

PROPOSED 1 STOREY OF EIGHT CLASSROOMS AT MATETE JUNIOR SEC. SCHOOL

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>BILL NO 1.</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	541	SM		
	<u>EXCAVATION</u>				
B	excavating vegetable soil for preservation, average 200mm thick	541	SM		
C	load up and store on site, later level and spread as directed on site and cart away surplus excavated material	60	CM		
	<u>Excavating surface to reduce level</u>				
D	over 300mm deep	191	CM		
	Excavating trenches: to receive foundations starting from reduce level				
E	Not exceeding 1.50M deep	130	CM		
	Breaking out existing material; extra over all kinds of excavations irrespective of depth				
F	Rock irrespective of class	20	CM		
G	Excavate pit for column bases starting from stripped level n.e 1.5 metres deep	194	CM		
H	Ditto exceeding 1.5M but not exceeding 3M deep	194	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	121	CM		
B	Surplus excavated material;removing from site	405	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	50	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	402	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	402	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	86	SM		
B	Ditto in column bases & retaining wall base	96.8	SM		
C	Ditto mix 1:3:6 in steps	5	CM		
	<u>Normal :class 20/20mm):vibrated (1:2:4)</u>				
D	foundation strips irrespective of thickness	17.2	CM		
E	Column Bases	43.4	CM		
F	Columns generally	5.8	CM		
G	vibrated floor beds 150mm thick	402	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	400	KG		
I	Ditto 10mm	420	KG		
J	12 diameter;in any location	600	KG		
K	Ditto 16mm	3740	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	402	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	140	LM		
B	Sides of foundation strips and steps;horizontal	102	SM		
C	Sides of vertical columns	120	SM		
D	edges of column bases	150	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	353	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	402	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	98	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	98	SM		
	carried to collection page 5				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PAVING SLAB AROUND THE STRUCTURE</u>				
A	600mm wide cast in situ paving slab laid on murrum blinding in foundation depth 200mm deep	66	SM		
	<u>Expansion Joint</u>				
B	12mm thick flexcell expansion joint lining	26.6	SM		
	Carried to collection				
	<u>COLLECTION</u>				
	Brought forward from page 1				
	Brought forward from page 2				
	Brought forward from page 3				
	Brought forward from page 4				
	Brought down from above				
	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	220	SM		
B	Labour and materials in eaves filling 200mm thick 250mm mean height	215	LM		
C	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>				
D	200mm wide,bedded in cement mortar(1:3)	136	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	22.8	CM		
B	columns	10	CM		
C	Arches and sunbreakers generally	2	CM		
D	150mm thick suspended slab	402	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>				
E	8 mm diameter,in any location	1500	KG		
F	10mm ditto	0	KG		
G	12mm ditto	3000	KG		
H	16mm ditto	2500	KG		
I	20mm ditto	2700	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	402	SM		
B	column sides,vertical or battering generally	200	SM		
C	Sides and soffittes of beams	400	SM		
D	props	6000	LM		
E	Edges of floor bed 75 to 150mm wide	130	LM		
	<u>STAIRS &BALUSTRADING</u>				
	<u>Vibrated reinforcement</u> <u>class 20/20mm) aggregate as descibed</u>				
F	Steps and risers	0.45	CM		
G	150mm thick horizontal suspended landing	4	SM		
H	Slopping waist 175mm thick	10	SM		
	<u>Sawn formwork as described to horizontal soffites of suspended</u>				
I	Landing	6	SM		
J	Slopping soffites of stair waist	10	SM		
K	Edges of suspended landing75-150mm high	9	LM		
L	Slopping edge of staircase open string cut to profile of treads and risers 300mm maximum width	9	LM		
M	Edges of risers 75-150mm high	70	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	50	LM		
B	Make holes in reinforced concrete 30x30mm balusters	25	NO		
C	30X30X3mm thick square hollow section Mild railing welded to 30x30x3mm thick baluster on both ends at 300mm centres	47	LM		
D	100X25mm thick wrot hardwood handrail moulded and grooved and screwed to balusters and ends in concrete	16	LM		
E	Extra over railing for grouting ends into concrete	10	NO		
F	Extra over Handrails for wreath	10	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	100	LM		
	<u>ONE UNDERCOAT TWO COATS POLYURETHANE VARNISH</u>				
H	Timber surfaces 100-200mm girth				
	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>FIRST FLOOR</u>					
<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	310	SM		
<u>DAMP PROOF COURSE</u>					
<u>B.S 743 type A ,Bitumen hessian base 150mm laps no allowance made for laps</u>					
B	200mm wide,bedded in cement mortar(1:3)	136	LM		
C	Form or leave 250X250mm opening in 200mm walling	48	NO		
D	225mmX225mm precast concrete permanent vent mosquito gauzed laid in cement sand 1:3 mortar	96	NO		
<u>STANCHION (BLACK PIPE)</u>					
E	75mm thick galvanised steel pipe to reinforce the verandah/roof 3000mm long complete with 150x150x3 mm ms plate and 50x50x100mm deep u plate	46	LM		
TOTAL FIRST FLOOR WALLING CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>REINFORCED CONCRETE FRAME</u>				
	<u>CONCRETE WORK</u>				
	INSITU CONCRETE;REINFORCEMENT				
	<u>Normal:class 20/20mm vibrated</u>				
A	Beams	15.25	CM		
B	columns	8.64	CM		
	<u>REINFORCEMENT</u>				
	<u>Bars high yield steel:cold worked B.S 4461 including bends,hooks,tying wire distance blocks and spacers</u>				
C	8 mm diameter,in any location	550	KG		
D	12mm ditto	800	KG		
	<u>SAWN FORMWORK TO INSITU CONCRETE</u>				
E	Horizontal soffites and sides of suspended beams	230	SM		
F	column sides,vertical or battering generally	160	SM		
TOTAL REINFORCED CONCRETE FRAME 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	450	SM		
B	Gauge 30 G.I Ridge cap	46	LM		
C	valley	7	LM		
	<u>CARPENTRY</u>				
	<u>Sawn cypress grade II</u>				
	<u>Well seasoned and treated timber</u>				
D	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	100	LM		
E	150X50mm tie beams	400	LM		
F	100X50mm rafters	516	LM		
G	100X50mm ties and struts	340	LM		
H	75X50 mm purlins	778	LM		
	<u>BOARDING</u>				
	Wrought cypress,prime grade,pressure impregnated				
I	200X25mm thick fascia board	160	LM		
	TOTAL ROOFING CARRIED TO SUMMARY				

