

PROPOSED 1 STOREY 400 CAPACITY DORMITORY AT KIMANGE'ETI GIRLS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>BILL NO 2</u> <u>SUBSTRUCTURE(ALL PROVISIONAL)</u>				
	<u>EXCAVATION AND EARTHWORKS</u> <u>SITE PREPARATION</u>				
	clearing site vegetation, grubbing up roots and filling up voids left with selected excavated material				
A	Bushes, shrubs, undergrowth or the like and cart away from site	540	SM		
	<u>EXCAVATION</u>				
B	excavating vegetable soil for preservation, average 200mm thick	420	SM		
C	load up and store on site, later level and spread as directed on site and cart away surplus excavated material	160	CM		
	<u>Excavating surface to reduce level</u>				
D	over 300mm deep	130	CM		
	Excavating trenches: to receive foundations starting from reduce level				
E	Not exceeding 1.50M deep	400	CM		
	Breaking out existing material; extra over all kinds of excavations irrespective of depth				
F	Rock irrespective of class	10	CM		
G	Excavate pit for column bases starting from stripped level n.e 1.5 metres deep	110	CM		
H	Ditto exceeding 1.5M but not exceeding 3M deep	72	CM		
	Carried to collection page 5				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Disposal</u>				
A	Excavated material;backfilling depositing and compacting in layers maximum 150mm thick	500	CM		
B	Surplus excavated material;removing from site	270	CM		
	DISPOSAL OF WATER				
C	Labour and materials;keeping excavation free from general water	1	ITEM		
	PLANKING AND STRUTTING				
D	Labour and materials ;to uphold sides of excavation generally	1	ITEM		
	FILLING				
	<u>Cutting and filling</u>				
E	Excavate material to make up levels depositing and compacting in layers maximum 150mm thick	70	CM		
	<u>Hardcore</u>				
F	300mm thick depositing and compacting layers maximum 150mm thick in making up levels	120	CM		
	<u>Murram</u>				
G	Blinding surface of fill 50mm thick	420	SM		
	ANTI-TERMITE AND HERBICIDE TREATMENT				
	<u>Applying "termidor 25 EC"Solution or other equal and approvedsprayed evenly</u>				
H	To surface of fill and tops of foundation wall base	420	SM		
	carried to collection page 5				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CONCRETE WORK</u>				
	<u>INSITU CONCRETE;REINFORCEMENT</u>				
A	Plain mix 1:4:8 in foundation strip blinding 50mm thick	140	SM		
B	Ditto in column bases & retaining wall base	75	SM		
C	Ditto mix 1:3:6 in steps	3	CM		
	<u>Normal :class 20/20mm):vibrated (1:2:4)</u>				
D	foundation strips irrespective of thickness	28	CM		
E	Column Bases	25	CM		
F	Columns generally	7	CM		
G	vibrated floor beds 150mm thick	400	SM		
	<u>REINFORCEMENT</u>				
	<u>Bars :high tensile steel;cold worked;</u>				
	<u>BS 4461 including bends.hooks.tying wire.</u>				
	<u>distance blocks and spacers</u>				
H	8mm diameter bars in any location	700	KG		
I	Ditto 10mm	500	KG		
J	12 diameter;in any location	250	KG		
K	Ditto 16mm	2000	KG		
	<u>Fabric;B.S 4483</u>				
L	Reference A142 mesh 200x200mm weight 2.22kgs per square meter(measured net-no allowance made for laps);including bends,tying wire and distance blocks in any location	420	SM		
	carried to collection page 5				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SAWN FORMWORK TO INSITU CONCRETE</u>				
A	Edges of floor bed 75 to 150mm wide	147	LM		
B	Sides of foundation strips and steps;horizontal	55	SM		
C	Sides of vertical columns	116	SM		
D	edges of column bases	80	SM		
	<u>WALLING</u>				
E	225mm thick approved local stone,roughly squared; bedding and jointing in cement mortar(1:4);reinforced with hoop iron gauge 500 in every alternate course	550	SM		
	<u>DAMP PROOF MEMBRANE</u> <u>Polythene;500 gauge ,150mm laps,no</u> <u>allowance made for laps</u>				
F	Horizontal 1 no layer (s) over 300mm wide	400	SM		
	<u>PLINTH FINISHES</u>				
	<u>Render,cement and sand (1:4),wood floated</u>				
G	12mm thick 2 no coat work ,to Stone walling or block (m/s),generally external	40	SM		
H	Ditto 20 mm paving in steps finished smooth	40	SM		
	<u>Painting 3 coats black bituminous paint to;</u>				
I	Rendered surface externall	40	SM		
