		
H	Rubber door stop with rawl bolt	2	NO.		
	<b>Fan light</b>				
I	Two blades carrier approved anodized aluminium louvre jamb with 150mm plastic clips	2	PRS		
J	5x150mm clear glass louvre blade with ground edges.	4	LM		
K	16mm diameter mild steel burglar proof bars	4	LM		
L	20mm diameter PVC conduit pipes in burglar bars	4	LM		
	<b>Knot prime stop and apply 3 coats of polyurethane clear lacquer to woodwork surfaces</b>				
M	General surfaces of woodwork	9	SM		
N	Surfaces 100 to 200mm girth	15	LM		
O	Surfaces 50 to 100mm girth	13	LM		
	<b>TOTAL FOR DOORS CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>ELEMENT NO.6</u></b>				
	<b><u>WINDOWS</u></b>				
	Supply and fix aluminium framed Windows; fabricated from approved composite extruded SDF natural heavy duty approved standard hollow aluminium sections 60 x45 x 2.5mm thick; all glazed with 6mm solar glass; glass secured to aluminium window framing using approved glazing gaskets and 15x10mm aluminium glazing beads including waterproofing all joints using approved silicon sealing compounds and including approved aluminium brackets; all necessary rust proof ironmongery such as window fasteners, stay locks, aluminium hinges etc; all to Architect's approval and detail drawings:-				
A	1800 x 1800mm high	2	NO		
B	800 x 1800mm high	2	NO		
C	<b><u>Windows cill</u></b> Approved 600 x 275 x 175mm thick precast concrete coloured window cill bedded and jointed in cement (sand (1:3) mortar	5	LM		
	<b><u>Burglar Proofing</u></b>				
	<b><u>Fabricate, supply and fix mild steel grill; constructed with 25 x 25 x 3mm RHS vertical framing; infilled with 12 mm diameter solid bars at 150 mm center in both directions to form diamond shape; fixed with lugs built into concrete or stone walls: all primed with red oxide . (Refer to architect's detail)</u></b>				
D	1800 x 1800mm high	2	NO		
E	800 x 1800mm high	2	NO		
	<b><u>Prepare and apply one undercoat primer and two finishing first gloss oil paint to:</u></b>				
F	General metal surfaces (measured over on both sides)	19	SM		
	<b><u>TOTAL FOR WINDOWS CARRIED TO SUMMARY</u></b>				

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>FINISHES</u></b>				
	<b><u>WALL FINISHES</u></b>				
	<b>External Walls</b>				
A	15mm cement and sand (1:4) render with wood float on external walling .	113	SM		
B	Prepare and apply one undercoat and two finishing coats of approved long lasting, weather proof paint to rendered surfaces externally	113	SM		
	<b>Internal Walls</b>				
C	15mm cement and sand (1:4) plaster trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	113	SM		
D	Prepare and apply one undercoat and two finishing coats of approved first grade emulsion paint to plastered surfaces	113	SM		
	<b>Dry Erase White Board</b>				
E	Supply and fix approved dry erase white board overal size 2400mm x 1200mm high including with aluminium frame with rounded corner protectors and complete accessory tray.	2	NO		
	<b><u>FLOOR FINISHES</u></b>				
	<b>Cement and sand (1:3) screeds, backings, beds etc</b>				
F	25mm bed finished to receive terrazo floor finish (m.s)	50	SM		
G	15mm thick terrazo floor finish including 32 x 3mm thick plastic dividing strip where required complete with rough and smooth sanding and polished with acid to approval	50	SM		
H	Ditto 20 x 100 mm skirting	27	LM		
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>CEILING FINISHES</u></b>				
	<b><u>CEILING FINISHES</u></b>				
	<b>Brandering</b>				
A	75x50mm timber brandering to the ceiling	101	LM		
B	50x50mm timber brandering to the ceiling	69	LM		
C	Supply and fix 12mm thick soft board ceiling fixed to brandering (m.s) with clout nails	50	SM		
D	75x25mm cypress covetto moulded cornice plugged	30	LM		
E	Prepare and clean surfaces: apply one coat skimming compound as 'Wall Magic' or equal and approved: apply one coat "Crown" Cover Matt and three coats silk vinyl emulsion paint: from "Crown" or equal approved: on softboard ceiling	50	SM		
F	Ditto not exceeding 100mm girth	30	LM		
	<b>Total carried to collection</b>				
	<b><u>Collection</u></b>				
	<b>Brought forward from page 3/12</b>				
	<b>Brought forward from above</b>				
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>CONFERENCE HALL SUMMARY</u></b>				
1	<b>SUBSTRUCTURE FROM PAGE 3/4</b>				
2	<b>R.C SUPERSTRUCTURES FROM PAGE 3/5</b>				
3	<b>WALLING FROM PAGE 3/6</b>				
4	<b>ROOF FROM PAGE 3/8</b>				
5	<b>DOORS FROM PAGE 3/9</b>				
6	<b>WINDOWS FROM PAGE 3/10</b>				
7	<b>FINISHES FROM PAGE 3/12</b>				
	<b>TOTAL FOR BUILDERS WORK CARRIED TO MAIN SUMMARY</b>				

