

PROPOSED MATERNITY WING AT ELBURGON HOSPITAL - MOLO
SUB COUNTY - NAKURU COUNTY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	1.0 THE MATERNITY				
	<u>ELEMENT NO. 1</u>				
	SUBSTRUCTURES				
	(All provisional)				
A	Clear site of all grass and small trees not exceeding 600mm girth and cart away or burn arisings	700	Sm		
B	Cut down trees exceeding girth over 600mm girth grub up roots and stumps chop to required lengths and hand over to client/cart away	50	No		
C	Excavate oversite to remove vegetable top soil average 250mm deep and cartaway to spoil heaps as directed on site	700	Sm		
D	Excavate to reduce level not exceeding 1.5m deep from stripped level and cart away	1050	Cm		
E	Excavate for foundation strip footing in normal soil not exceeding 1.5m deep from reduced level	344	Cm		
F	Ditto; but for column bases	198	Cm		
G	Excavate for strip footing 1.50 to 3.0metres deep	49	Cm		
H	Ditto; but for column bases	66	Cm		
J	Return fill and ram selected excavated material around foundations	532	Cm		
K	Load, wheel and cart away from site surplus excavated material and deposit in approved dumping area	125	Cm		
L	Extra over all kinds of excavation for excavating in rock irrespective of class	100	Cm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Allow for keeping excavations free from all water by pumping or otherwise		Item		
B	Ditto; for plunking and strutting to sides of excavations		Item		
C	300mm Thick (average) approved broken quarry stone hardcore filling in two equal layers well rolled and compacted	295	Sm		
D	Form sinking size 500mm (average)wide x 300mm deep in hardcore including forming splayed sides	19	Lm		
E	Well compacted imported granular material fill to make up levels	443	Cm		
F	50mm thick stone dust blinding to surface of hardcore	295	Sm		
	<u>Concrete works</u>				
	50mm plain concrete mix (1:3:6 - class 15/20mm) blinding under:				
G	Strip footing	131	Sm		
H	Column bases	75	Sm		
	Vibrated Reinforced Concrete mix (1:2:4) class 20/20mm in:				
J	Strip footing	33	Cm		
K	Column bases	30	Cm		
L	150mm thick floor bed	295	Sm		
M	Column	3	Cm		
M	200mm thick wall	22	Sm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Mesh Fabric</u>				
A	Steel fabric mesh reinforcement type A142 weighing 2.22kg to BS 4483 with 150mm side laps (measured ne-no allowance for laps)	295	Sm		
B	Extra for 500mm (average) thickening under beds 300mm deep	19	Lm		
	<u>Expansion joint</u>				
C	25mm thick Aeroflex filler	36	Sm		
D	25x25mm "Expendite" sealer	24	Lm		
	<u>Sawn formwork to:</u>				
E	Sides of strip footing	82	Sm		
F	Sides of columns bases	74	Sm		
G	Sides of columns	40	Sm		
H	Sides of wall surfaces	44	Sm		
J	Sides of wall bases	9	Sm		
K	Edges of ground floor bed exceeding 75mm but not exceeding 150mm wide	82	Lm		
	<u>MASONRY</u>				
L	200mm thick natural stone walling; quarry dressed bedded and jointed in cement sand(1:3) mortar; reinforced with hoop iron at alternate courses	327	Sm		
M	200mm thick skin wall	0	Sm		
	<u>Surfaces Treatment</u>				
N	"Dragnet" or other equal and approved antitermite insecticide treatment to blinded hardcore surfaces applied in accordance with manufacturer's instructions	295	Sm		
	<u>Damp proofing</u>				
K	1000 gauge polythene sheeting laid under concrete floor bed	295	Sm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Reinforcement</u>				
	<u>Ribbed 'D' bars as described in</u>				
A	16mm diameter bars in column bases	2169	Kgs		
B	20mm Ditto; in bases	0	Kgs		
C	16mm Ditto in columns	918	Kgs		
D	8mm Ditto	382	Kgs		
E	10mm Ditto in strip footing	1056	Kgs		
F	12mm in wall and wall base	768	Kgs		
G	16mm ditto	3502	Kgs		
	<u>Cement & Sand (1:4)</u>				
H	12mm thick to plinth surfaces wood floated	33	Sm		
J	Prepare and apply three coats of bitumastic paint to rendered surfaces	33	Sm		
	Carried to collection				
	<u>Collection</u>				
	Brought forward from Page EMW/102				
	Brought forward from Page EMW/103				
	Brought forward from Page EMW/104				
	Brought forward from Page EMW/105				
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 02</u>				
	<u>REINFORCED CONCRETE</u>				
	<u>SUPERSTRUCTURES</u>				
	Vibrated reinforced concrete (1:2:4) Class 20/20mm in:				
A	Beams	34	Cm		
B	Gutter beam 150mm thick	16	Cm		
C	Columns	9	Cm		
D	Suspended floor slab, thickness 175mm	284	Sm		
E	Suspended roof slab thickness 175mm	295	Sm		
F	175x200mm thick kerb	142	Lm		
	<u>Reinforcement (all provisional)</u>				
	Deformed bars BS 4461 as described in:				
G	8mm diameter bars in beams	1098	Kgs		
H	16mm ditto in beams	1704	Kgs		
J	20mm ditto; in beams	1760	Kgs		
K	8mm ditto; in column	371	Kgs		
L	12mm ditto	2500	Kgs		
M	16mm ditto in column	1491	Kgs		
N	8mm ditto in gutter beam	1516	Kgs		
P	10mm ditto	1793	Kgs		
Q	16mm ditto	753	Kgs		
R	20mm ditto	1500	Kgs		
S	10mm in suspended floor slab	7600	Kgs		
T	10mm ditto in roof slab	7900	Kgs		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Sawn formwork to:</u>				
A	Sides and soffits of beams	409	Sm		
B	Sides and soffits of gutter beams	140	Sm		
C	Sides of columns	139	Sm		
D	Soffites of suspended slabs	579	Sm		
E	Edges of ditto 150-225mm wide	181	Sm		
F	Sides and soffites of kerb	50	Sm		
	Total carried to collection				
	<u>Collection</u>				
	Brought forward from EMW/106				
	Brought forward from EMW/107				
	Total element 02 Frame carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 03</u>				
	<u>WALLING</u>				
	<u>External walls</u>				
	<u>Hessian based Bituminous Damp Proof</u>				
	<u>Course bedded and jointed in cement sand mortar 1:3</u>				
A	200mm wide	141	Lm		
