

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK AT LWANDA OLOO PRIMARY SCHOOL</u>			
	<u>ELEMENT NO. 1</u>			
	SUBSTRUCTURE (ALL PROVISIONAL)			
	<u>Excavation & Earthworks</u>			
A	Clear site off grass and shrubs	Sm	185	
B	Excavate over site average 200mm deep to remove vegetable soil	Sm	146	
D	Excavate trenches for foundation not exceeding 1500mm from reduced level	Cm	46	
F	Ditto but bases	Cm	2	
F	Ditto but Columns bases	Cm	2	
	<u>Filling and Carting away</u>			
G	Return, fill and ram selected and approved excavated materials around excavations	Cm	28	
H	Load, wheel and cart away surplus excavated materials as directed	Cm	56	
J	300mm thick approved hardcore bed hand packed, well watered and compacted laid in layers of 150mm thick	Sm	128	
K	50mm selected fine material to hardcore surfaces, well rolled and leveled to receive concrete	Sm	128	
L	Allow for planking and strutting sides of foundation		Item	
M	Allow for keeping excavations free from spring or storm water		Item	
	<u>Insecticide Treatment</u>			
N	Treat surface of blinded hardcore with "ALDREX 48" or TERMIDOR or GLADIATOR insecticide	Sm	128	
	Carried collection			Kshs.

LOPS/ADM/PG1

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	Damp proofing			
A	1000mm gauge polythene sheeting DPM laid on prepared bed ready to receive concrete floor slab (m/s)	Sm	128	
	Concrete Work			
	50mm thick mass concrete 1:4:8 (class p/40mm)			
	in blinding to:-			
B	Strip foundations	Sm	38	
D	Column bases	Sm	8	
	Vibrated reinforced concrete 1:2:4 (class 20/20mm) in:-			
E	Strip foundation	Cm	7	
G	Column bases and foundation columns	Cm	2	
H	150mm thick floor slab and Access Ramp	Sm	128	
	Reinforcement steel			
	High tensile deformed bars to B.S 4461			
M	D 8mm diameter bars	Kg	34	
M	D 8mm diameter bars	Kg	46	
P	One layer B.R.C Ref. No. A142 fabric reinforcement with 150mm end laps tying wire and spacer blocks weighing 2.22kg/Sm (measured nett, allow for laps)	Sm	128	
	Sawn form work to:-			
R	Sides to strip foundation	Sm	38	
S	Sides and edges of floor bed 75-150mm high	Lm	52	
R	Sides to of foundation columns	Sm	12	
	Walling			
T	200mm thick roughly dressed natural quarry stone walling in cement and sand (1:3) mortar	Sm	92	
Carried collection				Kshs.

LOPS/ADM/PG2

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	Plinths finishes			

A	12mm thick rendering in cement sand mortar 1:3	Sm	32	
B	Prepare and apply 3 coats block bitumious paint ditto	Sm	32	
	<i>Precast concrete 1:2:4 paving slabs</i>			
C	50mm thick in 600 x 600mm panels laid on and including 50mm thick consolidated bed of sand and jointed in cement and mortar	Sm	32	
	Carried to collection			Kshs.
	<u>COLLECTION</u>			
	Total brought forward from WMSS/LAB/Page 1			
	Total brought from WMSS/LAB//Page 2			
	Total forward from above			
	Total for Element No 1 (Substructure)			
	Carried to Summary			Kshs.

LOPS/ADM/PG3

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 3			
	WALLING			
	<u>Horizontal damp proof courses</u>			
A	200mm wide Hessian based bitumen felt as DPC weighing not less than 3.8Kg/m ² in one layer and including level and bedding in cement and sand (1:3) mortar	LM	90	
	Smooth chisel well dressed natural quarry stone walling in cement and sand (1:3) mortar reinforced with 20sgw x 25mm wide hoop iron in alternated cours			
C	200mm thick walling Internally	SM	172	
C	200mm thick walling Externally natural quarry stone	SM	94	
	<i>Vibrated reinforced concrete 1:2:4 (20/20)</i>			
A	Ring beams	Cm	7	
A	Columns	Cm	1	
	Reinforcement steel			
	High tensile deformed bars to B.S 4461			

E	8mm diameter bars to K.s 557:2005 as before described	KG	34	
F	12mm ditto	KG	39	
<i>Sown Formwork to</i>				
G	To sides and soffits of beams	Sm	144	
G	To sides of Columns	Sm	14	
F	Labour and materials for eaves filling average 300mm high	LM	52	
<i>Total for Element No. 3 (Walling)</i>				Ksh.
<i>Carried to Summary</i>				