# KITCHEN

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>KITCHEN</u></b>				
	<b><u>ELEMENT NO.1</u></b>				
	<b><u>SUBSTRUCTURES(All Provisional)</u></b>				
	<b><u>SITE PREPARATION</u></b>				
	<b><u>Excavations</u></b>				
A	Clear site of bushes, shrubs and other vegetation; grubbing up roots and dispose as directed	0	SM		
B	Excavate oversite to remove veteble soil 200mm average depth, loads, wheel and deposit where directed on site and level	0	SM		
C	Excavate for foundation trenches not exceeding 1.50mm deep from stripped level.	0	CM		
D	Excavate for column pit not exceeding 1.50m from stripped level	0	CM		
E	Extra over excavation for excavating in rock.	0	CM		
F	Allow for keeping all excavations free from all water	0	ITEM		
G	Allow for strutting and plunking	0	ITEM		
	<b><u>Disposal</u></b>				
H	Return, fill and ram extra excation materials around foundation	23	CM		
I	Cart away surplus excavated materials	0	CM		
	<b><u>Filling</u></b>				
J	Average 300mm thick hardcore bed well watered, leveled and compacted	19	CM		
K	50m thick murram blinding	64	SM		
	<b><u>Insecticide treatment</u></b>				
L	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	64	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>CONCRETE WORKS</b>				
	<b><u>Plain concrete class P (1:4:8) in:-</u></b>				
A	50mm thick blinding under foundations and bases	0	SM		
	<b><u>Reinforced concrete class 25/20 in:-</u></b>				
B	Foundation strip	0	CM		
C	Columns bases	0	CM		
D	Columns	1	CM		
E	Ground beam	4	CM		
F	150mm thick floor slab	74	SM		
	<b><u>Reinforcement</u></b>				
	<b><u>Mild steel bar reinforcement to B.S.4449 as described</u></b>				
G	8mm diameter bars	0	KG		
	<b><u>High tensile square twisted bar reinforcement to B.S4461 including cutting, beinding and tying wire</u></b>				
H	8mm diameter bars	0	KG		
I	10mm diameter bars	0	KG		
J	12mm diameter bars	0	KG		
K	B.R.C. Mesh reinforcement No. A142	74	SM		
	<b><u>Sawn formwork to</u></b>				
L	Vertical foundation sides	0	SM		
M	Ditto to column bases	0	SM		
N	Ditto to column sides	7	SM		
O	Edges of beds exceeding 75mm but not exceeding 150mm high	35	LM		
P	Ground beam	40	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Walling</u></b>  Solid coral block walling bedded and jointed in cement and sand mortarn 1:4 in:-				
A	200mm thick walling	54	SM		
	<b><u>Damp proofing</u></b>				
B	200mm wide bituminous damp proof course bedded in cement sand mortar 1:4	71	LM		
C	1000 gauge polythene sheet underlay	74	SM		
D	15mm thick cement and sand render on plinth	11	SM		
E	Prepare and apply two coats bituminous oil paint to plinth	11	SM		
	<b><u>Paving Slabs</u></b>				
F	Excavate trench for edge wall foundation average 600mm deep, part return fill and ram remainder cart away	10	CM		
G	Plain concrete (1:3:6) in strip foundation	3	CM		
H	150mm thick coral block edge walling in cement sand (1:3) mor	14	SM		
I	300mm thick approved hardcore well compacted in layers	16	SM		
J	Treat surface of hardcore filing with gladiator TC or other equal approved insecticide according to the manufacture instructions.	16	SM		
K	600 x 600 x 50mm precast concrete (1:2:4) paving slabs pointed in cement sand (1:3) mortar and laid on 50 mm approved on sand	20	SM		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection</u>				
A	Brought forward from page 4/1				
B	Brought forward from page 4/2				
C	Brought forward from page 4/3				
	<b>TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 2</u></b>				
	<b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>				
	<b><u>Vibrated reinforced concrete clas 25/20 in:-</u></b>				
A	Beams	4	CM		
B	Columns	2	CM		
C	100mm thick benching	13	SM		
D	75mm thick work top and shelves	23	SM		
E	Extra over 150mm thick floor slab cooking island	9	SM		
	<b><u>Reinforcement</u></b>				
	<b><u>High Tensile twisted reinforcement bars B.S 4461 as described</u></b>				
F	8mm diameter bars	267	KG		
G	12mm diameter bars	326	KG		
	<b><u>Sawn Cypress Timber Formwork as Described. Allow for setting to curve where required, special proping, strutting, fillets, nails, etc to</u></b>				
H	Vertical columns sides	23	SM		
I	Sides and soffits of horizontal beams	53	SM		
J	Soffits of worktops	23	SM		
K	Edges of benching in ditto over 75mm but not exceeding 150mm high	22	LM		
L	Ditto worktops	43	LM		
	<b><u>TOTAL FOR REINFORCED CONCRETE SUPERSTRUCTURE CARRIED TO SUMMARY</u></b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .3</b>				
	<b><u>WALLING</u></b>				
	<b><u>Solid coral block walling bedded and jointed in cement and sand mortar 1:4</u></b>				
A	200mm thick external walling	91	SM		
B	Ditto gable walling	15	SM		
C	Ditto internal walling	35	SM		
D	100mm thick walling to work tops	12	SM		
E	Fair rake cutting to 200 mm gable walls	19	LM		
<b>TOTAL FOR WALLING CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO .4</b>  <b>ROOFING (ALL PROVISIONAL)</b>  Supply and fabricate the following structural steel members including welding, plates, bolts etc complete with red lead primer, one universal undercoat and two finishing coats of gloss oil paint to exposed metalwork after erection				
A	50 x50 x 4mm SHS section top and bottom chord	32	LM		
B	40 x 40 x 3mm SHS section ties and struts	30	LM		
C	150 x 50 x 2mm 'Z' purlins fixed to trusses(m.s)	37	LM		
D	Prepainted IT5 Rigidal aluminium Gauge24 roofing sheets fixed to 'Z' purlins(m.s) with 'J' bolts	105	SM		
E	500mm wide ridge cover to match	10	LM		
F	<b>Wrot cypress : 1st grade</b> 250 x 35mm Fascia or barge board	29	LM		
G	Prepare and apply three coats of first grade emulsion paint to fascia board : Over 200mm but n.e 300mm girth	29	LM		
H	<b>Rainwater disposal</b> Supply and fix plastic box gutter overall size; 28G x 100 x 75mm	20	LM		
I	Extra over for stopped ends	4	NO		
J	Extra over for outlet	4	NO		
K	100mm diameter UPVC down pipes fixed to wall with holding clips at 1200mm centres	12	LM		
L	Extra over for swan neck 1000mm long	4	NO		
M	Extra over for shoe 1000mm long	4	NO		
N	<b>Double sided Sisalation Roof underlays</b> Roof underlay laid with 150mm (minimum) end and side laps and supported appropriately to timber rafters (m.s)	105	SM		
	<b>TOTAL CARRIED TO COLLECTION</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Eave Finish</u></b>				
A	<b>Brandering to the roof</b> 75x50mm timber brandering to the eaves	58	LM		
B	Ditto; 50x50mm	29	LM		
C	25mm thick x 100mm wide prime grade cypress strips tongued and grooved eaves boarding in secret nailed to and including softwood brandering at 600mm centres both directions(m.s)	18	SM		
D	20x20mm cypress quadrant beading	58	LM		
E	Prepare and apply one coat pinotex stain and two coats polyurethane matt varnish to T & G Boarding	18	SM		
F	Ditto surfaces over 100mm but not exceeding 200mm girth	58	LM		
	<b><u>Carried to collection</u></b>				
	<b><u>Collection</u></b>				
	<b>Brought forward from page BW/7</b>				
	<b>Brought forward from above</b>				
	<b>TOTAL FOR ROOFING CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 5</u></b>				
	<b><u>DOORS</u></b>				
	<b>Panelled Hardwood Doors</b>				
A	50mm thick mvule panelled door overall size 1100 x 2700m; comprising 2No. openable leaf size 550 x 2400mm high with 125 x 50mm stiles, middle and top rails, 200 x 50mm bottom rail and 2200 x 300mm high funlights at the top (m.s) . (Refer to architects detail)	1	NO.		