B	150mm wide	0	Lm		
C	100mm wide	23	Lm		
D	200mm thick natural stone walling; medium chiseled dressed; bedded and jointed in cement and (1:3) mortar	428	Sm		
E	200mm thick precast concrete louvre block walling jointed and bedded in cement mortar (1:4)	81	sm		
	<u>Internal walls</u>				
	Approved load bearing machine dressed "Thika" natural stone walling bedded and jointed in cement sand (1:3) mortar with 20mm wide hoop irons in every alternate course				
F	200mm thick walling	238	Sm		
G	150mm thick ditto	0	Sm		
H	100mm thick	43	Sm		
J	200mm thick dwarf wall	22	Sm		
	<u>Curtain walling</u>				
K	Powder coated anodised aluminium curtain walling comprising 100 x 50mm extruded aluminium frame sections at 900mm vertical centers and 1050mm horizontal centres; panel infilled with and including 6mm clear sheet glass; 2700mm high overall	6	Lm		
	Total element 03 walling to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.4</u>				
	<u>ROOF CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL</u>				
	<u>Roof covering</u>				
A	1320x370mm stone coated steel "decra" roofing tiles or other equal approved onto but excluding truss laid to slope not exceeding 25 ⁰	314	Sm		
B	Translucent polycarbonic sky light roof covering to atrium	0	Sm		
C	Extra over for raking cutting	134	Lm		
	<u>Accessories, fixing as necessary to roof covering</u>				
D	Standard barrel half round ridge tile to match; 1320mm long to hip and ridge cap; and fixing to position	30	Lm		
E	Ditto hip cap	34	Lm		
F	Extra for stone coat box barge cover 1320mm long	0	Lm		
G	Ditto stone coat valley strip ditto	17	Lm		
H	Ditto stone coat side flashing ditto	85	Lm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Roof construction</u>				
	<u>All the following structural timber shall be sawn second grade treated cypress with 9-15% M.C.</u>				
A	100 x 50mm wall plate	82	Lm		
B	75 x 50mm purlins	376	Lm		
C	150 x 50mm ditto	63	Lm		
	<u>Trusses</u>				
	<u>The following in Trusses with nailed connections including templates fillets, straps, splices and hoisting approx 3.15metres above ground level</u>				
	Type	No off	pitch	span (mm)	Rise (mm)
	T17	178	Mono	3200	857
	T18	1	Mono	4570	1225
D	150 x 50mm rafters	210	Lm		
E	150 x 50mm joists	202	Lm		
F	100 x 50mm ties and struts	299	Lm		
G	100x50mm king post	28	Lm		
H	100 x 50mm collar splice plate	105	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Other members</u>				
A	150 x 50mm valley rafters	33	Lm		
B	150 x 50mm hip rafters	34	Lm		
C	150 x 50mm common rafters	249	Lm		
D	200 x 25mm ridge board	27	Lm		
E	50x50mm battens	1131	Lm		
	<u>Anchor bolts</u>				
F	12mm x 50 x 2mm diameter "J" bolts, 400mm long with head nut and washers cast into concrete	92	No		
	<u>Rainwater disposal</u>				
	<u>24g galvanized mild steel sheeting</u>				
G	Raking flashing overall 400mm girth top and turned and wedged into and including 50 x 50mm mortice in stone or concrete and rin in with cement and sand (1:3) mortar and bottom edge dressed over roofing	0	Lm		
H	Ditto horizontal	0	Lm		
	<u>26g galvanized mild steel sheeting; all welds ground smooth</u>				
J	200 x 200mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers	0	Lm		
K	Extra ; for blocked ends with 75mm dia. Outlet 100mm long	0	No		
L	100mm Diameter fulbora outlet	10	No		
	<u>The following in wrot cypress</u>				
M	200x25mm thick fascia	370	Lm		
N	25 x 100mm tongue & grooved boarding secret nailed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres	296	Sm		
	Total curried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Roof Plumbing</u>				
	Galvanised mild steel sheet 22 gauge				
A	100mm diameter 22 gauge galvanized metal rain water downpipe fixed to wall with holder bats at 900mm centres	69	Lm		
B	Extra over downpipe for swan neck projecting 600mm	10	No		
C	Ditto shoe	10	No		
D	1000mm girth lining to slopping gutters with 200mm laps comprising 15x200mm gutter and 200mm intergral flassing each side	17	No		
	Carried to collection below				
	Collection				
	Brought forward page EMW/109				
	Brought forward page EMW/110				
	Brought forward page EMW/111				
	Brought forward page EMW/112				
	Total element 04 roof construction to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 05				
	DOORS				
	Mild steel casement				
A	Double grilled door comprising 50 x 50 x 3mm rolled hollow section frame all round in filled with 30 x 30 x 2mm thick RHS vertical baluster 150mm center and similar horizontal member at 200mm centers in a straggered configuration overall size 1800 x 2850mm high	3	No		
B	Mild steel pannel double door overall size 3000x2850mm high in 2No. equal leaves each leaf complete with 100x50x3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primer before delivery to the site.	0	No		
C	Ditto size 1200 x 2850mm high	2	No		
D	Ditto single leaf size 900x2700mm high	0	No		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	HDF Mahogany veneered timber door				
A	45mm thick moulded panel door single swing as supplied by BG Bison or other equal approved overall size 900 x 2850mm high with 750mm top fanlight	2	No		
	Flush doors				
B	45mm ditto size 1200x2850mm high with 750mm fanlight ditto (Labour ward only)	4			
C	45mm thick moulded panelled double door single swing in two equal leaves overall size 1200 x 2850mm high comprising of 750 x mm high glazed fan light at to (m/s) 1200 x 2100mm high openable leaves each faced with interior quality mahogany veneer both sides and hard wood lipped all round	4	No		
D	45mm thick moulded panel double door double swing ditto overall size 1500x2850mm high	2	No.		
