

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>PROPOSED CONSTRUCTION OF AN ECDE CLASSROOM IN MERU COUNTY</u>					
	<u>ELEMENT NO. 1</u>					
	<u>SUBSTRUCTURE (ALL PROVISIONAL) :-</u>					
A.	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	102	SM			
B.	Excavate to reduce level and remove top vegetable soil average 300 mm deep from the existing ground level and cart away and dispose the arising to a location authorised by the local	31	CM			
C.	Excavate trenches in normal soil for strip foundation not exceeding 1.50 M deep from the reduced level	40	CM			
D	Load, cart away and spread extra excavation material on sited as directed by the Architect.	61	CM			
E	Return, fill and ram selected excavated materials to sides of foundation wall.	10	CM			
	<u>Wall:-</u>					
F	200 mm rough dressed natural stone wall in cement : sand mortar (1:4).	54	SM			
	<u>Filling</u>					
G	300 mm thick approved hardcore filling well compacted in layers not exceeding 150 mm thick to make up levels.	102	SM			
H	50 mm thick murrum or other equal and approved blinding material to surface of hardcore (m.s.).	102	SM			
I	100 mm thick murrum or other equal and approved blinding material to surface of hardcore to be used as playing sand	30	SM			
J	"Gladiator" or other equal and approved anti-termite insecticide to hardcore surface applied in accordance with Manufacturer's written instructions.	102	SM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>Plain concrete (1:4:8) as described in :-</u>					
A.	50 mm thick under strip foundation	27	SM			
	<u>Reinforced concrete 1:2:4 as described in :-</u>					
B	Foundations	5	CM			
C	Columns	1	CM			
D	150 mm floor slab	76	SM			
	<u>Sawn formwork as described to :-</u>					
E	Edges of strip footing 150 - 225 mm girth	90	LM			
F	Edges of slab 75 mm - 150 mm girth	42	LM			
	<u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) [100 Kg/Cm] :-</u>					
G	10 mm diameter	264	KG			
H	8 mm diameter	216	KG			
I	B. R. C. A 142 mesh reinforcement to Engineer's specification.	76	SM			
J	1000 gauge polythene damp proof membrane	76	SM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>Plunking and Strutting</u>					
A	Allow for plunking and strutting to sides of all excavation to keep excavation free from all fallen materials		ITEM			
	<u>Plinth finishes</u>					
B	12 mm thick plaster to plinth	13	SM			
C	Prepare and apply two coats black bituminous paint to plastered surface	13	SM			
	Total carried to collection					
	<u>COLLECTION</u>					
	Carried forward from page 1/1					
	Carried forward from page 1/2					
	Brought down from above					
	Total carried to Summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>ELEMENT NO. 2</u>					
	<u>R. C. SUPERSTRUCTURE :-</u>					
	<u>Reinforced concrete (1:2:4) as described to :-</u>					
A	Beams	3	CM			
B	Columns	1	CM			
	<u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-</u>					
C	10 mm ditto	156	KG			
D	8 mm ditto	84	KG			
	<u>Sawn formwork as described to :-</u>					
E	Sides and soffits of beams and columns	39	SM			
	Total carried to Summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>ELEMENT NO. 3</u>					
	<u>WALLING</u>					
	<u>Smooth machine dressed quarry stone or other equal and approved walling in Cement : sand (1:4) mortar :-</u>					
A.	200 mm thick externally.	108	SM			
B.	Extra over ditto for 10 mm neat horizontal key and flush vertical joints in (1:4) mortar.	108	SM			
C	Approved 200 mm wide damp proof course laid to breaking joints with 150 mm laps in cement : sand (1:3) mortar.	141	LM			
Total carried to Summary						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	ELEMENT NO.					