	carried to collection page 5				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>PAVING SLAB AROUND THE STRUCTURE</u></p> <p>600mm wide cast in situ paving slab laid on murrum blinding in foundation depth 200mm deep</p>	70	SM	600	
Carried to collection					
<p>COLLECTION</p> <p>Brought forward from page 1</p> <p>Brought forward from page 2</p> <p>Brought forward from page 3</p> <p>Brought forward from page 4</p> <p>Brought down from above</p>					
TOTAL SUBSTRUCTURES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WALLING</u>				
	<u>WALLING;NATURAL STONE WORK OR APPROVED</u>				
	<u>Approved Local stone;squared,fine chisel dressed one side bedding and jointing and recessed pointing one side in cement sand mortar(1:4) as work proceeds</u>				
A	Walls 200mm thick reinforced with hoop iron gauge 500 in every alternate course	200	SM		
B	Ditto 150mm thick internal walls	360	SM		
C	Labour and materials in eaves filling 200mm thick 250mm mean height		LM		
D	Raking cutting to 150mm thick walling		LM		
	<u>DAMP PROOF COURSE</u>				
	<u>B.S 743 type A ,Bitumen hessian base 150mm laps no allowance made for laps</u>				
E	200mm wide,bedded in cement mortar(1:3)	125	LM		
F	ditto 150mm thick	175	LM		
TOTAL GROUND FLOOR WALLING CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>REINFORCED CONCRETE FRAME</u>				
	<u>CONCRETE WORK</u>				
	<u>INSITU CONCRETE;REINFORCEMENT</u>				
	<u>Normal:class 20/20mm vibrated</u>				
A	Beams	38	CM		
B	columns	18	CM		
C	Arches and sunbreakers generally	3	CM		
D	150mm thick suspended slab	420	SM		
E	Lab side benches and worktops	0	SM		
	<u>REINFORCEMENT</u>				
	<u>Bars high yield steel:cold worked B.S 4461</u>				
	<u>including bends,hooks,tying wire distance blocks</u>				
	<u>and spacers</u>				
F	8 mm diameter,in any location	1800	KG		
G	10mm ditto	2100	KG		
H	12mm ditto	3000	KG		
I	16mm ditto	2000	KG		
J	20mm ditto	2200	KG		
	Carried to collection page 9				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SAWN FORMWORK TO INSITU CONCRETE</u>				
A	Horizontal soffites of suspended slab	420	SM		
B	column sides,vertical or battering generally	110	SM		
C	Sides and soffittes of beams	300	SM		
D	sides and soffitees of arches and sun breakers general	15	SM		
E	Edges of floor bed 75 to 150mm wide	130	LM		
F	Props	2500	LM		
	<u>STAIRS &BALUSTRADING(TWO NUMBER)</u>				
	<u>Vibrated reinforcement</u>				
	<u>class 20/20mm) aggregate as described</u>				
G	Steps and risers	3	CM		
H	150mm thick horizontal suspended landing	9	SM		
I	Slopping waist 175mm thick	12	SM		
	<u>Sawn formwork as described to horizontal soffites of suspended</u>				
J	Landing	9	SM		
K	Slopping soffites of stair waist	12	SM		
L	Edges of suspended landing75-150mm high	8	LM		
M	Slopping edge of staircase open string cut to profile of treads and risers 300mm maximum width	9	LM		
N	Edges of risers 75-150mm high	74	LM		
	Carried to collection page 9				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>BALUSTRADES</u>				
A	30X30X3mm thick square hollow section balusters welded to handrail on one side the other built in concrete including making good in cement and sand grout 300mm centres	150	LM		
B	Make holes in reinforced concrete 30x30mm balusters	36	NO		
C	30X30X3mm thick square hollow section Mild railing welded to 30x30x3mm thick baluster on both ends at 300mm centres	100	LM		
D	100X25mm thick wrot hardwood handrail moulded and grooved and screwed to balusters and ends in concrete	32	LM		
E	Extra over railing for grouting ends into concrete	17	NO		
F	Extra over Handrails for wreath	17	NO		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINTFULLGLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>				
G	Metal surfaces 100 to 200 mm girth	250	LM		
	<u>ONE UNDERCOAT TWO COATS POLYURETHANE VARNISH</u>				
H	Timber surfaces 100-200mm girth	32	LM		
	Total Carried to collection				
	<u>COLLECTION</u>				
	Brought forward from page 7				
	Brought forward from page 8				
	Brought down from above				
	TOTAL FOR REINFORCED CONCRETE FRAME CARRIED TO SUMMARY				