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	90	LM		
B	Extra over gutters for100mm pipe outlet	20	NO		
C	Ditto stopped end	20	NO		
	<u>Rainwater pipework,2upvc pressure pipes and fittings,purpose made</u>				
D	100mm diameter pipes connections in the running length,fixing with metal holderbatsat 1000mm centers to backgrounds requiring plugging	280	LM		
E	Extra over pipework for shoes	20	NO		
F	Ditto swanneck	20	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	160	LM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 12				
	Brought from above				
	TOTAL ROOFING CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS</u>				
A	<u>Precast concrete,normal class 20/20mm vibrated</u> Sills 250 X 75 mm thick,once weathered, once throated ,reinforced as necessary for handling,bedding,jointing and pointing in cement mortar(1:4)	80	LM		
	<u>METAL WORK</u>				
	<u>PURPOSE MADE UNITS</u>				
	<u>Casement window in standard metal casement</u> <u>sections ,permanet ventilators comprising T-bar</u> <u>gauze and metal hood to full width of window</u> <u>one coat primer by manufacturer complete with all</u> <u>necessary ironmongery ,steel for glazing with putty</u> <u>lugs to two jamps ,cutting and pinning to concrete</u> <u>or blockwork ,fixing to head and sill with screws and</u> <u>plugging.all windows should have strong grills</u>				
B	Overall size 1500 X 1500mm high	24	NO		
C	Ditto 1500X1200mm high	16	NO		
	<u>GLAZING</u>				
D	3mm thick clear sheet glass to metal with putty 1.00 to 1.50 square meters	100	SM		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINTFULL</u> <u>GLOSS FINISH TO CROWN PAINTS OR EQUAL</u> <u>AND APPROVED</u>				
E	Metal window surfaces over 300mm girth	100	SM		
F	Concrete surfaces 200-300 mm girth external	80	LM		
	TOTAL WINDOWS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>STEEL DOORS</u></p> <p><u>standars steel door complete with all necessary ironmongery,permanent vent with mosquito gauze& sheet hood assembled and fixed to opening includng cutting and pinning lugs to concrte or sand mortar (1:4) all primed with grey oxide before fixing</u></p>				
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	8	NO		
	<p><u>PAINTING AND DECORATING</u></p> <p><u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u></p>				
B	Metal surfaces over 300mm girth external/internal	50	SM		
C	Ditto 0- 100mm girth	50	LM		
	TOTAL DOORS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>FINISHES</u>				
	<u>FLOOR,WALL,CEILING AND STAIR FINISHES</u>				
	<u>FLOORS</u>				
A	24mm thick ,cement sand (1:3) Screed wood floated to receive terrazzo paving m/s	804	SM		
B	15mm thick polished terrazzo floor finishes	804	SM		
C	25x3mm plastic dividing strips laid in an approved pattern	1500	LM		
D	15mm thick 90mm high polished terrazzo skirting	300	LM		
	<u>PLASTERWORKS FOR WALLS</u>				
E	12mm thick ,2 no coatwork plaster 1:2:6 to Dressed stones and beams	529	SM		
F	Ditto 15mm thick external	529	SM		
G	15mm thick 2 no coatwork cement sand (1:4) rendered reveals jambs and openings	60	SM		
	<u>Blackboard fitting size 4000mm x 1500mm(2 no per classrooms)</u>				
H	12mm thick plaster(1:3) to walls	96	SM		
I	75mm X50mm thick mortar moulding c:s 1:3 running round the blackwall with provision of extension for chalk and blackwall eraser	48	SM		
	Total Carried to collection page 18				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING</u>				
A	50X75mm moulded cornice	134	LM		
B	50x50mm & 50X 75mm bandering	1700	LM		
C	12mm thick Soft board "celotex" ceiling fixing with nails heads punched and puttied butt ve joints set to pattern to and including timber bandering in sawn cypress celcured sizes 50x50mm and 75*50mm both ways	342	SM		
D	600X600mm door trap	3	NO		
	<u>PAINTING AND DECORATING</u>				
	<u>THREE COATS PVA BASED EMULSION PAINT TO CROWN PAINTS OR EQUALL AND APPROVED</u>				
E	Plastered walls,beams surfaces over 300mm girth internal	529	SM		
F	Ditto external	529	SM		
G	Ditto to reveals jambs and openings	60	SM		
H	Ceilling board surfaces	342	SM		
I	Cornices	134	LM		
J	stanchions	46	LM		
	Total Carried to collection page 18				