	Flush doors				
E	45mm thick semi solid cored flush door in hardwood lipped size 900 x 2850mm high faced with interior quality veneer facing both sides with 900 x 750 high glazed fanlight at top	2	No		
F	Size 900 x 2100mm ditto	8	No		
G	Ditto 1300 x 2100mm high double leaf	2	No		
	The following in wrot mahogany				
H	200 x 50mm thick door frame with one labour plugged	42	Lm		
J	200 x 50mm transome, 2 labours	8	Lm		
K	200x50mm mullion	5	Lm		
L	150x50mm thick frame with one labour plugged	42	Lm		
M	150x50mm transome, 2 labours	8	Lm		
N	100x50mm frame one labours plugging	52	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	40 x 15mm architrave with one labour	136	Lm		
B	25mm quadrant	136	Lm		
C	25 x 25mm glazing beads	51	Lm		
	4mm thick clear sheet glass to wood:				
D	Panes 0.5 to 1.00 square meters	7	Sm		
E	Panes 0.1to 0.5 square metres	1	Sm		
	<u>4mm thick clear sheet to metal with glazing compound</u>				
F	Panes 0.5 to 1.00 square metres	3	Sm		
	Ironmongery				
	Supply and fix the following ironmongery as "union" or other equal and approved to wood with matching screws				
G	Cylinder Bathroom lock set with turn handle and rose in satin anodized aluminium set of lever furniture Ref. Toucan DS-051	10	No		
H	Double cylinder lock set with handle on plate complete with lever furniture ditto. Ref. Elegance LS-C85-306 SN	2	No		
J	Double cylinder lock set for double door with satin anodized aluminium set of lever furniture Ref. Elegance LS-C85-306 SN	8	No		
K	100mm stainless steel bearing butt hinges Ref. BB-403030-SS	18	Prs		
L	100mm brass parliament butt hinges Ref. P-404040-SS	27	Prs		
M	Steel door lock	2	NO		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Door closer as Union Ref. 8834	4	No		
B	38mm diameter rubber door stopper plugged to floor	26	No		
C	150mm long lever action flush bolt Ref. No U8052	32	No		
Total carried to collection					
<u>Collection</u>					
Brought forward from page EMW/113					
Brought forward from page EMW/114					
Brought forward from page EMW/115					
Brought forward from page EMW/116					
Total element o5 carried to summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 06</u>				
	WINDOWS				
	Fine chiseled "Blue Njiru" stone walling in cement mortar				
A	150 x 22mm cill, bedded and jointed in cement and sand 1:1 and pointed in coloured cement mortar	110	Lm		
	Supply and fix double metal curtain rods from "Challenge Engineering" or other equal and approved comprising of 25mm diameter wrought iron front 16mm diameter rear rail complete with fixing brackets, curtain holding rings and decorative end stops and all necessary paintwork				
B	Curtain rods	70	Lm		
	<u>Casement - External</u>				
	Supply, assemble and fix the following purpose-made mild steel <u>TOP HUNG OUTWARD OPENABLE</u> windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
C	2000 x 1800mm high	34	No		
D	1800x1800mm high	6	No		
E	1800 x 1200mm high	4	No		
F	800x1050mm high	10	No		
	<u>Glazing</u>				
G	4mm thick Reflective sheet glass and glazing in panes 0.1-1.0sm with putty compound	142	Sm		
H	Ditto; obscured glass	17	Sm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Casement - Internal</u>				
	Supply, assemble and fix the following purpose-made mild steel Top Hung Outward Opening windows casement complete with all opening accessories, 50 x 50mm thick frame units; including "snap on" 30mm wide permanent vent; building in ligs to jambs; plugging and screwing head and cill; bedding frames in waterproof cement mortar and pointing in approved mastic externally; fixing 6mm thick reflective glass m.s oiling, easing and adjusting as described in the following overall sizes				
A	2000 x 1800mm high	8	No		
	Glazing				
B	4mm thick reflective sheet glass and glazing in panes 0.1-1.0sm with Putty compound	0	Sm		
C	Ditto; obscured glass	29	Sm		
	Total carried to collection				
	COLLECTION				
	Brought forward from page EMW117				
	Brought forward from page EMW/118 above				
	Total element 04 windows to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 07</u>				
	EXTERNAL FINISHES				
	Wall Finishes				
A	Extra over natural stone walling for neat flush horizontal and vertical joints in coloured cement mortar	0	Sm		
	Cement and sand (1:4)				
B	15mm thick cement sand (1:4) render to columns	58	Sm		
C	Ditto beam	98	Sm		
D	Ditto wall facade surfaces	12	Sm		
E	Ditto sides of gutter beam fascia	53	Sm		
F	Ditto sides and soffites of kerb	78	Sm		
G	Screeding to receive wall finish	393	Sm		
	<u>Cement lime plaster: 15mm thick (1:2:9)</u>				
H	Plaster to soffites of gutter	67	Sm		
	<u>Rough and Tough wall finish</u>				
J	Prepare and apply rough and touch exterior wall finish as "Crown paints" or equivalent and to approved colour	241	Sm		
	<u>Hand scratched burnt clay</u>				
K	250x75x35mm thick brick facing in cement mortar	276	SM		
	Mazerah cladding				
L	200x200x20mm thick cladding fixed with cement and sand (1:2) mortar	117	SM		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Roof finishes				
A	Form groove in concrete for edge of felt roofing and grout in cement sand mortar (1:4) including forming bell mouth joint	150	Lm		
	<u>Supply and fit APP water proofing membrane (m/s) as Italbuild Ltd laid strictly in accordance with manufacturer's printed instructions</u>				
B	Gutter cover laid to fall and cross fall on sceed	41	Sm		
C	725mm high with top edge dressed into groove (m/s) and bottom edge jointed to felt	74	Sm		
D	Dress felt around 100mm rain water outlet	10	No		
	<u>Light weight roof screeds consisting of cement, sand and pumice (1:3:7) with 6mm layer of cement and sand topping laid to falls and crossfalls.</u>				