B	Ditto 900 x 2400m high.	3	NO.		
	<b><u>Frames</u></b>				
	<b><u>Timber Mvule Framework</u></b>				
C	150 x 50 mm frame with two labour twice rebated: plugged with rounded edges	24	LM		
D	Ditto transome	4	LM		
E	50 x 25mm architrave	24	LM		
F	15 x 15mm quardrant beading	24	LM		
	<b><u>Iron Momgery</u></b>				
G	3-Lever rebated mortice lock complete with locking furniture as 'Union'or equal	1	NO		
H	2 lever mortice lock as 'union'	3	NO.		
I	100mm brass butt hinges	8	PRS.		
J	Rubber door stop with rawl bolt	5	NO.		
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Fan light</b>				
A	Two blades carrier approved anodized aluminium louvre jamb with 150mm plastic clips	5	PRS		
B	5x150mm clear glass louvre blade with ground edges.	8	LM		
C	16mm diameter mild steel burglar proof bars	8	LM		
D	20mm diameter PVC conduit pipes in burglar bars	8	LM		
	<b>Knot prime stop and apply 3 coats of polyurethane clear lacquer to woodwork surfaces</b>				
E	General surfaces of woodwork	19	SM		
F	Surfaces 100 to 200mm girth	28	LM		
G	Surfaces 50 to 100mm girth	24	LM		
	<b>Carried to collection</b>				
	<b><u>Collection</u></b>				
	<b>Brought forward from page BW/9</b>				
	<b>Brought forward from above</b>				
	<b>TOTAL FOR DOORS CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><b>ELEMENT NO.6</b></p> <p><b>WINDOWS</b></p> <p>Supply and fix aluminium framed Windows; fabricated from approved composite extruded SDF natural heavy duty approved standard hollow aluminium sections 60 x45 x 2.5mm thick; all glazed with 6mm solar glass; glass secured to aluminium window framing using approved glazing gaskets and 15x10mm aluminium glazing beads including waterproofing all joints using approved silicon sealing compounds and including approved aluminium brackets; all necessary rust proof ironmongery such as window fasteners, stay locks, aluminium hinges etc; all to Architect's approval and detail drawings:-</p>				
A	1800 x 1800mm high	3	NO		
B	Fabricate, supply and fix galvanised steel top roller shutter window; complete with stays , fastener, metal hood and all necessary ironmongery; including cutting and pinning lugs to concrete or blockworks and bedding frame in cement and sand mortar (1:4)	1	NO.		
C	<p><b>Windows cill</b></p> <p>Approved 600 x 275 x 175mm thick precast concrete coloured window cill bedded and jointed in cement (sand (1:3) mortar</p>	34	LM		
D	1800 x 1800mm high	3	NO		
E	<p><b>Burglar Proofing</b></p> <p><b>Fabricate, supply and fix mild steel grill; constructed with 25 x 25 x 3mm RHS vertical framing; infilled with 12 mm diameter solid bars at 150 mm center in both directions to form diamond shape; fixed with lugs built into concrete or stone walls: all primed with red oxide . (Refer to architect's detail)</b></p> <p><b>Prepare and apply one undercoat primer and two finishing first gloss oil paint to:</b></p> <p>General metal surfaces (measured over on both sides)</p>	30	SM		
<b>TOTAL FOR WINDOWS CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>FINISHES</u></b>				
	<b><u>WALL FINISHES</u></b>				
	<b>External Walls</b>				
A	15mm cement and sand (1:4) render with wood float on external walling .	134	SM		
B	Prepare and apply one undercoat and two finishing coats of approved long lasting, weather proof paint to rendered surfaces externally	134	SM		
	<b>Internal Walls</b>				
C	15mm cement and sand (1:4) plaster trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	169	SM		
D	Prepare and apply one undercoat and two finishing coats of approved first grade emulsion paint to plastered surfaces	169	SM		
	<b>Ceramic Tiles</b>				
E	15 mm thick cement and sand (1:3) backing prepared to receive ceramic wall tiles	46	SM		
F	Supply and fix approved ceramic wall tiles on prepared backing including grouting and edge protectors where required.	46	SM		
	<b><u>FLOOR FINISHES</u></b>				
	<b>Cement and sand (1:3) screeds, backings, beds etc</b>				
G	25mm bed finished to receive terrazzo floor finish (m.s)	65	SM		
H	15mm thick terrazzo floor finish including 32 x 3mm thick plastic dividing strip where required complete with rough and smooth sanding and polished with acid to approval	65	SM		
I	Ditto 20 x 100 mm skirting	43	LM		
	<b><u>Worktop Finishes</u></b>				
J	15mm thick cement.sand plaster mix(1:3) to worktop soffits	23	SM		
K	15mm thick cement.sand mix(1:3) bedding to receive terrazzo floor finish	13	SM		
L	15mm thick terrazzo layer including rough and smooth sanding and polished with acid to approval	13	SM		
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>KITCHEN SUMMARY</u></b>				
1	<b>SUBSTRUCTURE FROM PAGE 4/4</b>				
2	<b>R.C SUPERSTRUCTURES FROM PAGE 4/5</b>				
3	<b>WALLING FROM PAGE 4/6</b>				
4	<b>ROOF FROM PAGE 4/8</b>				
5	<b>DOORS FROM PAGE 4/10</b>				
6	<b>WINDOWS FROM PAGE 4/11</b>				
7	<b>FINISHES FROM PAGE 4/12</b>				
	<b>TOTAL FOR BUILDERS WORK CARRIED TO MAIN SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>WATER TANK TOWER</b>				
	<b>SUBSTRUCTURES (All Provisional)</b>				
	<b><u>Excavation</u></b>				
A	Clear site of all bushes, tufts and any small or large trees, including grubbing out roots and burn on site where directed	25	SM		
B	Excavate to reduce levels; not exceeding 150mm deep	25	SM		
C	Excavate for foundations trenches: not exceeding 1.5m deep	7	CM		
D	Excavate for column base : not exceeding 1.5m deep	14	CM		
	<b><u>Disposal of excavated material</u></b>				
E	Return fill in and ram in excavations	11	CM		
F	Load and cart away surplus material	10	CM		
	<b><u>Disposal of Water</u></b>				
G	Allow for keeping the whole of the excavation free from mud, water and fallen materials		Item		
	<b><u>Planking and strutting</u></b>				
H	Allow for planking and strutting sides of excavation		Item		
	<b><u>Filling</u></b>				
I	300mm thick approved imported hardcore fill consolidated in 150 mm thick layers	3	CM		
J	50mm thick murram dust or any other equal and approved material in blinding surface of hardcore	9	SM		
K	Treat surface of hardcore with an approved insecticide applied in accordance with the manufacturer's instructions and subject to a TEN YEAR guarantee	9	SM		
	<b>Carried Forward To Collection</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>CONCRETE WORKS</u></b>				
A	50mm thick concrete blinding to surfaces of strip foundation and column bases (mix 1:3:6)	13	SM		
	<b><u>Vibrated reinforced concrete class 25</u></b>				
B	150mm floor slab	12	SM		
C	Strip footing	2	CM		
D	Column base	3	CM		
E	Ground beam	1	CM		
F	Column	1	CM		
	<b><u>Supply and fix steel bar reinforcement including, cutting, bending, hooking, tying and supporting in position with precast concrete spacer blocks.</u></b>				
G	Y8 bars	84	KG		
H	Y10 bars	40	KG		
I	Y12 bars	104	KG		
J	Y16 bars	300	KG		
	<b><u>Fabric Mesh Reinforcement to B.S. 4483:-</u></b>				
K	B.R.C. Fabric mesh reinforcement to BS 4483 reference No. A 142 weighing 2.22kg/Sm with 300 mm end and side laps 270 mm thick	12	SM		
	<b><u>Sawn cypress timber formwork as described. Allow for setting to curve where required, special proping, strutting, fillets, nails, etc to</u></b>				
L	Edge of floor bed 75 to 150 mm high	15	LM		