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	56	LM		
	<u>cement sand screed(1:4)screed as described:</u>				
F	24mm thick ,cement sand (1:3) Screed wood floated to receive terrazzo paving m/s	9	SM		
G	Ditto to treads 180mm wide	66	LM		
H	Ditto to risers 150mm high	72	LM		
	<u>Gauged plaster as described:</u>				
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				
	<u>COLLECTION</u>				
	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, distance blocks and spacers</u>				
E	8mm diameter bars in any location				
F	Ditto 10mm				
G	Ditto 12mm	900	KG		
	<u>CONCRETE WORKS</u>				
	<u>Normal: class 20/20mm vibrated</u>				
H	Beams	1.5	CM		
I	columns	2	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>		Labour	full contract
1	SUBSTRUCTURE			
2	GROUND FLOOR WALLING			
3	REINFORCED CONCRETE FRAME			
4	FIRST FLOOR WALLING			
5	FIRST FLOOR REINFORCED CONCRETE FRAME			
6	ROOFING			
7	WINDOWS			
8	DOORS			
9	FINISHES			
10	RAMP			
TOTAL FOR BUILDING WORKS CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>P.C AND PROVISIONAL SUMS</u>				
A	Allow a provisional sum of kshs.300,000 (kenya shillings three hundred thousand only) for Technical supervision				300,000.00
B	Allow a provisional sum of kshs.400,000 (kenya shillings four hundred thousand only) for PMC Administration				400,000.00
C	Allow a provisional sum of ksh.100,000(kenya shillings hundred thousand for project documentation				100,000.00
D	Allow a provisional sum of ksh.100,000(kenya shillings hundred thousand for county plan approvals				100,000.00
E	Allow a provisional sum of ksh.30,000(kenya shillings thirty thousand for metallic commemoration plague, branding and sign post to NG-CDF standards				30,000.00
F	Allow a provisional sum of kshs.100,000 (kenya shillings hundred thousand only) for contingency				100,000.00
	TOTAL FOR P.C & PROVISIONAL SUMS 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	25	NO		
(b)	Two way switching	10	NO		
2	Lighting fitting complete with tubes, bulbs and all accessories as follows:-				
(a)	1200mmx36w(4Ft) florescent fittings C/W tubes	40	No		
(b)	Ditto 900mmx36w(3ft)	3	NO		
(c)	semi-recessed weatherproof Bulkhead fitting complete with vandal proof enclosure as THORN or approved equivalent	5	NO		
3	10A ivory type plate switch as M.K range or approved equivalent:-				
(a)	1 gang 1 way	16	NO		
(b)	1 gang 2 way weatherproof	5	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	16	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:				
	5 A SP MCB	8	NO		
	30 A SP MCB	4	NO		
	single blanking plates	4	NO		
9	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	50	M		
	carried to collection page				

NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	16SWG Surface mounded and spray painted meter board of sufficient capacity to accommodate 1No single phase powerpower metre 1No cut-out 60A-80A main switch (KMBG(earth bonding and all accessories	1	LOT		
2	Allow for provisional sum for KPLC meter deposit and service line connection.	1	NO		
3	trenching, laying, tiling with concrete HATARI' cable tiles and backfilling in soft ground	25	M		
4	standard cable markers	10	NO		
5	150mm diameter manual fire alarm bell as MENVIER	1	NO		
	<u>Air termination</u>				
6	600mm long X 15mm diameter multiple point copper air terminal with spikes as furse cat no RA 600 mounted on bracket	4	NO		
7	copper air terminal base as furse cat no. SD 105	3	NO		
8	copper junction clamps for tape	3	NO		
	<u>Down conductors</u>				
9	25mm x 3mm turned copper tape as furse cat no.TC 230	40	M		
10	copper ridge saddle as furse cat No.CD 115	10	NO		
11	Direct coupling tape clip as furse cat no. CP 210	6	NO		
12	copper rod to tape coupling	3	NO		
13	25mm x 3mm turned copper tape as furse cat no.TC 230	15	M		
	<u>Earth termination</u>				
14	16mm diameter x1500mm long solid copper earth rod as furse cat No. RC 020 complete with driving stud and spike	15	M		
15	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	2	NO		
	<u>carried to collection</u>				
	<u>COLLECTION</u>				
	Brought forward from page 21				
	Brought forward from above				
	TOTAL ELECTRICAL WORKS				

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

Tenderes company name.....

VAT PIN CERTIFICATE NO.....

SIGNATURE.....

<u>MAIN PRICES SUMMARY PAGE</u>		AMOUNT (KSH)	
NO	DESCRIPTION		full contract
A	BILL NO 1. MEASURED WORKS PG/20		
B	BILL NO 2. PRIME COST& WORKS PC PROVISIONAL SUMS		
C	BILL NO 3. ELECTRICAL WORKS E/01		
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.....