E	25mm screed on concrete to receive felt roofing sloping < 45 degrees from horizontal	41	Sm		
F	15mm ditto to sides of gutter beam	74	Sm		
G	50 x 50mm triangular fillet	150	Lm		
H	Work screed around 100mm rainwater outlet	10	No		
	<u>Precast concrete class 20/12mm fair faced finished smooth</u>				
J	250x50mm capping sunk weathered both surfaces ad twice throated bedded and jointed in cement mortar (1:3)	85	Lm		
	<u>Curtain walling</u>				
K	Curtain walling in mild steel comprising main 100x50x4mm thick extruded rolled hollow section (RHS) frame section at 800mm vertical general spacing and 700 horizontal centres resulting panels infilled with 5mm thick toughedned glass and glazing with putyy on 25mm 'T' sections 300mm wide and 600mm high	104	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>COLLECTION</p> <p>Brought forward from page EMW/119</p> <p>Brought forward from page EMW/120</p>				
	Total element 07 carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 08				
	INTERNAL FINISHES				
	<u>FLOOR FINISHES</u>				
	Cement and sand (1:4) screed				
A	Screed backing under floors finished with wood float, thickness 32mm to receive ceramic tiles (m/s)	181	Sm		
B	Ditto 20mm thick to floor to receive terrazzo (m/s)	383	Sm		
	Floor tiles				
C	330 x 330 x 8mm thick ceramic tiles as manufactured by "Flamingo Tiles" or other approved non-slip tiles fixed with approved adhesive in approved (washrooms)	45	Sm		
D	Ditto (ground floor delivery rooms only)	136	Sm		
E	100mm high ditto skirting	0	Lm		
	Polished white cement based terrazo				
F	20mm thick paving to floor polished smooth complete with and including 40x4mm thick white plastic divindings strips	383	Sm		
G	20x100mm high skirting rounded top edge and coved junction with floor	238	Lm		
H	Extra over floor slab for 200mm wide x100mm deep channel finished in ceramic tiles to bottom and sides complete with grating 25x2mm thick LS angle frame all round grouted into concrete and channel grating cover in 12mm square bar at 25mm centres	24	Lm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	WALL FINISHES				
	Cement and sand (1:4) screed				
A	Screed backing to wall wood floated thickness 15mm	449	Sm		
	Coloured glazed ceramic wall tiles and fittings (cloakrooms)				
B	200 x 300 x 6mm as manufactured by "Flamingo Tiles" or other approved coloured tiles bedded and jointed in cement and sand 1:1 and pointed in coloured cement grouting (washrooms)	186	Sm		
C	Ditto (delivery rooms ground floor only)	264	Sm		
	Cement Lime plaster; 15mm thick (1:2:9)				
D	Plaster to wall surfaces	1103	Sm		
E	Ditto concrete surface	0	Sm		
	<u>Cement lime plaster: 15mm thick mix (1:2:9)</u>				
F	Ditto to soffits of suspended slab	579	Sm		
	CEILING FINISHES				
	<u>GYP SUM</u>				
G	100 x 25mm decorative gypsum cornice	446	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>COLLECTION</u></p> <p>Brought forward from page EMW/122</p> <p>Brought forward from page EMW/123</p>				
	Total element 08 internal finishes to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 09				
	PAINTING & DECORATING				
	ROOF				
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:				
A	General surfaces of roof steel work	0	Kg		
B	General surfaces of 100mm diameter down pipe girth over 300mm	22	Sm		
	WINDOWS				
	Prepare and supply two undercoasts stainer and two finishing coats of vanish to:-				
C	Surfaces exceeding 100 but not exceeding 200mm girth window cill	110	Lm		
	Touch up primer and apply one undercoat and two finishing coats of 1st quality supergloss paint to:-				
D	Metal Casement surface girth over 300mm internally	217	Sm		
E	Ditto Externally	159	sm		
	Total to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	DOOR				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
A	General surfaces of doors	89	Sm		
B	Surfaces not exceeding 100mm girth	128	Lm		
C	Surfaces 100 to 200mm girth	0	Lm		
D	Surfaces exceeding 200 but n.e. 300mm girth	105	Lm		
	Prepare and apply one undercoat and two finishing coats of gloss oil paint to:				
E	General surfaces of doors both side measured	41	Sm		
F	Surfaces not exceeding 100mm girth	104	LM		
G	Surfaces exceeding 100 but not exceeding 200mm girth	52	Lm		
	Touch up primer and apply one undercoats and two finishing coasts of 1st quality supergloss paint to:				
H	General surfaces of metal (b.s.m.)	51	Sm		
	EXTERNAL FINISHES				
	Prepare and apply 3 No. coats matt vinyl exterior wall finish as paint to:				
J	General rendered surfaces externally	241	Sm		
K	Louvre block walling	81	Sm		
L	Soffites of gutter beam	67	Sm		
	Prepare and apply 1 No coats stainer and 2 No. finishing coats of varnish to:				
M	General surfaces of mazerah tiling	117	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	INTERNAL FINISHES				
	Prepare and apply one undercoat and two finishing coats of 1st quality silk vinyl paint to:-				
A	General plastered surfaces of walls	1103	Sm		
B	General plastered surfaces of horizontal suspended soffits	579	Sm		
C	General plastered concrete surfaces	58	Sm		
D	Gypsum ceiling soffits	0	Sm		
E	General surfaces of loured block walling	81	Sm		
F	Surfaces not exceeding 100mm girth of cornice	446	Lm		
	JOINERY FIXTURES				
	Prepare and apply two undercoats stainer and two finishing coats of vanish to:-				
G	General surfaces of timbers	0	Sm		
H	Surfaces not exceeding 100mm girth	0	Lm		
J	Surfaces exceeding 100 but not exceeding 200mm girth	0	Lm		
