

PROPOSED 1 STOREY OF ADMINISTRATION BLOCK AT KMTC COLLEGE

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	625	SM		
	<u>EXCAVATION</u>				
B	excavating vegetable soil for preservation, average 200mm thick	90	SM		
C	load up and store on site, later level and spread as directed on site and cart away surplus excavated material	190	CM		
	<u>Excavating surface to reduce level</u>				
D	over 300mm deep	133	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	15	CM		
G	Excavate pit for column bases starting from stripped level n.e 1.5 metres deep	257	CM		
H	Ditto exceeding 1.5M but not exceeding 3M deep	130	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	600	CM		
B	Surplus excavated material;removing from site	300	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	80	CM		
	<u>Hardcore</u>				
F	300mm thick depositing and compacting layers maximum 150mm thick in making up levels	100	CM		
	<u>Murram</u>				
G	Blinding surface of fill 50mm thick	450	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	450	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	171	SM		
B	Ditto in column bases & retaining wall base	80	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	34	CM		
E	Column Bases	25	CM		
F	Columns generally	8	CM		
G	vibrated floor beds 150mm thick	450	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	800	KG		
I	Ditto 10mm	400	KG		
J	12 diameter;in any location	400	KG		
K	Ditto 16mm	2800	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	450	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	160	LM		
B	Sides of foundation strips and steps;horizontal	35	SM		
C	Sides of vertical columns	350	SM		
D	edges of column bases	50	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	600	SM		
	<u>DAMP PROOF MEMBRANE</u>				
	<u>Polythene;500 gauge ,150mm laps,no allowance made for laps</u>				
F	Horizontal 1 no layer (s) over 300mm wide	450	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	32	SM		
H	Ditto 20 mm paving in steps finished smooth	32	SM		
	<u>Painting 3 coats black bituminous paint to;</u>				
I	Rendered surface externall	32	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		
	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	663	SM		
B	Labour and materials in eaves filling 200mm thick 250mm mean height	0	LM		
C	Raking cutting to 150mm thick walling	0	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)	294	LM		
	<u>Expansion Joint</u>				
E	12mm thick flexcell expansion joint lining	100	SM		
F	Ditto expansion sealler	22	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	24	CM		
B	columns	6	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	1700	KG		
G	10mm ditto	0	KG		
H	12mm ditto	4200	KG		
I	16mm ditto	2200	KG		
J	20mm ditto	1900	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	150	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	200	LM		
F	props	6800	LM		
	<u>STAIRS &BALUSTRADING</u>				
	<u>Vibrated reinforcement</u>				
	<u>class 20/20mm) aggregate as descibed</u>				
G	Steps and risers	1.5	CM		
H	150mm thick horizontal suspended landing	3	SM		
I	Slopping waist 175mm thick	5	SM		
	<u>Sawn formwork as described to horizzontal soffites of suspended</u>				
J	Landing	3	SM		
K	Slopping soffites of stair waist	5	SM		
L	Edges of suspended landing75-150mm high	5	LM		
M	Slopping edge of staircase open string cut to profile of treads and risers 300mm maximum width	5	LM		
N	Edges of risers 75-150mm high	30	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	80	LM		
B	Make holes in reinforced concrete 30x30mm balusters	18	NO		
C	30X30X3mm thick square hollow section Mild railing welded to 30x30x3mm thick baluster on both ends at 300mm centres	50	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	9	NO		
F	Extra over Handrails for wreath	9	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	130	LM		
	<u>ONE UNDERCOAT TWO COATS POLYURETHANE VARNISH</u>				
H	Timber surfaces 100-200mm girth	16	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	653	SM		
B	Labour and materials in eaves filling 200mm thick 250mm mean height	80	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)	290	LM		
E	Form or leave 250X250mm opening in 200mm walling	29	NO		
F	225mmX225mm precast concrete permanent vent mosquito gauzed laid in cement sand 1:3 mortar	58	NO		
	<u>GALVANISED STEEL PIPES (BLACK PIPE)</u>				
G	75mm thick galvanised steel pipe to reinforce the verandah/roof 3000mm long complete with 150x150x3 mm ms plate and 50x50x100mm deep u plate	0	LM		
	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	560	SM		
B	Gauge 30 G.I Ridge cap	51	LM		
C	Ditto valley	25	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	122	LM		
D	150X50mm tie beams spaced @1200mm c/c	480	LM		
E	100X50mm rafters	580	LM		
F	100X50mm ties and struts	525	LM		
G	75X50 mm purlins	735	LM		
	<u>BOARDING</u>				
	<u>Wrought cypress,prime grade,pressure impregnated</u>				
H	200X25mm thick fascia board	170	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	95	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	160	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	150	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)	120	LM		
	<u>METAL WORK</u>				
	<u>PURPOSE MADE UNITS</u>				
	<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 jams ,cutting and pinning to concrete or blockwork ,fixing to head and sill with screws and plugging.all windows should have strong grills</u>				
B	Overall size4800 X 1200mm high	4	NO		
C	Ditto 2250 x1200mm	4	NO		
D	ditto 600X1200mm	130	NO		
	<u>GLAZING</u>				
D	3mm thick clear sheet glass to metal with putty 1.00 to 1.50 square meters	120	SM		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>				
E	Metal window surfaces over 300mm girth internal and exte	120	SM		
F	Concrete surfaces 200-300 mm girth external	120	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	4	NO		
	<u>Timber doors</u>				
B	900x2400mm high solid core flush door	53	NO		
	<u>JOINERY</u>				
	<u>Frames:wrot mahogany or equall and approved</u>				
C	150X50mm rebated	302	LM		
D	ditto transome	48	LM		
E	20X25mm glazing beading	302	LM		
F	ditto quadrant	302	LM		
G	45x25mm architrave	302	LM		
	<u>GLAZING</u>				
H	3mm thick clear sheet glass to metal with putty 1.00 to 1.50 square meters	3	SM		
	<u>PAINTING AND DECORATING</u>				
	<u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>				
I	Metal surfaces over 300mm girth external/internal	23	SM		
F	Ditto 0- 100mm girth	30	LM		
G	Timber surfaces over 300mm girth external/internal	230	SM		
H	Ditto 0- 100mm girth	302	LM		
	TOTALDOORS 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	822	SM		
B	15mm thick polished terrazzo floor finishes	822	SM		
C	25x3mm plastic dividing strips laid in an approved pattern	1400	LM		
D	15mm thick 100mm high polished terrazzo skirting	440	LM		
	<u>PLASTERWORKS</u>				
E	12mm thick ,2 no coatwork plaster 1:2:6 to Dressed stones (m/s) generally,internal	600	SM		
F	Ditto 15mm thick external(key pointing)	400	SM		
G	15mm thick 2 no coatwork cement sand (1:4) rendered reveals jambs and openings	75	SM		
H	Ditto soffitt of slab	400	SM		
I	Ditto beams	37	SM		
J	Ditto columns	200	SM		
	Total Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING</u>				
A	50X75mm moulded cornice	315	LM		
B	50x50mm & 50X 75mm brandering	1900	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	415	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 surfaces over 300mm girth internal	600	SM		
F	Ditto externall	400	SM		
G	Ditto to reveals jambs and openings	75	SM		
H	Ceilling board surfaces	415	SM		
I	Cornices	200	LM		
J	Soffitte of slab	415	SM		
K	Ditto beams	37	SM		
L	columns	200	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	5	SM		
B	ditto treads 180mm wide	33	LM		
C	ditto on risers 150mm high	36	LM		
D	100x20mm thick skirting	20	LM		
E	extra over treads for 25x1'2 mm carborrundum non slips inserts	28	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		SM		
G	Ditto to treads 180mm wide	36	LM		
H	Ditto to risers 150mm high	36	LM		
	<u>Gauged plaster as described:</u>				
I	12mm thick on horizontal soffittes of landing	4	SM		
J	Ditto on sloping soffittes of stairs	6	SM		
K	Ditto to edges of staircases string	10	SM		
L	Prepare and apply 3 coats plastic emulsion paint on plastered surfaces internally	20	SM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 15				
	Brought forward from page 16				
	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		
F	Ditto 10mm	0	KG		
G	Ditto 12mm	1100	KG		
	<u>CONCRETE WORKS</u>				
	<u>Normal: class 20/20mm vibrated</u>				
H	Beams	1.5	CM		
I	columns	2	CM		
J	Slab 100mm thick	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	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	34	No		
(b)	Ditto 900mmx36w(3ft)	5	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 moundtd 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 page 21					