FIRST FLOOR

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WALLING</u>				
	<u>WALLING:NATURAL STONE WORK OR APPROVED</u>				
	<u>Approved Local stone;squared,fine chisel dressed one side bedding and jointing and recessed pointing one side in cement sand mortar(1:4) as work proceeds</u>				
A	Walls 200mm thick reinforced with hoop iron gauge 500 in every alternate course External	250	SM		
B	Ditto 150mm internall	360	SM		
C	Labour and materials in eaves filling 200mm thick 250mm mean height	100	LM		
D	Raking cutting to 150mm thick walling	50	LM		
	<u>DAMP PROOF COURSE</u>				
	<u>B.S 743 type A ,Bitumen hessian base 150mm laps no allowance made for laps</u>				
E	200mm wide,bedded in cement mortar(1:3)	200	LM		
F	Ditto 150mm	165	LM		
G	Form or leave 250X250mm opening in 200mm walling	22	NO		
H	225mmX225mm precast concrete permanent vent mosquito gauzed laid in cement sand 1:3 mortar	44	NO		
	TOTAL F.F WALLING CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOFING</u>				
	ROOF COVERING				
A	Gauge 30 GCI Sheets fixed to purlins.galsheet resincoat blue in colour box profile	530	SM		
B	Gauge 30 G.I Ridge cap	50	LM		
	ditto valley	8	LM		
	<u>CARPENTRY</u>				
	<u>Sawn cypress grade II</u>				
	<u>Well seasoned and treated timber</u>				
C	100X50mm wall plate bedded in cement sand (1:3) mortar bolted to concrete with and including 16mm diameter bolts cast into concrete at 1000mm centers	120	LM		
D	150X50mm tie beams spaced @1200mm c/c	452	LM		
E	100X50mm rafters	553	LM		
F	100X50mm ties and struts	480	LM		
G	75X50 mm purlins	680	LM		
	<u>BOARDING</u>				
	<u>Wrought cypress,prime grade,pressure impregnated</u>				
H	200X25mm thick fascia board	160	LM		
	Carried to collection page 12				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>RAINWATER INSTALLATIONS</u>				
	<u>Gutterwork,28 gauge galvanised mild steel box gutter and fittings;purpose made</u>				
A	75X100mm gutter overlapped joints in the running lenghs,fixing with metal brackets at 1000mm center	85	LM		
B	Extra over gutters for100mm pipe outlet	12	NO		
C	Ditto stopped end	12	NO		
	<u>Rainwater pipework,2upvc pressure pipes and fittings,purpose made</u>				
D	100mm diameter pipes connections in the running lengh,fixing with metal holderbatsat 1000mm centers to backgrounds requiring plugging	150	LM		
E	Extra over pipework for shoes	12	NO		
F	Ditto swanneck	12	NO		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINT FULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>				
G	General timber board surfaces	145	LM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 11				
	Brought from above				
	TOTAL ROOFING CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS</u>				
	<u>Precast concrete,normal class 20/20mm vibrated</u>				
A	Sills 250 X 75 mm thick,once weathered, once throated ,reinforced as necessary for handling,bedding,jointing and pointing in cement mortar(1:4)	60	LM		
	<u>METAL WORK</u>				
	<u>PURPOSE MADE UNITS</u>				
	Casement window in standard metal casement sections ,permanet ventilators comprising T-bar gauze and metal hood to full width of window one coat primer by manufacturer complete with all necessary ironmongery ,steel for glazing with putty lugs to two jamps ,cutting and pinning to concrete or blockwork ,fixing to head and sill with screws and plugging.all windows should have strong grills				
B	Overall size1500 X 1200mm high	35	NO		
C	Ditto 600X600mm	24	NO		
	<u>Windows cont'd</u>				
D	Welded metal grill burglar proofing in 20mmx 20mmx1.5mm thick SHS bars with one coat primer including welding to metal in approved pattern	4	SM		
	<u>GLAZING</u>				
E	3mm thick clear sheet glass to metal with putty 1.00 to 1.50 square meters	74	SM		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>				
F	Metal window surfaces over 300mm girth internal and exte	150	SM		
G	Concrete surfaces 200-300 mm girth external	60	LM		
	TOTAL WINDOWS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>STEEL DOORS</u>				
	<u>standars steel door complete with all necessary ironmongery,permanent vent with mosquito gauze& sheet hood assembled and fixed to opening including cutting and pinning lugs to concrte or sand mortar (1:4) all primed with grey oxide before fixing</u>				
A	1200X2400 mm steel casement door in two equal leaves comprising 50X50X50X3mm fixed frame;16G mild steel plate built into panels complete with 5-lever mortice lock 3NO tower bolt	3	NO		
	<u>GLAZING</u>				
B	3mm thick clear sheet glass to metal with putty 1.00 to 1.50 square meters	10	SM		
	<u>TIMBER DOOR</u>				
C	single core door 45mm thick 900X2400mm high, flush door	24	NO		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>				
D	Metal surfaces over 300mm girth external/internal	20	SM		
E	Ditto 0- 100mm girth	25	LM		
