

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>PROPOSED CONSTRUCTION OF DORMITORY AT LAMBWE CHRISTIAN SCHOOL FOR THE DEAF</u>			
	<u>ELEMENT NO. 1</u>			
	<u>SUBSTRUCTURE (ALL PROVISIONAL)</u>			
A	Allow for plunking and strutting	Item		
B	Allow for keeping excavations free from underground, or storm water	Item		
C	Clear site of all bushes, shrubs and trees girth not exceeding 600mm grub out roots, stamps and dispose off	Sm	160	
D	Excavate over site average 200mm deep to remove vegetables soil, wheel and deposit of site directed	Sm	140	
E	Excavate for foundation trench not exceeding 1.5m deep starting from stripped level	Cm	41	
F	Ditto in column bases and Piers not exceeding 1.5m deep	Cm	4	
G	Extra over to rock excavation in all class	Cm	3	
	Imported material in filling			
H	Return fill and ram selected materials around the foundations	Cm	19	
J	Cart-away all excavated materials where directed	Cm	22	
K	300mm hardcore filling well hand in laayer compacted to receive murrum (m.s)	Cm	74	
L	Murrum filling well watered compacted in layers of not exceeding 150mm thick to receive hard core filling.	Cm	36	
	Insecticide Treatment			
M	Premise 200cc or any other equal and approved anti-termite treatment applied as per manufacturers printed instructions	Sm	148	
	Damp proofing			
N	500mm gauge polythene damp proof memberane with 150mm (Min) end and side laps to receive concrete slab	Sm	148	

Carried collection	Kshs.
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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<i>Concrete Work</i>			
A	50mm thick concrete 1:4:8 blinding under foundation	Sm	36	
B	Ditto in column bases	Sm	4	
	<i>Vibrated reinforced concrete 1:2:4 (class 20/20mm) in:-</i>			
C	150mm thick floor slab and Acces Ramp	Sm	148	
D	Ditto in strip foundation	Cm	7	
E	Ditto in columns	Cm	1	
F	Ditto in columns bases	Cm	2	
	<i>Reinforcement</i>			
G	One layer B.R.C Ref. No. A142 fabric reinforcement with 150mm end laps tyinh wire and spacer blocks weighing 2.22kg/Sm (measured nett, allow for laps)	Sm	148	
H	8mm diameter mild steel reinforcement round bars to K.s 573:2005 including all cutting to size binding wire and spacer blocks in strip.	Kg	88	
J	10mm ring tensile square twisted to Ks.373.2005 and Ditto	Kg	159	
K	12mm high tensile square twisted to Ks.573.2005 and Ditto	Kg	106	
	<i>Sawn form work to:-</i>			
L	Sides to strip foundation	Sm	24	
M	Side of column bases	Sm	3	
N	Sides of column	Sm	6	
O	Sides and edges of floor bed 75-150mm high	Lm	56	
	Carried collection			Kshs

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	Walling			
A	200mm thick natural quarry stone walling in cement sand mortar (1:3)	Sm	98	
	3 Ply Hessian based bituminous felt damps proof course bedding on motar including leveling			
C	20mm wide damp proof course under walls	Lm	49	
	Plinths			
D	12mm thick rendering in cement sand mortar 1:3	Sm	34	
E	Prepare and apply 3 coats block bitumious paint ditto	Sm	34	
	Precast concrete 1:2:4 paving slabs			
F	50mm thick in 600 x 600mm panels laid on and including 50mm thick consolidated bed of sand and jointed in cement and mortar	Sm	38	
				Ksh.
	Carried to collection			
	Total brought forward from LCSD/D/Page 1			
	Total brought from LCSD/D/Page 2			
	Total forward from above			
	Total for Element No 1 (Substructure)			Ksh.
	Carried to Summary			

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 2			

SUPERSTRUCTURE WORKS			
<i>Vibrated reinforced concrete 1:2:4 (20/20)</i>			
A	Ring beams and lintels	Cm	6
B	Ditto in columns	Cm	2
<i>Formwork</i>			
C	Sides of columns	Sm	17
D	Sides of beams and lintels	Sm	42
<i>Reinforcement</i>			
E	8mm diameter bars to K.s 557:2005 as before described	Kg	193
F	12mm ditto	Kg	268
<i>Walling</i>			
G	200mm thick well dressed natural quarry stone walling in cement and sand (1:3) mortar reinforced with 20sgw x 25mm wide hoop iron in alternated cours	Sm	128
H	Labour and materials for eaves filling average 125mm high	Lm	48
Total for Element No. 2 Superstructure works			Ksh.
<i>Carried to Summary</i>			

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
ELEMENT NO. 3				
ROOFING				
A	Approved gauge 28 Box profile (blue in colour) Manufactured by 'MRM' company laid in accordance to Architect's drawing	SM	206	
B	Ridge Cap 400mm wide	LM	25	
<u>TIMBER TRUSSES</u>				
<u>ALL PROVISIONAL</u>				

	<u>The following Roof trusses as per 'T1' in first grade pressure impregnated sawn cypress including hoisting and placing in position</u>			
C	150 x 50mm Raftuers	LM	124	
D	Ditto tie beams	LM	98	
E	Ditto king post	LM	29	
F	75 x 50mm purlins	LM	214	
G	100 x 50mm truts and ties	LM	189	
H	Ditto collar splices	LM	14	
J	100 x 50mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres	LM	40	
K	200 x 50mm fascia board and Verge board	LM	70	
L	Knot prime stop and apply one under coat and two finishing coats of gloss paint too surface of timber 100-200mm girth	LM	79	
M	Bore hole in 50mm thick timber for 12mm diameter bolt	NO	31	
N	Make mortice in reinforced concrete for 12mm diameter bolt	NO	31	
	Total for Element No. 3 (Roofing) Carried to Summary			Ksh.