	Total collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>Collection</u></p> <p>Brought forward from page EMW/125</p> <p>Brought forward from page EMW/126</p> <p>Brought forward from page EMW/127</p>				
	Total element 09 painting and decoration to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT No. 10</u> <u>STAIR CASE -1 NO</u> <u>Insitu concrete (1:2:4) reinforcement</u> <u>Normal class 20/20mm vibrated</u>				
A	Stairs	3	Cm		
B	150mm thick landing	7	SM		
C	Stair beam	1	CM		
	Bars: Ribbedsteel: cold worked: B.S 4461 including bends, hooks tying wire, distance block and spacers				
D	16mm diameter bars	52	KG		
E	12mm diameter bars	360	KG		
F	12mm diameter bars	140	KG		
G	8mm diameter bars	31	KG		
	<u>Sawn formwork to:</u>				
H	Sloping soffits of stairs	12	SM		
J	Horizontal soffits of landings	7	SM		
K	Ditto edge of landing 75-150mm	10	LM		
L	Ditto sides and soffites of stair beam	12	SM		
M	Riser girth over 75mm - 150mm high	34	LM		
N	Sides and soffites of beam	12	SM		
P	Open string of staircase 335mm external height including cutting to profile of treads amd riser	14	LM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>12mm thick cement sand (1:6) plaster to:</u>				
A	Stair beam	12	SM		
B	Sloping soffits of stairs	12	SM		
C	Horizontal soffit of landing	7	SM		
	<u>20mm thick cement sand (1:3) screed trowelled rough to receive terrazzo on:</u>				
D	Tread 300mm wide	24	LM		
E	Riser 150mm high	38	LM		
F	Landing	7	SM		
G	Edge of upto stair string 300mm wide	14	LM		
	<u>20mm polished terrazzo on:</u>				
H	Tread 300mm wide	34	LM		
J	Riser 150mm high	38	LM		
K	Landing	7	SM		
L	Edge of stair 300mm wide	14	LM		
M	20x100mm polished terrazzo skirting	21	LM		
N	Non slip carborundum inset to treads	34	LM		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
P	Stair beam	12	SM		
Q	Sloping soffits of stairs	12	SM		
R	Horizontal soffit of landing	7	SM		
	Totalcarried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>3mm thick mild steel circular hollow extrusion tubes</p> <p>Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling</p>				
A	Staircase railing horizontal 1250mm high	36	Lm		
B	Staircase railing raking 1250mm high	46	Lm		
	<u>Paintwork</u>				
C	Touch up priming wrot and apply 1 No. coat calcium plumbate primer and prepare and apply 3 No. coats glass enamel to steel surfaces generally	103	Sm		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
D	Plastered concrete surfaces	660	Sm		
	Carried to collection				
	<u>COLLECTION</u>				
	Brought forward from page EMW/129				
	Brought forward from page EMW/130				
	Brought forward from page EMW/131				
	Total for element No. 10 1 No. Stair Case carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 11</u>				
	<u>RAMP -1 NO.</u>				
	<u>EARTHWORKS (All Provisional)</u>				
A	Clear site of all shrubs undergrowth including grubbing up roots and dispose off as directed	100	SM		
B	Cut down trees not exceeding 600mm girth, grub up roots and stumps and store on site as directed	2	NO		
C	Excavate oversite average 200mm deep and cart away	100	SM		
D	Excavate to reduce level not exceeding 1.5 metres deep	150	CM		
E	Excavate trenches for strip foundation not exceeding 1.5 metres from reduced level	23	CM		
F	Ditto for column bases	69	CM		
	<u>Filling and carting away</u>				
G	Return fill and ram with selected and approved excavated material around foundations	94	CM		
H	Load and cart away excavated materials from site	50	CM		
J	Approved hardcore bed handpacked, well watered and compacted leveled to receive concrete 300mm deep	13	CM		
K	50mm selected line material to hardcore surfaces well rolled and leveled to receive concrete	42	SM		
L	Apply 'Termidor' or any other similar and approved termite chemical treatment on blinded surfaces	42	SM		
M	500 gauge polythene sheeting with sides and end laps as described laid on blinded surface	46	SM		
N	Excavate trenches for strip footing 1.50 to 3.0 metres deep		CM		
P	Ditto column bases	21	CM		
	Total carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Plain concrete class Q mix 1:3:6 in:-</u>				
A	50mm thick blinding under foundation footing	11	SM		
B	Ditto column bases	20	SM		
	<u>Vibrated reinforced concrete grade 20/20 (1:2:4) in</u>				
C	Column bases	8	CM		
D	Strip footings	2	CM		
E	Columns	1	CM		
F	150mm thick ground floor bed	46	SM		
	<u>Sawn formwork</u>				
G	Sides of column bases	23	SM		
H	Sides of strip footing	16	SM		
J	Sides of column curved to 100mm radii	15	SM		
K	Edges of floor bed 75-150mm high	28	LM		
L	Ditto curved to 1500mm radii	5	LM		
	<u>Steel reinforcement as described including cutting to length bending and fixing including all necessary tying wires etc</u>				
M	8mm diameter ribbed square twisted steel bar in strip footing	87	KG		
N	10mm ditto	91	KG		
P	16mm ditto	589	KG		
Q	16mm ditto	625	KG		
R	20mm ditto	0	KG		
	<u>Steel fabric BRC mesh reinforcement to B.S 4483</u>				
S	No. 142 fabric weighing 2.22Kg/sm laid in bed a.b.d	46	SM		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Natural stone walling roughly squared in cement and sand (1;3) mortar and including reinforcing with 20x3mm thick hoop iron in every alternate course</u>				
A	200mm thick foundation walling	35	SM		
	<u>Plinths</u>				
B	12mm thick cement and sand (1:3) render to plinths	13	SM		
C	Prepare and apply three coats bituminous paint to rendered plinths	13	SM		
	(End of provinsional work)				
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Reinforced concrete</u>				
	<u>1:2:4 in</u>				
A	Roof beams	3	CM		
B	Beams raking	6	CM		
C	Columns	6	CM		
D	125mm thick suspended ramp	48	SM		
	<u>Sawn formwork to:</u>				
E	Sides and soffities of beams, horizontal	31	SM		