M	Sides of foundation strip	3	SM		
N	Sides of column bases	2	SM		
O	Vertical sides of columns	8	SM		
	<b>Carried Forward To Collection</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Walling</u></b>  <b><u>Machine stone walling bedded and jointed incement and sand (1:3) mortar with and including 20swg x 25mm wide hoop iron in every course</u></b>				
A	200mm thick substructure walling	12	SM		
	<b><u>Waterproofing</u></b>				
B	Hessian based bituminous felt damp proof course 200mm wide	14	LM		
C	500 swg polythene damp proof membrane laid loose including 300mm side laps	12	SM		
	<b><u>Plinth Finishes</u></b>				
D	12mm thick cement and sand render to masonry or concrete surfaces	12	SM		
	<b>Total carried to collection</b>				
	<b><u>Collection</u></b>  Brought forward from page 5/1  Brought forward from page 5/2  Brought forward from page 5/3				
	<b>TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUPERSTRUCTURE</b>				
	<b><u>Concrete Works</u></b>				
	<b>Vibrated Reinforced Concrete Class - 25</b>				
A	Beams	5	CM		
B	Columns	4	CM		
C	150mm suspended slab	34	SM		
	<b><u>Supply and fix steel bar reinforcement including, cutting, bending, hooking, tying and supporting in position with precast concrete spacer blocks.</u></b>				
D	Assorted reinforcement bars	610	KG		
	<b><u>Sawn Cypress Timber Formwork as Described. Allow for setting to curve where required, special propping, strutting, fillets, nails, etc to</u></b>				
E	Sides and soffits of beams	41	SM		
F	Vertical sides of columns	33	SM		
G	Edge of suspended roof 75 to 150 mm high	18	LM		
H	Soffits of suspended floor slab	34	SM		
	<b>TOTAL FOR REINFORCED CONCRETE SUPERSTRUCTURE CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>FINISHES</u></b>				
	<b><u>WALL FINISHES</u></b>				
A	15mm cement and sand (1:4) plaster trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	74	SM		
B	<b>Painting &amp; Decorations</b> Prepare and apply one undercoat and two finishing coats of approved long lasting, weather proof paint to rendered surfaces externally	74	SM		
	<b><u>FLOOR FINISHES</u></b>				
C	32 mm thick cement and sand screed trowelled hard and smooth to receive quarry tiles	34	SM		
	<i>Approved non slip quarry tiles to roof to slab; waterproofing as miritini clay products or any other approved manufacturer; bedding and jointing in cement sand (1:4) mortar, grouting with white cement:-</i>				
D	250x250x20mm thick; butt joint both ways; to cement sand base (m.s); to floor level	34	SM		
	<b><u>CEILING FINISHES</u></b>				
E	15mm cement and sand (1:4) plaster trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	34	SM		
F	<b>Painting &amp; Decorations</b> Prepare and apply one undercoat and two finishing coats of approved long lasting, weather proof paint to rendered soffit of suspended concrete slab	34	SM		
	<b><u>Stainless Steel Balustrading</u></b>				
G	900mm High stainless steel balustrades comprising 50mm x 3mm diameter top and intermediate rail, 50mm x 3mm diameter balusters one end welded to hand rail and other end cast into concrete slab at approximately 900mm centres vertically and 5 No. 25mm diameter intermediate rails welded to the balusters. Prime before delivery to site and applying three coats gloss oil paint, all to architect's approval	24	LM		
	<b><u>Access Ladder</u></b>				
H	Fabricate, deliver and fix galvanised iron access ladder complete with 50 x 50 x 3 mm main frame with 25 x 25 x 3mm intermediate rods spaced at 300 mm c/c. Including two coats of anti-corrosive and two coats of approved gloss oil paint all as per the architects approval.	6	LM		
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection</u>				
1	Brought forward from page 5/3 - Substructure				
2	Brought forward from page 5/4 - Superstructure				
3	Brought forward from page 5/5 - Finishes				
	<b>TOTAL FOR WATER TOWER CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>BUILDERS WORKS SUMMARY</u></b>				
1	<b>ADMINISTRATION BLOCK FROM PAGE 1/14</b>				
2	<b>DORMITORY BLOCK FROM PAGE 2/15</b>				
3	<b>CONFERENCE HALL FROM PAGE 3/13</b>				
4	<b>KITCHEN FROM PAGE 4/14</b>				
5	<b>WATER TOWER FROM PAGE 5/6</b>				
	<b>TOTAL FOR BUILDERS WORK CARRIED TO MAIN SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>AMBULANCE RECEPTION PARKING</u></b>				
A	Excavate for parking base commencing from ground level and not exceeding 1.50m deep	10	CM		
B	Load cart and spread excavated materials as directed by the Project Engineer	10	CM		
C	Supply lay and compact 100mm thick quarry dust sub-grade to the Engineer's approval	34	SM		
D	150mm thick neat rock sub-base to Engineer's approval	34	SM		
E	150mm thick coral base ditto	34	SM		
F	60mm thick cabro paving blocks laid on 50mm thick sand bed, well compacted including sanding	34	SM		
G	250 x 125mm straight pre-cast concrete road kerbs fixed to edges of cabro paving blocks in cement mortar on and including 150 x 250mm concrete cast insitu haunching	13	LM		
<b>TOTAL FOR PARKING CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>MECHANICAL WORKS ( All Provisional)</b>					
<b><u>SANITARY FITTINGS</u></b>					
<p>Supply, deliver, install and fix the following sanitary fittings including all materials and jointing to supply wastes/soil and overflow pipes. Twyfords Ltd products are specified only as an indication of quality. Equal and approved appliances may be supplied. Where trade names are mentioned the Ref.No.is intended only as a guide to the type and quality of fittings</p>					
<b><u>Water Closet (WC) Suite</u></b>					
A	Modern low level Water closet suite (S or P trap) in approved colour complete with horizontal outlet to BS 3402 with 7.5 litres valveless close coupled ceramic cistern and fittings including siphone,15 mm diameter side inlet ball valve,20mm diameter side overflow, central dual push - button flush, inlet connections, chrome plated lever and heavy plastic set and cover with metal top fixed (CP) hinges. All to be as <b>TWYFORDS Classic</b> water closet or equal approved	1	NO		
B	Ditto but for physically challenged complete with grab rails and all accessories	4	NO		
C	Ditto but Asian type.	12	NO		
<b><u>Wash Hand Basin</u></b>					
D	Wash hand basin size 510mmx420mm with one tap hole and chain stay hole, concealed wall brackets, chrome plated elbow action pillar tap as <b>COBRA</b> and chain waste 11/4" and white plastic bottle trap 11/4" P trap all to be as <b>TWYFORD 'SOLA'</b> or equal approved	13	NO		
E	Ditto but for physically challenged complete with elbow action type pillar tap and all accessories	4	NO		
<b><u>Urinal</u></b>					
F	Urinal in approved colour vitreous china comprising 2 No bowl c/w bowl support, 7.5 litres automatic ceramic cistern ref CX8611WH and fittings including siphon ball valve, cistern supports and drip trap in brass, CP bottle trap, flush pipe and spreader with all connections. To be as <b>TWYFORDS</b> or approved equivalent	1	NO		
<b><u>Shower fitting</u></b>					
G	Concealed shower fitting consisting of 15mm chrome plated riser pipe to connect the concealed shower mixer tap for cold water to the swivel/adjustable shower rose and chrome plated handles and stop corks. All to be as Bricon/Aztec or equal approved	8	NO		
<b>TOTAL CARRIED TO COLLECTION</b>					