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 4 DOORS <i>Supply and fixed purpose made casement doors to Architectural details</i>			
A	1500 x 2100mm high double leaf door including 300mm high			

	fanlight above	No	3	
	Supply and fix the following to union catalogue or other equal and approved			
	To metal work or the like fixing with screws or welded smooth			
B	Two lever rebated door lock	No	3	
	<u>Glazing</u>			
C	5mm thick clear sheet glasses pane 0.1 but not exceeding 0.5mm ²	Sm	2	
	<u>Painting and Decoration</u>			
	Prepare and apply one coat primer one undercoat and two coats gloss oil to crow solo or other equal and approved to:			
D	General surface of casement metal doors over 300mm girth generally internally and externally	Sm	22	
	Total for Element No. 4 (Doors)			Ksh.
	Carried to Summary			

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>ELEMENT NO. 5</u>			
	<u>WINDOWS</u>			
	<i>Supply and fix the following standard Alluminium 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 1700mm high	No	11	
	<u>Glazing</u>			
B	5mm thick tinted sheet glass in pane 0.1-0.5m ² fixed in Alluminium window panes with putty	Sm	33	

	<u>Window Cill</u>			
C	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	20	
	<u>PAINTING</u>			
	Prepare, primer and apply 3 coats of super gloss oil paint as "crown" or any other equal and approved to surface of:-			
D	Windows internally	Sm	33	
E	Window externally	Sm	33	
	Total for Element No. 5(Windows) Carried to Summary			Ksh.

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>ELEMENT NO. 6</u>			
	<u>FINISHES</u>			
	<u>Walls</u>			
	<u>Lime gauged (1:1:6) Plaster as described masonry</u>			
A	12mm thick plaster in two coats to brick walls internally cement sand lime 1:1:6 with a smooth float to walls internally	Sm	158	
B	Ditto to reveals and jambs	Sm	2	
	<u>Painting</u>			
C	Prepare and apply three coats of silk vinyl paint on plastered walls	Sm	160	
	12mm thick gauge cement sand render 1:4 to walls finished with a wood float externally			
D	12mm thick gauge cement sand render 1:4 to walls finished with			

	a wood float externally	Sm	65	
E	Ditto to surfaces of reveals and jambs	Sm	2	
F	Ditto to surfaces of columns and beams	Sm	69	
	<i>Painting</i>			
G	Prepare and apply three coats of silk vinyl paint on rendered walls externally	Sm	135	
	<i>Keying</i>			
H	Extra over horizontal and vertical recessed key pointing externally for three coats of black bituminous paint	Sm	101	
	<i>Floor</i>			
J	38mm thick cement sand screed 1:3 screed to receive floor tiles <u>300x300x6mm coloured creamic floor tiles as manufactured by "saj" or other equal and approved on cement backing and pointing and joining in matching cement grout to :</u>	Sm	145	
K	Floor	Sm	145	
L	20 x 100mm high Ditto	Lm	52	
<i>Total for Elenent No. 6 (Finishes) Carried to Summary</i>				Ksh.

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ITEM	DESCRIPTION	UNIT	AMOUNT (I
	<u>SUMMARY OF ELEMENTS</u>		
A	Element 1: Substructure Work From LCSD/D/pg 3	1	
B	Element 2: Superstructure Work From LCSD/D/pg 4	2	
C	Element 3: Roofing LCSD/D/pg5	3	
D	Element 4: Doors From LCSD/D/pg 6	4	
E	Element 5: Windows From LCSD/D/pg 7	5	
F	Element 6: Finishes From LCSD/D/pg8	6	
TOTAL FOR BUILDER'S WORK		Kshs	

CARRIED TO GRAND SUMMARY

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ITEM	DESCRIPTION	AMOUNT (I
	PROVISIONAL SUMS	
A	Allow for provisional sum of Kenya Shillings Ninety thousand for Electrical Installation	
B	Allow for provisional sum of Kenya Shillings Ten thousand for contingency	
	TOTAL FOR PROVISIONAL SUMS CARRIED TO SUMMARY	Kshs.

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ITEM	DECSRIPTION	FOR OFFICIAL USE (KSHS.)
	GRAND SUMMARY	
A	Builder's work from LCSD/D/Page 9	
B	Provisional sums from LCSD/D/ Page 10	100,000.00
	Sub - Total	
	Add 16% V A T (on item A & B)	
C	Project Management By PMC	50,000.00
D	Project Supervision by Public Works	35,000.00

E	Project Documentation	4,000.00
F	Project Branding and Erection of Sign Post	25,000.00
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

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AMOUNT

AMOUNT

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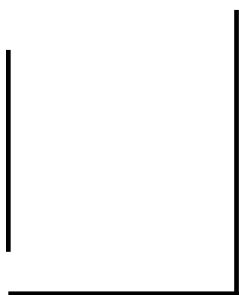
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KSHS)

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90,000.00
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100,000.00

FOR CONTRACTOR'S USE (KSHS.)



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