F	Ditto, raking	69	SM		
G	Vertical side columns curved to 100mm radii	64	SM		
H	Ditto curved to 1500mm radii	51	SM		
J	Soffites of raking suspended ramp slabs	46	SM		
K	Edges of suspended slab 150 to 75mm wide	66	LM		
L	Ditto curved to 1500mm radii	10	LM		
	<u>Steel reinforcement as described including cutting to length bending hoisting and fixing including all necessary tying wires and spacing blocks (all provisional)</u>				
	<u>Mild steel round bars</u>				
	<u>Hihg tensile square twisted bars</u>				
M	8mm diameter bars in beams and columns	481	KG		
N	12mm ditto in beam	0	KG		
P	16mm ditto	1945	KG		
Q	20mm Ditto	650	KG		
R	10mm diameter bars in suspended ramp	958	KG		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOF CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL</u>				
	<u>Roof Covering</u>				
A	Gauge 26 IT4 resincot roofing sheet nailed to purlins at 1350mm general spacing	90	SM		
	<u>Accessories,fixing as necessary to roof covering</u>				
B	Standard barrel half round ridge tile to match 2000 mm long x 333mm girth to ridge cap,and fixing to position	14	LM		
C	Ditto hip cap ditto	14	LM		
	<u>Construction</u>				
	<u>Trusses - 9 No.</u>				
	<u>The following in 9 No. trusses at 1800mm general spacing pressure impregnated first grade cypress timber and hoisting 6300mm Approx above ground floor level</u>				
D	150x50mm Rafters	51	LM		
E	150x50mm tie beams	33	LM		
F	150x50mm king post	8	LM		
G	100x50mm struts and ties	386	LM		
H	100x50mm Collar splices	14	LM		
	<u>Other Roof members</u>				
J	75x50mm purlins	152	LM		
K	150x50mm purlins	0	LM		
L	150x50mm common rafters	23	LM		
M	150x50mm hip rafters	0	LM		
N	100x50mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres	33	LM		
P	200x50mm Ridge board	14	LM		
Q	225x25mm wrot cypress fascia berge board	33	LM		
	<u>Carried to collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Rain Water Goods and Accessories</u>				
A	150mm diameter UPVC gutters and fixing to fascia with brackets at 900mm centres	28	LM		
B	Ditto curved to 1500mm radius	45	LM		
	<u>Extra for;</u>				
C	Bend	8	NO		
D	Stopped end	2	NO		
E	75mm outlet	4	NO		
F	75mm diameter UPVC down pipe and fixing to wall with holder bats at 900mm centre	25	LM		
	<u>Extra for:</u>				
G	Swaneck offset	4	NO		
H	Shoe	4	NO		
	<u>Decoration and painting</u>				
	<u>Knot ,stain prepare and apply three coats oil gloss paint to:</u>				
J	Surface of timber 200-300 mm girth	33	LM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Ramp finishes</u>				
	<u>12mm thick cement sand (1:6) plaster to:</u>				
A	Beams	151	SM		
B	Sloping soffits of ramp	46	SM		
C	Vertical sides of column	64	SM		
D	Raking edges of ramp	13	SM		
	<u>20mm thick cement sand (1:3) screed backing trowelled rough to receive terrazzo on:</u>				
E	Horizontal floor bed	46	SM		
F	Sloping ramp	48	SM		
G	Edge of kerb 300mm wide	18	LM		
	<u>20mm polished terrazzo on:</u>				
H	Floors level	46	SM		
J	Ramp	48	SM		
K	Edge of ramp 300mm wide	18	LM		
L	40x4mm thick white pvc dividing strip	200	LM		
	<u>Prepare and apply one undercoat and two finishing coats of vinyl matt plastic emulsion</u>				
M	Beam	151	SM		
N	Sloping soffits of ramp	48	SM		
P	Column surfaces	64	SM		
Q	Raking edges of ramp	13	SM		
	Total carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Ceiling</u>				
A	50x50mm sawn celcured cypress timber brandering	150	LM		
B	75x50mm ditto but plugged	42	LM		
C	12mm thick gypsum board ceiling screwed to timber brandering (m/s).	46	SM		
D	Extra over celotex ceiling for trap door size 600x450mm wide comprising with and including 50x50mm timber framing.	1	NO		
E	75x25mm thick wrot softwood moulded cornice	42	LM		
	<u>Prepare and apply 3 No. coats matt vinyl plastic emulsion paint to:</u>				
F	Celotex ceiling surfaces	46	SM		
G	Timber surfaces not exceeding 100mm girth	40	LM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p>3mm thick mild steel circular hollow extrusion tubes</p> <p>Composite balustrading comprising 50mm diameter x 3mm thick top rail welded onto 25mm x 3mm secondary baluster 200mm long at 450mm long; 50mm diameter primary baluster at 900mm centres and 30mm diameter x 2mm horizontal braces at 250mm centres to detail including grinding welds smooth fixing to concrete plinth and kerb and end to walling</p>				
A	Staircase railing horizontal 900mm high	13	Lm		
B	Staircase railing raking 900mm high	49	Lm		
	<u>Paintwork</u>				
C	Touch up priming wrot and apply 1 No. coat calcium plumbate primer and prepare and apply 3 No. coats glass enamel to steel surfaces generally	112	Sm		
	Carried to collection				
	<u>COLLECTION</u>				
	Brought forward from page EMW/132				
	Brought forward from page EMW/133				
	Brought forward from page EMW/134				
	Brought forward from page EMW/135				
	Brought forward from page EMW/136				
	Brought forward from page EMW/137				
	Brought forward from page EMW/138				
	Brought forward from page EMW/139				
	Brought forward from page EMW/140				
	Total for element No. 11 1 No ramp carried to summary				

ELECTRICAL INSTALLATION WORKS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>GROUND FLOOR</u>				
	Supply, install, test and commission the following				
A	Lighting points wired in 3 x 1.5 sq mm ² square single core PVC copper cables drawn in 20mm diameter HG PVC conduits concealed including all conduit accessories but exceeding switches and luminaires				
	i) One way switching	51	NO		
	ii) Two way switching	16	NO		
B	Light fittings complete with lamps, fixing and final connections				
	i) 1200mm, 40W twin LED daylight panel light	39	NO		