LOPS/ADM/PG4

ITEM	DESCRIPTION	UNIT	QTTY	RATE
ELEMENT NO. 4				
ROOFING				
A	Approved Gauge 28 Box profile blue in colour Manufactured by 'MRM' company laid in accordance to Architect's drawing	SM	200	
B	Ridge Cap 400mm wide	LM	20	
B	Valley 400mm wide	LM	30	
<u>TIMBER TRUSSES</u>				
<u>ALL PROVISIONAL</u>				
<u>The following Roof trusses as per 'T1' in first grade</u>				
<u>pressure impregnated sawn cypress including hoisting and</u>				
<u>placing in position</u>				
D	100 x 50mm Rafters	LM	152	
D	100 x 50mm Hip Rafters	LM	31	
D	100 x 50mm Valley Rafters	LM	33	
E	Ditto tie beams	LM	102	
F	Ditto king post	LM	12	
G	75 x 50mm purlins	LM	232	
H	100 x 50mm truts and ties	LM	194	
J	Ditto collar splices	LM	10	
K	100 x 50mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres	LM	68	
L	200 x 50mm fascia board	LM	78	
<u>Decoration and painting</u>				
<u>Knot, stain prepare and apply three coats gloss oil paint to:</u>				
B	Surfaces of Timber 200-300mm girth	LM	78	
<i>Carried to Collection</i>				Ksh.

LOPS/ADM/PG5

ITEM	DESCRIPTION	UNIT	QTTY	RATE
ELEMENT NO. 5				
DOORS				
<i>Supply and fixed Timber doors to Architectural details</i>				

	Timber Doors		
A	45mm thick semi solid core flush door overall size 900x2100mm high with 1 No, 300x900mm fanlight in filled with glass and approved beading all around.	No	8
	Wrot cypress		
C	150mm x 50mm 2 No. labour plugged frame	Lm	42
D	150x50mm transome	Lm	8
E	40 x 35mm moulded arthitrave	Lm	42
F	25 x 25mm moulded quadrant	Lm	42
G	Reinforcement bar R16	Lm	2
	Supply and fix the following iron mongery		
H	2-Lever rebated mortise lock (UNION)	No	8
I	100 steel butt hinges	PRS	14
J	Rubber door stop complete with 38mm rowal bolt	No	8
	Painting and Decoration		
K	General surfaces of flush doors over 300mm girth internal on wood	SM	35
L	Knot prime stop apply three coats of first quality gloss oil paint to surface of timber	Lm	50
M	Frames not exceeding 100mm girth internal	Lm	50
N	Ditto but to surface of girth 0-100mm high	Lm	42
	Glazing		
P	5mm thick clear sheet glass panes over 0.1 but not exceeding 0.5m ² including timber beading surround	Sm	2
	<u>DOORS</u>		
	<u>Supply and fixed purpose made steelasement doors to Architectural details</u>		
A	Double leaf size 1500 x 2400mm high including 3 pairs 150mm long purpose made hinges including 300mm high fanlight above	No	1
A	Double leaf size 1200 x 2400mm high including 3 pairs 150mm long purpose made hinges including 300mm high fanlight above	No	2
	<u>Supply and fix the following to union catalogue or other equal and approved</u>		
	<u>To metal work or the like fixing with screws or welded smooth</u>		
B	Four lever rebated steel door rock	No	3
	<u>Glazing</u>		
D	5mm thick clear sheet glasses pane 0.1 but not exceeding 0.5mm ²	Sm	2
	<u>Painting and Decoration</u>		
	<u>Prepare and apply one coat primer one undercoat and two coats gloss oil to crow solo or other equal and approved to:</u>		
E	General surface of casement metal doors over 300mm girth generally	Sm	26
	Total for Element No. 6(Windows)		Ksh.
	Carried to Summary		

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>ELEMENT NO. 6</u>			
	<u>WINDOWS</u>			
	<i>Supply and fix the following standard Steel casement purpose made windows including all necessary cuttings lugs, stays and bedding into walls in cement sand mortar 1:4 complete with all necessary accessories and priming once in red-oxide with and including nominal burglar proofing in 25 x 10mm R.H.S bars at approved pattern including fanlight above</i>			
A	Window size 1500 x 1500mm high	No	8	
B	Window size 900 x 1200mm high	No	2	
B	Window size 900 x 900mm high	No	1	
	<u>Glazing</u>			
C	5mm thick tinted sheet glass in pane 0.1-0.5m ² fixed in Alluminium window panes with putty	Sm	24	
	<u>Window Cill</u>			
D	Pre-cast concrete weathered and throated window cill 250x75 mm thick reinforced with 2No. 8mm diameter bars including all moulds and bedding in cement sand mortar 1:4	Lm	24	
	On Metal Painting and Decorating			
	Prepare, primer and apply 3 coats of super gloss oil paint as "crown" or any other equal and approved to surface of:-			
E	Windows internally and externally	Sm	56	
	Pelmet box			
D	Pelmet box comprising 150x25mm wide facia, 2No 150x25mm			

	ends 100mm long ,100x25mm block board top; and 50 x 25mm wrot cypress bearers plunged	Lm	24	
	Curtain Tracks			
E	"Silent Gliss" Standard I-section light duty brass single curtaing track with brass plated screws,One racket runner per 75mm of rail two end stops per length and complete accessories to approval.	Lm	24	
	Painting and Decorating			
	Prepare and apply one undercoat and two finsihing Polyurethane clear vanish to			
B	Frame 200 to 300mm girth	Lm	20	
C	Frame not exceeding 100mm girth internal	Lm	20	
Total for Element No. 6(Windows)				Ksh.
Carried to Summary				