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<b>Towel rail</b> Chrome plated towel rail 650mm long with the rail and brackets as one piece.	8	NO		
B	<b>Bidet</b> Arabic Shattaf Bidet spray c/w tube and head and fixing to wall.	17	NO		
C	<b>Toilet roll holder</b> Toilet roll holder in vitreous china or BS3402 in white colour of size 165x165mm and recessed into wall. all as TWYFORDS or equal and approved	17	NO		
D	<b>Mirror</b> 6mm thick polished plate glass, silver backed mirror with beveled edges, size 600x500mm plugged and screwed to wall with 4 No. chrome plated dome capped screws and 5mm foam back nest	15	NO		
E	<b>Hand drier</b> Automatic hand drier in approved colour, operating on an infra-red automatic sensing system with safety cut out c/w plastic rawl plugs and fixing screws. The hand drier to have a heating capacity of 2.1KW and performance flow rate about 4cubic metres/minute and to be of size 270x264x143mm deep and to be as MEDICLINICS or approved equivalent	8	NO		
F	<b>Soap dispenser</b> Automatic Wall mounted automatic soap dispenser with a capacity of about one litre c/w fixing screws. To be as MEDICLINICS or approved equivalent	8	NO		
G	<b>Kitchen sink</b> Double bowl , double drainer stainless steel deep kitchen sink made from 18SWG (2.0mm) thick stainless steel as manufactured by ASL, bowl size 1200 x 500x 180mm c/w overflow, waste fittings, plugs, chain stays and 40mm diameter PVC bottle trap with 75mm deep seal c/w chrome plated 20mm diameter tap , all as COBRA or equal approved	2	NO		
H	<b>Dhobi Sink</b> 410 X 510 X 610 mm Grano dhobi sink, complete with one tap hole and chain stay hole, concealed wall brackets, chrome plated pillar tap as COBRA and chain waste 1 1/4" and white plastic bottle trap 1 1/4" P trap all to be as approved	9	NO.		
<b>TOTAL FOR SANITARY FITTINGS CARRIED TO COLLECTION</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>INTERNAL PLUMBING ( All Provisional)</b>  Supply ,deliver and install polypropylene random (PPR) PN-25 Oxy stable pipe work to DIN 8077.Pipe jointing shall be by polyfusion or use of electric coupling. Tenderer must allow for jointing, clippings, couplings, metal/plastic threaded adaptor where required for the connection of sanitary fixtures, valves, sockets, sliding and fixed joints, support raceways, isolating sheaths, elastic materials ,expansion arms and bends ,cross overs etc. where pipework is not chased proper anchoring using approved fixtures shall be done .  <b>No pipework shall be left exposed to the sun.</b>				
	<b>PPR PIPE</b>				
A	34mm diameter PPR pipe	40	LM		
B	25mm diameter PPR pipe	40	LM		
C	20 mm diameter PPR pipe	120	LM		
D	15 mm diameter PPR pipe	40	LM		
	<b>Extra over PPR pipework</b>				
	<b>Bend</b>				
D	32mm dia PPR	8	NO		
E	25mm dia PPR	20	NO		
F	20mm dia PPR	44	NO		
G	15mm dia PPR	44	NO		
	<b>Equal Tees</b>				
G	25mm dia PPR	6	NO		
H	20mm dia PPR	32	NO		
	<b>Reducers</b>				
J	20x15mm	44	NO		
K	32mm dia PPR adaptor	12	NO		
L	Ditto but 25mm	22	NO		
M	Ditto but 20mm	48	NO		
	<b>Gate valves</b>				
	Approved medium pressure screw down full way non-rising stem wedge gate valve to BS 1952 with wheel and head joints to tubing. To be as PEGLAR or equal approved				
N	25mm dia.	1	NO		
O	15mm angle valve	17	NO		
P	15mm Bib taps	17	NO		
Q	15mm dia.x300mm long flexible tubing	17	NO		
R	Allow for flushing and sterilization of the system	ITEM			
	<b>TOTAL FOR INTERNAL PLUMBING CARRIED TO COLLECTION</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>INTERNAL DRAINAGE ( All Provisional)</b> Supply and fix uPVC soil system to BS4660 and BS4515 and muPVC waste systems to BS5255 with screwed and socketed joints to BS21. Solvent welded joints shall be as per the systems manufacturers written instructions. Tenderers must allow in their pipe work prices for all the couplings, connectors, joints etc as required in the running lengths of the pipe work and where necessary for fixing clips, holder bats plugged and screwed . all drainage pipes to be as Key Terrain or equal approved. Allow for connections to the nearest manholes.				
	<b>uPVC and muPVC pipework</b>				
A	100mm heavy duty golden brown pipe class D	120	LM		
B	40mm heavy duty grey pipe class D	12	LM		
C	32mm ditto	60	LM		
	<b>Exra over Upvc and muPVC pipework</b>				
	<b>Bends</b>				
D	100mm dia. inspection bend	34	NO		
E	40mm dia.	4	NO		
F	32mm dia.	28	NO		
	<b>Tees</b>				
G	40mm dia. Sweep Tee	2	NO		
H	32mm ditto	24	NO		
	<b>Access cap</b>				
J	100mm dia.	34	NO		
K	40mm dia Tee and Plug	2	NO		
L	32mm ditto	12	NO		
	<b>Traps</b>				
M	100x75mm floor trap and grating	8	NO		
N	300x300mm masonry gully trap c/w m.s cover	10	NO		
P	100mm WC connector	34	NO		
Q	750x600x1000mm deep masonry man hole complete with medium duty CI man hole cover complete with frame	12	NO		
	<b>TOTAL FOR DRAINAGE CARRIED TO COLLECTION</b>				
	<b>Collection</b> Total from page M/1				
	Total from page M/2				
	Total from page M/3				
	Total from above				
	<b>TOTAL COLLECTION CARRIED TO SUMMARY PAGE</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Supply, install, test, and commission the following as directed</u></b>				
	<b><u>ENERGY SAVING JIKO</u></b>				
A	Fabricate, supply and install energy saving JIKO of size 100 litres, outer covers fabricated from 22 gauge stainless steel plate. Scattering blocks especially from Murang'a should be used, jointed, bedded and plastered using fire proof cement. 50mmx3mm thick flat bar to support body to ground and also for top ring. The Jiko to be supplied complete with 100 litres stainless steel sufuria c/w cover.	1	NO		
B	Ditti but 200 litres	1	NO		
C	The extract hood size shall be 2400mm wide by 3100mm long by 600mm deep and taper to approximately 700mm wide and 450mm long at the top and shall be constructed out of 16 gauge anodized aluminium sheets and stiffened by a frame of 38 x 38mm galvanized mild steel R.H.S. The hood shall have a 75mm wide by 25mm deep grease drainage channel all round.	1	NO		
D	The grease filter unit shall consist of a double-sided V-Bank housing with Top Exit for use in island canopy applications as "VOKES" DS 20/6 double sided V-Bank housing with top exit comprising 6 No. washable types stainless steel filter panels. The unit shall have removable grease trays and framework made out of stainless steel.	1	NO		
E	Extract duct constructed from 18 S.W.G. stainless steel sheet and connected to the fan by flanged joints. All joints and seams shall be sealed with mastic to make them airtight. The duct shall be of size 400 x 400mm and c/w cap.	10	LM		
F	Centrifugal fan as "COLOHESTER ROOF UNITS" Model DSM / 500'; or equal and approved equivalent capable of extracting 5m <sup>3</sup> /s of air against 250 Pa static pressure. The fan will run at a maximum speed of 1400 revolutions per minute and be driven by 2.3KW, single phase, and 240V, 50 Hz motor. The fan shall be installed complete with cowl, inlet and bird guards and isolators in accordance with the manufacturer's printed instructions.	1	NO		
G	All electrical wiring, fan/motor starters and connecting power from the local isolator to the fan	ITEM			
	<b>Total carried to collection</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<b>GAS WORKS</b> 4 way burner framework fabricated from 50x20mm RHS tube top and stand and complete with 4 No. cast iron burners and regulators.	2	NO		
	<b>L.P GAS INSTALLATION</b>				
B	L.P gas storage tank of capacity 50 Kg	2	NO		
C	L.P gas supply	100	KG		
D	5/16" dia approved, lever operated control valve	1	NO		
E	5/16 mm dia pressure regulator as Rego 2403 V.9 complete with connections and brackets for gas tank	1	NO		
F	5/16 dia copper tubing	10	LM		
G	50mm dia GMS manifold with 4-way 5/16 outlets and complete with mounting plugs	1	NO		
	<b>Extra-Over Brass pipework</b>				
H	High pressure universal adaptor	2	NO		
I	5/16 dia adaptors c/w flare nuts	8	NO		
	<b>Sub-Total</b>				
	<b>Collection</b> Total from page M/5				
	Total from above				
	<b>TOTAL FOR KITCHEN FITTINGS CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Portable fire protection equipment.</b> Supply delivery and installation of portable fire protection equipment:				
A	<b>Carbon dioxide gas fire extinguisher</b> 5kg carbon dioxide gas portable fire extinguisher complete with pressure gauge, initial charge and mounting brackets	8	NO		
B	<b>Dry chemical powder</b> 9kg dry chemical powder portable extinguisher complete with initial charge and mounting brackets	8	NO		
C	<b>Water/carbon dioxide gas fire extinguisher</b> 9 litres water/carbon dioxide gas portable fire extinguisher complete with pressure gauge, initial charge and mounting brackets	8	NO		
D	225mm diameter gong manual alarm bell	4	NO		
E	Plastic box first aid kits(fire fighting)complete with the following (i)20 individually wrapped sterile adhesive dressing(assorted sizes) (ii)2 sterile eye pads. (iii)4 individually wrapped triangular bandages (iv)6 safety pins (v)6 medium sized individually wrapped sterile unmedicated wound dressings(18cm x 18cm) (vi) 1 pair of disposal gloves.	4	PAIR		
F	Fire signage	4	NO		
	<b>TOTAL FOR FIRE FIGHTING CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>BOREHOLE DRILLING</u></b>				
A	Allow for carrying out hydrological survey to confirm availability of sufficient underground water and any other statutory approvals.		ITEM		
B	Drill a bore hole of 150mm diameter to sufficient water level (30-50-Provisional) metres below ground level.	1	NO		
C	Supply and install 150mm diameter class D PVC casing.	40	LM		
	<b><u>BOREHOLE PUMP</u></b>				
D	Supply & fix Grundfos SP5A-12 1.5HP, 3-Phase water pump capable of discharging 7 cubic metres of water per hour against a total head of 50 metres including testing for two hours.	1	NO		
E	Supply and fix electronic pump controller as DRYTEK complete with drop cables, electrodes, isolator, under/over voltage and dry run protection and connection to existing power.	1	NO		
	<b><u>FITTINGS</u></b>				
F	Supply and fix all necessary piping and fittings including excavations and civil works from the borehole to the overhead tanks, including a standard well cap.		ITEM		
G	10000 litres capacity cold water storage tank. The tank to be assembled c/w cover and having screwed connections for inlet, outlet, overflow, drain pipes and any other necessary item for its proper functioning. The tank shall be as ROTO or equal and approved.	2	NO		
G	3000 litres Ditto	2	NO		
H	Float switch complete with associated wiring.	2	NO		
I	Allow for testing for at least two hours.		ITEM		
	<b>TOTAL CARRIED TO SUMMARY</b>				