	ii) 600mmx600mm, 40W LED Daylight panel light	5	NO		
	iii) 1200mm x 36W single flourescent fitting with diffuser	9	NO		
	iv) 100W aluminium cast bulkhead white in colour	10	NO		
	v) 280mm dia acrylic plastic sphere light fitting with bracket	4	NO		
C	10A flush mounted switches as MK or equal and approved equivalent				
	i) 1 gang 1 way	21	NO		
	ii) 1 gang 2 way	13	NO		
D	Wiring for photo electric cell to control the security in 1.5mm 3 core flexible cable from contractor in the distribution board	20	M		
E	10A, 240V contractor as Terasaki installed in the distribution board	1	NO		
F	Photo electric cell as Zodin at the entrance Lobby	1	NO		
G	13A socket outlet point wired in 3x2.5mm ² ring main and drawn in 20mm diameter HG PVC concealed conduits including all conduit accessories but excuding the swtiched sockets				
	ii) Twin outlet	3	NO		
H	13A socket outlet point wired in 3x2.5mm ² ring main and in metal trunking (measured elsewhere)				
	ii) Twin outlet	27	NO		
J	13A flush mounted MK switched Socket outlet or equal and approved equivalent				
	i) Twin switched	30	NO		
	TOTAL CARRIED TO COLLECTION				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Wiring for cooker control unit in 3x6.0mm ² SCPVC copper cables in 20mm diameter HGPVC conduits including all conduit accessories but excluding the cooker control unit and cooker outlet	1	NO		
B	45A DP cooker control unit as MK or equal and approved equivalent	1	NO		
C	Cooker connector as MK or equal and approved equivalent	1	NO		
D	Wiring for hand drier in 3x2.5mm ² SCPVC copper cables in 20mm diameter HGPVC conduits including all conduit accessories but excluding the hand drier and DP switch	2	NO		
E	20A DP water heater switch as MK or equal and approved equivalent	2	NO		
F	250mmx50mm 3 compartment powder coated metal trunking in offices	105	M		
G	Twin powder coated socket plates	22	NO		
H	Single powder coated socket plates	22	NO		
J	6 way TPN distribution board complete with 100A SPN intergral isolator as Sapphire or equal and approved equivalent	2	NO		
K	Miniature circuit breakers as Hager or equal and approved				
	i) 10A SP	5	NO		
	ii) 20A SP	2	NO		
	iii) 32A SP	6	NO		
	iv) Blanking plates	28	NO		
L	Carry out complete labelling for all sub-circuitis in the consumer unit	2	Item		
M	5x6mm ² SCPVC copper cables from the LV meter board to TPN distribution board A and B and drawn in 32mm diameter HG PVC conduits	30	M		
N	50mm dia HG PVC conduit link trunking	16	M		
P	38mm dia HG PVC conduit to link trunkings	30	M		
Q	32mm dia HG PVC conduit to link trunkings	32	M		
R	25mm dia HG PVC conduit to link trunkings	65	M		
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Provision for CCTV points in 25mm diameter HG PVC conduits including draw wire and all conduit accessories but excluding the accessories	1	NO		
	FIRE DETECTION				
B	Fire alarm wiring points in heat resistant 1.5mm ² 8 core copper cable in 25mm HG PVC conduit including all conduit accessories but excluding switches, bells and smoke detectors	1	NO		
C	Wiring fir fire alarm control panel in 3x2.5mm ² SC PVC conduit including all conduit accessories but excluding fire alarm control panel	1	NO		
D	8 zone conventional fire alarm control panel as menvier MF 9308 with 72 hr batteries EN 54	2	NO		
E	Fire alarm break glass switch as menvier MBG 914	2	NO		
F	Fire alarm bell as menvier MBM 246	105	M		
G	Photo electrical smoke detector as menvier MAP 820+ MAB 800 common mounting base	22	NO		
	carried to collection				
	COLLECTION				
	Brought forward from page EMW/141				
	Brought forward from page EMW/142				
	Brought forward from page EMW/143				
TOTAL FOR GROUND FLOOR CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FIRST FLOOR				
	Supply, install, test and commission the following				
A	Lighting points wired in 3 x 1.5 mm ² square single core PVC copper cables drawn in 20mm diameter HG PVC conduits concealed including all conduit accessories but exceeding switches and luminaires				
	i) One way switching	38	NO		
	ii) Two way switching	19	NO		
B	Light fittings complete with lamps, fixing and final connections				
	i) 1200mm, 40W twin LED daylight panel light	41	NO		
	ii) 600mmx600mm, 40W LED Daylight panel light	7	NO		
	iii) 1200mm x 36W single flourescent fitting with diffuser	9	NO		
C	10A flush mounted switches as MK or equal and approved equivalent				
	i) 1 gang 1 way	19	NO		
	ii) 1 gang 2 way	13	NO		
	iii) 2 gang 2 way	1	NO		
D	13A socket outlet point wired in 3x2.5mm ² ring main and drawn in 20mm diameter HG PVC concealed conduit including all conduit accessories but excuding the swtiched sockets				
	ii) Twin outlet	4	NO		
E	13A socket outlet point wired in 3x2.5mm ² ring main and in metal trunking (measured elsewhere)				
	ii) Twin outlet	40	NO		
J	13A flush mounted MK switched Socket outlet or equal and approved equivalent				
	i) Twin switched	44	NO		
	TOTAL CARRIED TO COLLECTION				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Wiring for cooker control unit in 3x6.0mm ² SCPVC copper cables in 20mm diameter HGPVC conduits including all conduit accessories but excluding the cooker control unit and cooker outlet	1	NO		
B	45A DP cooker control unit as MK or equal and approved equivalent	1	NO		
C	Cooker connector as MK or equal and approved equivalent	1	NO		
D	Wiring for hand drier in 3x2.5mm ² SCPVC copper cables in 20mm diameter HGPVC conduits including all conduit accessories but excluding the hand drier and DP switch	2	NO		
E	Wiring for instanteneous shower in 3x4.0mm ² SC PVC copper cables in 20mm diameter HG PVC conduits including all conduit accessories but excluding the instanteneous shower outlet and DP switch	1	NO		