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	60	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	3	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	2	NO		
	Total carried to collection				
	Total brought forward from pg 19				
	Total brought forward from above				
	TOTAL ELECTRICAL WORKS				

Total amount in words:- Kenya shillings :

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	BILL NO.3				
	<u>P.C AND PROVISIONAL SUMS</u>				
A	provide the Prime cost sum of one million two hundred thousand (1,200,000/=) for mechanical /plumbing works (B.S) to be executed by a nominated subcontractor add for profit allow for general attendance		% ITEM		1,200,000.00
B	provide the prime cost sum of Three hundred thousand(300,000 /=) for Technical supervision (<u>ELECTRICAL ENGINEER, STRUCTURAL ENGINEER PUBLIC WORKS INSPECTOR CLERK OF WORKS</u>)				300,000.00
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
G	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 FOR P.C & PROVISIONAL SUMS CARRIED TO GRAND SUMMARY				

<u>MAIN PRICES SUMMARY PAGE</u>		AMOUNT (KSH)	
NO	DESCRIPTION	Official use	for Tenderer's use only
A	BILL NO 1. PRELIMINARIES PP/5		
B	BILL NO 2. MEASURED WORKS PG/19		
C	BILL NO 4. ELECTRICAL WORKS PG 21		
D	BILL NO 3. PRIME COST& WORKS PC/1 PROVISIONAL SUMS		
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.....