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY PAGE</u>				
A	Brought Forward from M/4				
B	Brought Forward from M/6				
C	Brought Forward from M/7				
D	Brought Forward from M/8				
	<b>TOTAL FOR MECHANICAL WORKS CARRIED TO MAIN SUMMARY PAGE</b>				

**PROPOSED CONSTRUCTION OF MOMBASA SEXUAL AND GBV RESCUE  
RESCUE CENTRE AT MWAKIRUNGE.  
ELECTRICAL INSTALLATION WORKS**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><i>Supply, install, test and commission the following:</i></p> <p><b>PHASE ONE A</b> <b>LADIES / GIRLS BLOCK AND KITCHEN</b></p> <p><b><i>Lighting Circuit</i></b></p> <p><b>NOTE:</b> <b>All cables to be as East African Cables or equal and approved equivalent.</b></p>				
A	Lighting points in concealed 20mm diameter PVC heavy gauge conduit comprising of 3 x 1.5mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent for 1 way 1 gang switching.	43	No		
B	Ditto lighting points for 1 way 2 gang switching.	5	No		
C	Ditto lighting points for 2 way 1 gang switching (ref. walkways / yard lightings)	11	No.		
D	Ditto lighting points for 2 way 2 gang switching (ref. old wing ceiling lightings)	8	No		
	<b><i>Lighting Circuit fittings</i></b>				
E	5Amp white moulded ivory flush mounting 1 way 1 gang plate switch as MK/HAVELLS/ CRABTREE/ MEM or equal and approved equivalent.	36	No		
	<b>TOTAL CARRIED TO COLLECTION</b>		SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Lighting Circuit fittings Cont</i></b>				
A	5Amp white moulded ivory flush mounting 1 way 2 gang plate switch at MK/HAVELLS/ CRABTREE/ MEM or equal and approved equivalent.	1	No		
B	Ditto 5Amp 2 way 1 gang plate switch as MK/CRABTREE/MEM or equal and approved equivalent.	8	No		
C	Ditto 5Amp 2 way 2 gang complete switch as MK/CRABTREE/MEM or equal and approved equivalent.	2	No		
D	1 x 60w bathroom model spherical ball fitting as THORN / PHILIPS or equal and approved equivalent.	10	No		
E	1 x 600mm single batten flourescent luminaire fittings as THORN/PHILIPS complete with prismatic diffuser or equal and approved equivalent.	3	No		
F	2 x 8w Flourescent weather proof bulkhead luminaire fitting as THORN or equal and approved equivalent.	8	No		
G	1 x 1200mm 65w flourescent luminaire fittings complete with prismatic diffuser as THORN /PHILIPS or equal and approved equivalent.	16	No		
H	Single holder wall bracket luminaire fittings as MK/CRABTREE/HAVELLS/MEM or equal and approved equivalent.	28	No		
J	1 x 60w special mildsteel stanchion mounting outdoor weather proof luminaire lighting fittings as THORN/PHILIPS or equal and approved equivalent.	2	No		
<b>TOTAL CARRIED TO COLLECTION</b>			SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><b><i>Power Circuits</i></b></p> <p><b><i>NOTE:</i></b>  <b><i>All cables to be as East African Cables or equal and approved equivalent.</i></b></p>				
A	Ceiling fan power points drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 1.5mm <sup>2</sup> pvc/sc Cu cables as East African Cable or equal and approved equivalent.	6	No		
B	Water pump power points drawn in concealed 20mm diametre heavy gauge 3 x 4.0mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent.	1	No		
C	20Amp SPN white moulded flush mounting DP water pump isolator / switch as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent.	1	No		
D	Final connection of water pump circuit draw in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African cables or equal and equivalent.	1	No		
E	Single phase automatic water pump control unit complete with float switch to specification.	1	No		
F	Fire alarm panel power points drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 4.0mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent.	1	No		
G	White moulded ivory flush mounting 20Amp DP switch incorporating Neon light as MK/CRABTREE/MEM or equal and approved equivalent.	1	No		
<b>TOTAL CARRIED TO COLLECTION</b>			<b>SHS.</b>		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Power Circuits Cont.</i></b>				
A	13Amp socket outlet power points drawn in concealed 20mm diametre heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal approved equivalent.	36	No.		
B	1400mm 3 blade ceiling fan as ORIENT / CROMPTON complete with regulators or equal and approved equivalent.	6	No		
C	5Amp whitemoulded ivory 3 plate ceiling rose complete with 3-core 0.75mm <sup>2</sup> pvc flex cable and a biscuit ring as MK/ CRABTREE/HAVELLS/MEM or equal and approved equivalent.	6	No		
D	White moulded ivory flush mounting single switched 13Amp DP Socket outlet as MK/CRABTREE/MEM or equal and approved equivalent	1	No		
E	Ditto but twin switched 13Amp DP Socket outlets as MK/CRABTREE/MEM or equal and approved equivalent.	35	No		
F	Extractor fan power points circuit drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent - ring circuit.	1	No		
G	15Amp SPN DP Extractor fan isolator switch as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent.	3	No		
H	200mm (8") SPN washroom model extractor fan as ORIENT/CROMPTON or equal and approved equivalent MBS Engineer's specifications.	3	No		
	<b>TOTAL CARRIED TO COLLECTION</b>		<b>SHS.</b>		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Associated circuits</i></b> <b><i>Data /Telephone outlets.</i></b>				
A	Computer data outlet point drawn in mild steel cable trunking / concealed 20mm diametre PVC heavy gauge conduit comprising of a draw wire	28	No		
B	White moulded ivory flush mounting single data cable outlet socket as MK/CRABTREE/ MEM or equal and approved equivalent.	28	No		
	<b><i>Consumer Units / Distribution Boards</i></b>				
C	6 way TPN MCB flush mounting distribution board as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent.	1	No		
D	SPN MCBS to match above item (i) 10Amp (ii) 20Amp (iii) 30Amp (iv) Blanking plates for ways NOT connected.	4 2 7 5	No No No No		
E	4-Core 16mm <sup>2</sup> PVC armoured supply cable as East African cables or equal and approved equivalent from TPN MCCB isolator switch within the switchroom to distribution board (ref: site instructions) - Approx. mtrs.	90	Lm		
F	4-Core 35mm <sup>2</sup> pvc armoured main supply cable as East African Cable or equal and approved equivalent from TPN MCCB main isolator switch within the switchroom to TPN busbar distribution board chamber unit (ref: site instructions) Approx. mtrs	65	Lm		
G	125Amp TPN MCCB Isolator switch as MK/ CRABTREE/MEM/HAVELLS or equal and approved equivalent ( to be mounted within the switchroom)	1	No		
	<b>TOTAL CARRIED TO COLLECTION</b>		<b>SHS.</b>		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Consumer Units / Distribution Boards Cont.</i></b>				
A	250Amp TPN MCCB Isolator switch as MK/ CRABTREE/MEM/HAVELLS or equal and approved equivalent ( to be mounted within the switchroom)	1	No		
B	1370 x 450 x 260mm (Approx) 600Amp TPN busbar chamber distribution board unit complete with 4 pole 1350x 50 x 6mm thick copper bus-bar bars marked red, yellow and blue respectively to approval.	1	No		
C	TPN meter box constructed from 16 gauge galvanised mildsteel and painted or equal and approved equivalent (ref: site instructions for position)	1	No		
	<b><i>Earthing</i></b> <b><i>to conform with the IEE / KPLC requirements</i></b>				
A	Excavate and build 300 x 300 x 450mm deep earthing manhole using quarry stone blocks to approval.	2	Item		
B	1 x 16.0mm <sup>2</sup> pvc/sc Cu cable earth wire insulated green/yellow as East African Cables connected to earth electrodes (Approx mtrs) to approval	60	Lm		
C	5ft (Approx 1500mm long) copper earth electrode complete with clamp driven into the ground upto the required depth (ref. item No. A/B)	2	No.		
D	Final Connection of 1 x 16.0mm <sup>2</sup> pvc/sc Cu cable earth wire to busbar main earthing terminal / associated earthing terminals and earth electrodes to approval (ref: site instructions)	1	Item		
<b>TOTAL CARRIED TO COLLECTION</b>			SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>COLLECTION</b>				
	Brought Forward from page GBV/E1		SHS		
	Brought Forward from page GBV/E2		SHS		
	Brought Forward from page GBV/E3		SHS		
	Brought Forward from page GBV/E4		SHS		
	Brought Forward from page GBV/E5		SHS		
	Brought Forward from page GBV/E6		SHS		
	<b>TOTAL FOR PHASE ONE A LADIES / GIRLS BLOCK AND KITCHEN CARRIED TO SUMMARY</b>	SHS			