F	20A DP water heater switch as MK or equal and approved equivalent	3	NO		
G	250mmx50mm 3 compartmet powder coated metal trunking in offices	110	M		
H	Twin powder coated socket plates	40	NO		
H	Single powder coated socket plates	40	NO		
K	6 way TPN distiribution board complete with 100A SPN intergral isolator as Sapphire or equal and approved equivalent	2	NO		
L	Miniature circuit breakers as Hager or equal and approved				
	i) 10A SP	5	NO		
	ii) 20A SP	2	NO		
	iii) 32A SP	6	NO		
	iv) Blanking plates	28	NO		
	TOTAL CARRIED TO COLLECTION				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Carry out complete labelling for all sub-circuitis in the distribution board	2	Item		
B	5x6mm ² SC PVC copper cables from the LV meter board to TPN distribution board A and B and drawn in 32mm diameter HG PVC conduits	40	M		
C	50mm dia HG PVC conduit link trunking	15	M		
D	38mm dia HG PVC conduit to link trunkings	28	M		
E	32mm dia HG PVC conduit to link trunkings	6	M		
F	25mm dia HG PVC conduit to link trunkings	60	M		
G	Provision for CCTV points in 25mm diameter HG PVC conduits including draw wire and all conduit accessories but excluding the accessories	14	NO		
FIRE DETECTION					
H	Fire alarm wiring points in heat resistant 1.5mm ² 8 core copper cable in 25mm HG PVC conduit including all conduit accessories but excluding switches, bells and smoke detectors	16	NO		
J	Fire alarm break glass switch as menvier MBG 914	3	NO		
K	Fire alarm bell as menvier MBM 246	3	M		
L	Photo electrical smoke detector as menvier MAP 820+ MAB 800 common mounting base	10	NO		
	carried to collection				
COLLECTION					
	Brought forward from page EMW/144				
	Brought forward from page EMW/145				
	Brought forward from page EMW/146				
TOTAL CARRIED TO COLLECTION					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
LIGHTING PROTECTION					
Supply, install, test and commission the following					
A	25mmx3mm copper tape as furse cat No. TC 230 fixed on ridge of go-down roof by brass saddles spaced at 1000mm apart and joined down conductors	140	M		
B	Air termination as 'Furse' 120mm x 25mm	5	NO		
C	Test clamp as furse cat No. 105	7	NO		
D	Copper earth rod as Furse RC 10 CR 515 with driving stod and clamp	7	NO		
E	38mm diameter HG PVC conduit for down conductors	80	M		
F	300mmx300mmx300mm man holes with removable cover for lightning protection earth	7	NO		
G	Heavy duty brass saddles	70	NO		
H	Copper cross saddles as furse	10	NO		
TOTAL FOR LIGHTING PROTECTION CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	LV METER BOARD Supply, install, test and commission the following				
A	Metal clad, floor mounting, free standing powder coated IP 31 415 V LV meter board with 200A split four pole copper bus-bars, space for 250A inoconer MCCB. 5 No. single phase outgoing feeders and 3 No. spare ways, 5 No. three phase outgoing feeders and 1 No. spare way. The panel should have provision space for KPLC main cut out, KPLC 3 Phase meter, CT chamber, instrument chamber complete with instrument CT's and instrumets, mains indicator	1	ITEM		
B	TP MCCB Inoconer as legrad/Terasaki or equal and approved equivalent i) 250A TP MCCB	1	NO		
	The following items in 'A' above				
C	i) 40a dp mccb as Terasaki	3	NO		
D	ii) 63A TP MCCB	5	NO		
E	Complete earthing system comprising 1000mm x 1000mm copper eath mat in order to achieve KPLC earthing requirements	1	ITEM		
F	700x700mmx700mm deep masonry man-hole with concrete cover for KPLC service cable	1	NO		
G	600x600mmx600mmdeep masonry man-hole with concrete cover for ISP fibre cable	1	NO		
TOTAL FOR LV METER BOARD CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>SUMMARY</u></p> <p>Total for Ground floor from page EMW/143</p> <p>Total for First floor from page EMW/146</p> <p>Total for Lighting protection from page EMW/147</p> <p>Total for LV meter board from page EMW/148</p>				
	<p>TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO GRAND SUMMARY</p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUMMARY				
1	Total Substructure from page EMW/105				
2	Total reinforced concrete frame from page EMW/107				
3	Total walling from page EMW/108				
4	Total roof construction from page EMW/112				
5	Total door from page EMW/116				
6	Total windows from page EMW/118				
7	Total external finishes from page EMW/121				
8	Total internal finishes from page EMW/124				
9	Total for painting and decorations from page EMW/128				
10	Total Stair cases from page EMW/131				
11	Total for ramp from page EMW/140				
12	Total for Electrical from page EMW/149				
13	Provide a sum of Kenya shillings three million (Kshs. 3,000,000.00) only for mechanical works				
	TOTAL FOR CONSTRUCTION OF MATERNITY AT GILGIL CARRIED TO SUMMARY				

PROPOSED MATERNITY WING AT ELBURGON HOSPITAL - MOLO
SUB COUNTY - NAKURU COUNTY

ITEM	DESCRIPTION	PAGE			KSHS
	<u>GRAND SUMMARY</u>				
1	PARTICULAR PRELIMINARIES	EMW/83			
2	GENERAL PRELIMINARIES	EMW/101			
3	MATERNITY WING	EMW/150			
4	Provide a provisional sum of Kenya shillings five hundred thousand for project Management expenses		SUM		
5	Provide a provisional sum of Kenya shillings Two hundred thousand for Public Health officersTransport		SUM		
6	Provide a sum of Kenya shillings One million (Kshs. 1,000,000.00) for contingencies		SUM		
TOTAL CARRIED TO FORM OF TENDER (V.A.T INCLUSIVE)					
<p>Contract Period26 weeks.....</p> <p>Amount in words</p> <p>.....</p> <p>.....</p> <p>Tenderers Name</p> <p>.....</p> <p>Adress</p> <p>.....</p> <p>SignatureDate.....</p> <p>.....</p>					
EMW/151					