F	timber surfaces over 300mm girth external/internal	74	SM		
G	Ditto 0-100mm girth	119	LM		
	Carried to collection page 15				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IRONMONGERY				
	<u>Supply and fix the following</u>				
A	steel butt hinges 100mm	36	PRS		
B	Three lever mortice lock catalogue No. 2237 complete with set lever handle furniture Indicator bolt	3	NO		
C	225 X 25 x 3 mm thick door fixing cramps one end bent and twice screwed to frame and the other end	144	NO		
D	Door stops No 8400	8	NO		
	JOINERY				
	<u>Frames:wrot mahogany or equall and approved</u>				
E	150X50mm rebated	160	LM		
F	ditto quadrant	160	LM		
G	45x25mm architrave	160	LM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 14				
	Brought from above				
	TOTAL DOORS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>FINISHES</u>				
	<u>FLOOR,WALL AND CEILING FINISHES</u>				
	<u>FLOORS</u>				
A	24mm thick ,cement sand (1:3) Screed wood floated to receive terrazzo paving m/s	700	SM		
B	15mm thick polished terrazzo floor finishes	700	SM		
C	25x3mm plastic dividing strips laid in an approved pattern	1400	LM		
D	15mm thick 100mm high polished terrazzo skirting	540	LM		
	<u>PLASTERWORKS</u>				
E	12mm thick ,2 no coatwork plaster 1:2:6 to Dressed stones (m/s) generally,internal	1200	SM		
F	Ditto 15mm thick external(key pointing)	800	SM		
G	15mm thick 2 no coatwork cement sand (1:4) rendered reveals jambs and openings	80	SM		
H	Ditto soffitt of slab	330	SM		
I	Ditto beams		SM		
J	12mm thick backing to receive tiles(worktops)	200	SM		
	<u>SUPPLY AND FIX</u>				
K	16mm thick white glazed ceramic tiles on CS backing (m/s) in worktops	200	SM		
	Total Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING</u>				
A	50X75mm moulded cornice	250	LM		
B	50x50mm & 50X 75mm brandering	1630	LM		
C	12mm thick Soft board "celotex" ceiling fixing with nails heads punched and puttied butt ve joints set to pattern to and includning timber brandering in sawn cypress celcured sizes 50x50mm and 75*50mm both ways	380	SM		
D	600X600mm door trap	3	NO		
	<u>PAINING AND DECORATING</u>				
	<u>THREE COATS PVA BASED EMULSION PAINT TO CROWN PAINTS OR EQUALL AND APPROVED</u>				
E	Plastered walls surfaces over 300mm girth internal	1200	SM		
F	Ditto external	800	SM		
G	Ditto to reveals jambs and openings	80	SM		
H	Ceilling board surfaces	380	SM		
I	Cornices	250	LM		
J	Soffitte of slab	420	SM		
K	Ditto beams	0	SM		
	Total Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>STAIRCASE FINISHES</u> <u>Terrazo paving on screed beds measured separately with polished surfaces</u>				
A	20mm thick landing	9	SM		
B	ditto treads 180mm wide	66	LM		
C	ditto on risers 150mm high	72	LM		
D	100x20mm thick skirting	39	LM		
E	extra over treads for 25x1'2 mm carborrhundum non slips <u>cement sand screed(1:4)screed as described:</u>	56	LM		
F	24mm thick ,cement sand (1:3) Screed wood floated to receive terrazzo paving m/s	6	SM		
G	Ditto to treads 180mm wide	66	LM		
H	Ditto to risers 150mm high <u>Gauged plaster as described:</u>	72	LM		
I	12mm thick on horizontal siffittes of landing	8	SM		
J	Ditto on sloping soffittes of stairs	12	SM		
K	Ditto to edges of staircases string	19	SM		
L	Prepare and apply 3 coats plastic emulsion paint on plastered surfaces internally	40	SM		
	Total carried to collection				
	COLLECTION Brought forward from page 16 Brought forward from page 17 Brought forward from above				
	TOTAL FINISHES CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>RAMP CONSTRUCTION</u>				
	<u>EXCAVATION AND EARTHWORKS</u>				
A	excavating vegetable soil for preservation, average 200mm thick	36	SM		
B	load up and store on site, later level and spread as directed on site and cartaway surplus excavated material	20	CM		
	Excavating trenches: to receive foundations starting from reduce level				
C	Excavate pit for column bases starting from stripped level n.e 1.5 metres deep	40	CM		
D	Ditto exceeding 1.5M but not exceeding 3M deep	40	CM		
	<u>REINFORCEMENT</u>				
	<u>Bars :high tensile steel:cold worked;</u>				
	<u>BS 4461 including bends, hooks, tying wire,</u>				
	<u>distance blocks and spacers</u>				
E	8mm diameter bars in any location	0	KG		
G	Ditto 12mm	900	KG		
	<u>CONCRETE WORKS</u>				
	<u>Normal:class 20/20mm vibrated</u>				
H	Beams	2	CM		
I	columns	4	CM		
J	150-175mm thick ramp	60	SM		
	<u>SAWN FORMWORK TO INSITU CONCRETE</u>				
K	Edges of floor bed 75 to 150mm wide	60	LM		
L	Ditto soffittes	60	SM		
	TOTAL RAMP CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	AMOUNT	
<u>SUMMARY OF ELEMENTS</u>				
1	SUBSTRUCTURE			
2	GROUND FLOOR WALLING			
3	REINFORCED CONCRETE FRAME			
4	FIRST FLOOR WALLING			
5	ROOFING			
6	WINDOWS			
7	DOORS			
8	FINISHES			
9	RAMP			
TOTAL FOR BUILDING WORKS CARRIED TO GRAND SUMMARY				

NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supply install, test and commission the following Lighting points wired in 1.5mm ² single core PVC insulated copper cables drawn in 20mm concealed H/G PVC conduit and all accessories excluding switches for:				
(a)	One way switching	6	NO		
(b)	Two way switching	45	NO		
2	Lighting fitting complete with tubes, bulbs and all accessories as follows:-				
(a)	1200mmx36w(4Ft) florescent fittings C/W tubes	45	No		
(b)	Ditto 900mmx36w(3ft)	4	4		
(c)	semi-recessed weatherproof Bulkhead fitting complete with vandal proof enclosure as THORN or approved equivalent	6	NO		
3	10A ivory type plate switch as M.K range or approved equivalent:-				
(a)	1 gang 1 way	7	NO		
(b)	1 gang 2 way weatherproof	12	NO		
4	13A Ring mains circuit power points comprising switched socket outlet wired in 2.5mm ² single core PVC insulated copper cables drawn in concealed 25mm H/G PVC conduit and all accessories being				
(a)	Single	12	NO		
(b)	Twin	6	NO		
5	13A switched socket outlet C/W pilot as CRABTEE and all accessories being.				
(a)	13A Socket outlets twin	10	NO		
6	PME comprising 25mm Ø X1500mm long steel cored copper clad earth electrode 6.0mm ² single core earth lead,earth clamp and all accessories including an inspection pit with removable concrete cover all to the requirements of KPLC	1	LOT		
7	6 way consumers control unit complete with 60A intergral insualtor as CRABTEE or approved equivalent	1	No		
8	MCB's to be installed in the above consumer unit as follows:				
(a)	5 A SP MCB	8	NO		
(b)	30 A SP MCB	3	NO		
(c)	single blanking plates	4	NO		
8	2x6.0mm ² + 1x4.0mm ² single core PVCI Copper submains cable drawn in 32mm Ø concealed H/G PVC conduit from meter box to consumer unit	15	M		
9	16SWG Surface moundted and spray painted meter board of sufficinet capacity to accommodate 1No single phase powerpower metre 1No cut-out 60A-80A main switch (KMBG(earth bonding and all accessories	1	LOT		
Total carried to collection					

NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Allow for provisional sum for KPLC meter deposit and service line connection.	1	NO		
2	trenching, laying, tiling with concrete HATARI' cable tiles and backfilling in soft ground	30	M		
3	standard cable markers	10	NO		
4	150mm diameter manual fire alarm bell as MENVIER	1	NO		
	<u>Air termination</u>				
5	600mm long X 15mm diameter multiple point copper air terminal with spikes as furse cat no RA 600 mounted on bracket	4	NO		
6	copper air terminal base as furse cat no. SD 105	5	NO		
7	copper junction clamps for tape	5	NO		
	<u>Down conductors</u>				
8	25mm x 3mm turned copper tape as furse cat no.TC 230	60	M		
9	copper ridge saddle as furse cat No.CD 115	10	NO		
10	Direct coupling tape clip as furse cat no. CP 210	6	NO		
11	copper rod to tape coupling	3	NO		
12	25mm x 3mm turned copper tape as furse cat no.TC 230	25	M		
	<u>Earth termination</u>				
13	16mm diameter x1500mm long solid copper earth rod as furse cat No. RC 020 complete with driving stud and spike	25	M		
14	concrete inspection earth pit/chamber 300mm X300mm masonry type c/w removable cover cat.No PT 005 with 5 hole earth bar as furse cat No.pt 006	3	NO		
	Total brought forward from pg 20				
	Total brought forward from above				
	TOTAL ELECTRICAL WORKS				

Total amount in words:- **Kenya shillings** :

ITEM	DESCRIPTION				AMOUNT
	BILL NO.3				
	<u>P.C AND PROVISIONAL SUMS</u>				
A	provide the Prime cost sum of one million (1,000,000/=) for mechanical works (B.S) to be executed by a nominated subcontractor				1,000,000.00
	add for profit		%		
	allow for general attendance		ITEM		
B	provide the prime cost sum of Two hundred thousand(200,000 /)= for Technical supervision (<u>ELECTRICAL ENGINEER, STRUCTURAL ENGINEER PUBLIC WORKS INSPECTOR CLERK OF WORKS</u>)				200,000.00
C	provide a Provisional sum of four hundred thousand only (400,000/=) for administration(PMC)				400,000.00
D	Allow a Provisional sum of fifty thousand only for (50,000/=) NCA approvals				50,000.00
E	Allow a Provisional sum of one fifty thousand (150,000/=) for contingency				150,000.00
	<u>PRELIMINARY/BRANDING WORKS</u>				
F	Allow a Provisional sum of Ten thousand(10,000/=) for erection of architectural sign board PP/3				10,000.00
F	Allow a Provisional sum of Twenty thousand(20,000/=) for erection of metallic sign board PP/3				20,000.00
H	Allow a Provisional sum of Ten thousand(10,000/=) for plague and branding PP/4				10,000.00
	TOTAL PC CARRIED TO SUMMARY				

<u>MAIN PRICES SUMMARY PAGE</u>		AMOUNT (KSH)	
NO	DESCRIPTION		full contract
A	BILL NO 1. PRELIMINARIES PP/5		
B	BILL NO 2. MEASURED WORKS SP/20		
C	BILL NO 3. PRIME COST& WORKS PC/1 PROVISIONAL SUMS		
D	BILL NO 4. ELECTRICAL WORKS PG 22		
TOTAL AMOUNT CARRIED TO FORM OF TENDER VAT INCLUSIVE			

The tender sum is in the amount of :.....
.....

contractors name.....

.....

Address.....

Date.....

Signature.....

company stamp.....

Witness name.....

Address.....

Date.....