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><i>Supply, install, test and commission the following:</i></p> <p><b>PHASE ONE B</b>  <b>UPPER BLOCK LEFT WING</b></p> <p><i>Lighting Circuit</i></p> <p><b>NOTE:</b>  <i>All cables to be as East African Cables or equal and approved equivalent.</i></p>				
A	Lighting points in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 1.5mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent for 1 way 1 gang switching.	19	No		
B	Ditto lighting points for 1 way 2 gang switching.	8	No		
C	Ditto lighting points for 1 way 4 gang switching.	8	No		
D	Ditto lighting points for 2 way 1 gang switching. (ref: walkway )	6	No		
	<i>Lighting Circuit fittings</i>				
E	5Amp white moulded ivory flush mounting 1 way 1 gang plate switch as MK/HAVELLS/ CRABTREE/ MEM or equal and approved equivalent.	9	No		
F	5Amp white moulded ivory flush mounting 1 way 2 gang plate switch as MK/HAVELLS/ CRABTREE/ MEM or equal and approved equivalent.	4	No		
G	Ditto 5Amp 1 way 4 gang plate switch as MK/CRABTREE/MEM or equal and approved equivalent.	1	No		
	<b>TOTAL CARRIED TO COLLECTION</b>		SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<i><b>Lighting Circuit fittings Cont.</b></i>				
A	Ditto 5Amp 2 way 1 gang plate switch as MK/CRABTREE/MEM or equal and approved equivalent.	2	No		
B	1 x 60w bathroom model spherical ball fitting as THORN / PHILIPS or equal and approved equivalent.	4	No		
C	1 x 600mm single batten flourescent luminaire fittings as THORN/PHILIPS complete with prismatic diffuser or equal and approved equivalent.	2	No		
D	2 x 8w Flourscent weather proof bulkhead luminaire fitting as THORN or equal and approved equivalent.	13	No		
E	1 x 1200mm 65w flourescent luminaire fittings complete with prismatic diffuser as THORN /PHILIPS or equal and approved equivalent.	1	No		
F	4 x 600mm 18w flourescent luminaire fittings complete with lourvre diffuser as THORN/PHILIPS or equal and approved equivalent.	18	No		
G	1 x 60w special mildsteel stanchion mounting outdoor weather proof luminaire lighting as THORN/PHILIPS or equal and approved equivalent.	3	No		
	<b>TOTAL CARRIED TO COLLECTION</b>		SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><b><i>Power Circuits</i></b></p> <p><b><i>NOTE:</i></b>  <b><i>All cables to be as East African Cables or equal and approved equivalent.</i></b></p>				
A	Ceiling fan power points drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 1.5mm <sup>2</sup> pvc/sc Cu cables as East African Cable or equal and approved equivalent.	5	No		
B	Water pump power points drawn in concealed 20mm diametre heavy gauge 3 x 4.0mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent.	1	No		
C	20Amp SPN white moulded flush mounting DP water pump isolator / switch as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent.	1	No		
D	Final connection of water pump circuit draw in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African cables or equal and equivalent.	1	No		
E	Single phase automatic water pump control unit complete with float switch to specification.	1	No		
F	15Amp power points for air conditioner circuit drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 4.0mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent.	5	No.		
G	15Amp white moulded ivory flush mounting switched socket outlet MK/CRABTREE/ MEM/HAVELLS for air conditioner circuit or equal and approved equivalent	5	No		
<b>TOTAL CARRIED TO COLLECTION</b>			<b>SHS.</b>		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Power Circuits Cont.</i></b>				
A	Ditto white moulded ivory flush mounting 20Amp DP switch for air conditioner circuit as MK/CRABTREE/MEM or equal and approved equivalent.	5	No.		
B	Fire alarm panel power points drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 4.0mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent.	1	No		
C	White moulded ivory flush mounting 20Amp DP switch incorporating Neon light as MK/CRABTREE/MEM or equal and approved equivalent.	1	No		
D	13Amp socket outlet power points drawn in concealed 20mm diametre heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal approved equivalent.	27	No.		
E	1400mm 3 blade ceiling fan as ORIENT / CROMPTON complete with regulators or equal and approved equivalent.	5	No		
F	5Amp whitemoulded ivory 3 plate ceiling rose complete with 3-core 0.75mm <sup>2</sup> pvc flex cable and a biscuit ring as MK/CRABTREE/HAVELLS/MEM or equal and approved equivalent.	5	No		
G	White moulded ivory flush mounting single switched 13Amp DP Socket outlet as MK/CRABTREE/MEM or equal and approved equivalent	1	No		
H	Ditto but twin switched 13Amp DP Socket outlets as MK/CRABTREE/MEM or equal and approved equivalent.	26	No		
<b>TOTAL CARRIED TO COLLECTION</b>			SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Power Circuits Cont.</i></b>				
A	UPS circuit for 13Amp socket outlets drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 4.0mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent (ref: boardroom).	1	No		
B	Final connection of UPS circuit cables to 13Amp socket outlets power points drawn in concealed 20mm diametre PVC heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African Cables or equal and approved equivalent - 3 points (ref: boardroom).	3	No		
C	Extractor fan power points drawn in concealed 200mm diameter PVC heavy gauge conduit comprising of 3 x 2.5mm <sup>2</sup> pvc/sc Cu cables as East African cables or equal and approved equivalent.	1	No		
D	15Amp SPN MCB DP extractor fan isolator switch as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent.	3	No		
E	200mm (8") SPN washroom model extractor fan as ORIENT/CROMPTON or equal and approved equivalent to MBS Engineer's specification	3	No		
<b>TOTAL CARRIED TO COLLECTION</b>			SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Cable trunking installation</i></b>				
A	200 x 50mm 3 compartment oven baked galvanised mild steel cable trunking or equal and approved equivalent. (Approx. Mtrs).	85	Lm		
B	Ditto 13Amp twin socket outlet mounting plate to match item A to approval	13	No		
C	Ditto data cable socket outlet mounting plate to match item A to approval	7	No		
D	Ditto telephone cable socket outlet mounting plate to match item A to approval.	7	No		
E	3 No. 32mm diameter PVC heavy gauge conduit link approximately each 18mtrs long (ref: cable trunking layout plan /site instructions)	54	Lm		
	<b><i>Associated circuits</i></b>				
	<b><i>Data /Telephone outlets.</i></b>				
F	Computer data outlet point drawn in mild steel cable trunking / concealed 20mm diametre PVC heavy gauge conduit comprising of a draw wire	7	No		
G	Telephone outlet points drawn in mild steel cable trunking/concealed 20mm diametre PVC heavy gauge conduit comprising of a draw wire	7	No		
H	White moulded ivory flush mounting single data cable outlet socket as MK/CRABTREE/ MEM or equal and approved equivalent.	7	No		
J	Ditto telephone cable outlet socket as MK/CRABTREE /MEM or equal and approved equivalent.	7	No.		
	<b>TOTAL CARRIED TO COLLECTION</b>		SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><i>Associated circuits</i></b> <b><i>Data /Telephone outlets Cont.</i></b>				
A	TV Co-axial cable outlet points drawn in mild steel cable trunking/concealed 20mm diametre PVC heavy gauge conduit comprising of a draw wire.	1	No		
B	TV Co-axial white moulded ivory flush mounting cable outlet socket as MK/CRABTREE/MEM or equal and approved equivalent.	1	No		
	<b><i>Consumer Units / Distribution Boards</i></b>				
C	6 way TPN MCB flush mounting distribution board as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent.	1	No		
D	SPN MCBS to match above item (i) 10Amp (ii) 20Amp (iii) 30Amp (iv) Blanking plates for ways NOT connected.	3 7 4 4	No No No No		
E	4-Core 16mm <sup>2</sup> PVC armoured supply cable as East African cables or equal and approved equivalent from TPN MCCB isolator switch within the switchroom to distribution board (ref: site instructions) - Approx. mtrs.	90	Lm		
F	125Amp TPN MCCB Isolator switch as MK/CRABTREE/MEM/HAVELLS or equal and approved equivalent ( to be mounted within the switchroom)	1	No		
	<b>TOTAL CARRIED TO COLLECTION</b>		SHS.		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<i><b>Earthing</b></i> <i><b>to conform with the IEE / KPLC</b></i> <i><b>requirements</b></i>				
A	Excavate and build 300 x 300 x 450mm deep earthing manhole using quarry stone blocks to approval.	1	Item		
B	1 x 16.0mm <sup>2</sup> pvc/sc Cu cable earth wire insulated green/yellow as East African Cables connected to earth electrodes (Approx mtrs) to approval	30	Lm		
C	5ft (Approx 1500mm long) copper earth electrode complete with clamp driven into the ground upto the required depth (ref. item No. A/B)	1	No.		
D	Final Connection of 1 x 16.0mm <sup>2</sup> pvc/sc Cu cable earth wire to busbar main earthing terminal / associated earthing terminals and earth electrode to approval (ref: site instruction)	1	Item		
<hr/>					
<b>TOTAL CARRIED TO COLLECTION</b>			<b>SHS.</b>		