LOPS/ADM/PG7

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>ELEMENT NO. 7</u>			
	<u>EXTERNAL FINISHES</u>			
D	Extra over horizontal and vertical recessEd key pointing externally for three coats of black bituminous paint	Sm	72	

	12mm thick gauge cement sand render 1:4 to walls finished with a wood float externally			
C	Beams ,wall and columns	Sm	32	
D	Ditto wall reveals	Sm	21	
	<i>Painting</i>			
N	Prepare and apply three coats of silk vinyl paint on surface of beams	Sm	32	
	<i>Painting</i>			
P	Prepare and apply three coats of silk vinyl paint on rendered walls externally	Sm	21	
Total for Elenent No. 7 (Finishes)				Ksh.
Carried to Summary				

LOPS/ADM/PG8

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>ELEMENT NO. 8</u>			
	<u>INTERNAL FINISHES</u>			
	<u>Walls</u>			
	<u>Lime gauged (1:1:6) Plaster as described masonry</u>			
H	12mm thick plaster in two coats to walls internally cement sand lime 1:1:6 with a smooth float to walls internally	Sm	346	
	<u>Painting</u>			
N	Prepare and apply three coats of silk vinyl paint on plastered walls	Sm	342	
	<u>Floor</u>			
R	38mm thick coloured cement sand screed 1:3 screed steel trowelled smooth	Sm	128	
	<u>Ceramic Floor Tiles</u>			
C	8mm thick ceramic floor tiles size 300 x 300mm laid with cement grout and joints pointed with white cement	Sm	128	

T	Ditto 100 high skirting	Lm	108	
<i>Branding</i>				
A	50x50mm sawn cypress main branding	Lm	460	
B	Ditto but plugged	Lm	108	
<i>Ceiling</i>				
C	9mm thick flowered chipboard in ceiling fixed to timber branding	Sm	128	
D	100x50mm wrot cypress coved cornice	Lm	108	
E	Extra over flowered chipboard for trap door size 600x600mm including framing 75x50mm sawn cypress	No	2	
<i>Painting</i>				
F	Prepare and apply three coats of first quality plastic emulsion paint to surface of chipboard ceiling	Lm	128	
G	Ditto to cornice of girth 0-100mm high	Lm	108	
<i>Total for Elenent No. 68(Finishes) Carried to Summary</i>			Ksh.	

LOPS/ADM/PG9

ITEM	DESCRIPTION	UNIT	AMOUNT (KS)
<u>SUMMARY OF ELEMENTS</u>			
A	Element 1:Substructure Work From LOPS/ADM/PG3	1	
B	Element 2: Superstructure Work From LOPS/ADM/PG4	2	
C	Element 3: Walling From LOPS/ADM/PG 5	3	
D	Element 4: Roofing From LOPS/ADM/PG6	4	
E	Element 5: Doors From LOPS/ADM/PG7	5	
F	Element 6: Windows From From LOPS/ADM/PG8	6	
G	Element 7: Finishes From LOPS/ADM/PG9	7	

	TOTAL FOR BUILDER'S WORK CARRIED TO GRAND SUMMARY	Kshs

LOPS/ADM/PG10

ITEM	DESCRIPTION	AMOUNT(KSHS)
	<u>PROVISIONAL SUMS</u>	
A	Allow for a provisional sum of Kenya shillings one hundred thousand for electrical work	
B	Allow for a provisional sum of Kenya shillings ten thousand for contingency	
B	Allow for a provisional sum of Kenya shillings one hundred thousand for supplying office chairs and tables	
	TOTAL FOR PROVISIONAL SUMS Carried to Summary	

LOPS/ADM/PG11

	7	
ITEM	DESCRIPTION	FOR OFFICIAL USE (KSHS.)
	<u>GRAND SUMMARY</u>	
A	Builder's work from <i>LOPS/ADM/PG10</i>	
B	Provisional sum from <i>LOPS/ADM/PG11</i>	210,000.00

	Sub - Total	
	Add 16% V A T (on item A & B)	
C	Project Management By PMC	45,000.00
D	Project Supervision	25,000.00
E	Project Documentation	4,000.00
F	Project Branding and Erection of Sign Post	20,000.00
	GRAND TOTAL	
	CARRIED TO FORM OF TENDER	

Amount in words Kenya Shillings:

Tender's Name:.....

Address:.....

Signature & Stamp:.....

Date:.....

Witness Name:.....

Address:.....

Signature:.....

Date:.....

AMOUNT

AMOUNT

AMOUNT



AMOUNT

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AMOUNT	
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1S)
100,000.00
10,000.00
100,000.00
210,000.00

FOR CONTRACTOR'S USE (KSHS.)