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>COLLECTION</b>				
	Brought Forward from page GBV/E08		SHS		
	Brought Forward from page GBV/E09		SHS		
	Brought Forward from page GBV/E10		SHS		
	Brought Forward from page GBV/E11		SHS		
	Brought Forward from page GBV/E12		SHS		
	Brought Forward from page GBV/E13		SHS		
	Brought Forward from page GBV/E14		SHS		
	Brought Forward from page GBV/E15		SHS		
	<b>TOTAL FOR PHASE ONE B UPPER BLOCK LEFT WING.</b>				
	<b>CARRIED TO SUMMARY</b>	SHS			

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>COLLECTION</b>				
A	Brought Forward from page GBV/E7		SHS		
B	Brought Forward from page GBV/E16		SHS		
	<b>TOTAL FOR PHASE ONE B UPPER BLOCK LEFT WING. CARRIED TO SUMMARY</b>	SHS			

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>PC AND PROVISIONAL SUMS</b>				
A	<b>PROVISIONAL SUMS</b>		ITEM		
A	Provide a provisional sum of Kshs. 1,000,000 for contingency to be used as directed by the project Manager		ITEM		
B	Provide a provisional sum of Kshs. 200,000 for Project Management Team to be used as directed by the project Manager		ITEM		
C	Provide a provisional sum of Kshs. 100,000 for Client Project Management Team to be used as directed by the project Manager		ITEM		
D	Provide a provisional sum of Kshs. 500,000 for <b>BIODIGESTOR</b> to be used as directed by the project Manager		ITEM		
<b>Total carried to summary page</b>				<b>Ksh.</b>	

PROPOSED CONSTRUCTION OF MOMBASA CARNAL AND GENDER BASED VIOLENCE RESCUE CENTRE AT MWAKIRUNGE - PHASE

II

ITEM	DESCRIPTION	AMOUNT
	<b>GRAND SUMMARY</b>	
A	GENERAL PRELIMINARIES	
B	PARTICULAR PRELIMINARIES	
C	BUILDERS WORKS	
D	EXTERNAL WORKS	
E	MECHANICAL WORKS	
F	ELECTRICAL WORKS	
G	PC AND PROVISIONAL SUM	
	<b>TOTAL</b>	

TENDER SUM (WORDS).....

TENDERER'S NAME AND ADDRESS.....

.....

SIGN.....DATE.....

WITNESS NAME AND ADDRESS.....

.....

SIGN.....DATE.....