	ROOF STRUCTURE					
	<u>ROOF</u>					
	<u>(PROVISIONAL)</u>					
	<u>All cypress timber to be well seasoned 2nd grade timber pressure impregnated with Tanalith 'C' :-</u>					
	<u>The following in 9 No. Trusses Type "T1" spanning 10,800 mm with a height 1800 mm raised 3100 mm from the ground level :-</u>					
A.	150 x 50 mm rafters	124	LM			
B.	100 x 50 mm king/end posts, struts/ ties	126	LM			
C.	150 x 50 mm top and ceiling joists	90	LM			
	<u>Seasoned Celcured 2nd Grade Cypress :-</u>					
D	150 x 50 mm common rafters	124	LM			
E	100 x 50 mm purlins	60	LM			
F	100 x 50 mm wall plate	40.4	LM			
G	150 x 50 mm valley, ridge and hip rafters	20	LM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<p><u>Roof Covering :-</u></p> <p><u>Supply and fix prepainted gauge 28 IT5 roof cover or other equal and approved roof covering; measured net without allowing for headlaps or side laps laid on and including 50 x 38 mm pressure impregnated cypress batten as described in :-</u></p>					
A.	Roof coverings	130	SM			
B.	250 mm diameter half round ridge, valley and hip cap.	10	LM			
	<p><u>Rainwater Disposal:-</u></p> <p><u>28 Gauge SWG galvanized mild steel rainwater goods with lapped, rivetted and soldered joints or seams including all labours :-</u></p>					
H	150 x 125 mm rectangular boxed eaves gutter including fixing clamps at 600 mm centre.	21	LM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
A.	100 mm diameter rainwater downpipe imbedded to walls or boxed in walls and all necessary clamping.	6	LM			
B.	Extra over ditto for swan neck	2	NO			
C.	Ditto for shoe	2	NO			
	<u>Touch up primer prepare and apply three coats gloss oil paint on metal surfaces as described in :-</u>					
E.	Surfaces of gutter 200 -300 mm girth	27	LM			
	Total carried to collection					
	<u>COLLECTION</u>					
	Brought forward from page 1/6					
	Brought forward from page 1/7					
	Brought down from above					
	Total carried to Summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>ELEMENT NO. 4</u>					
	<u>WINDOWS</u>					
	<u>Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy duty closers and stay, fixing lugs and one coat red oxide primer all as per Architect's details :-</u>					
A.	Window size 2000 x 1200 mm high	3	NO			
B	Ditto size 1500 x 1200 mm window	1	NO			
	<u>Glazing :-</u>					
	<u>4 mm thick clear sheet glass fixed to metal frames with putty :-</u>					
C	Panes 0.1 - 0.5 square metres	9	SM			
	<u>Prepare and apply three coats oil paint to :-</u>					
D	Metal surfaces	18	SM			
	<u>Window Cill</u>					
F	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar	8	LM			
	Total carried to Summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>ELEMENT NO. 5</u>					
	<u>DOORS (All to Architects details)</u>					
	<u>Glazed Metal doors :-</u>					
A.	900 x 2400mm high mild steel panel door comprising 1No. openable leave with 40 x 25 x 3mm frame infilled with and including 25 x 25 x 3mm SHS diagonal braces and 16 x 8mm thick square bars all cut and welded together in approved decorative pattern and hang to and including 50 x 25 x 3mm thick mild steel plugged frame all round including inbuilt hinges, hasps and locking facility and priming the whole door with red lead oxide after fabrication.	2	NO			
	<u>Prepare and apply three coats of oil paint to :-</u>					
B	General metal surfaces	9	SM			
Total carried to Summary						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>ELEMENT NO. 6</u>					
	<u>FINISHES</u>					
	<u>Floors</u>					
	<u>Cement : sand (1:4) in :-</u>					
A.	Supply and fix steel trowelled cement sand screed laid carefully and mixed with red oxide	102	SM			
	<u>Walls</u>					
B	12 mm thick cement and sand (1:4) plaster to columns, walls ,beams and jambs internally.	108	SM			
	<u>Painting</u>					
C	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.	108	SM			
	<u>Ceiling</u>					
D	Supply and fix gypsum ceiling anchored on 50X50mm cypress brandering spaced at 600mm centers including 3 coats of paint.	76	SM			
	<u>Contingency</u>					
E	Allow for Contingency Sum of Kenya Shillings Fifty Thousand (Kshs. 50,000.00) only.		SUM		50,000.00	
	Total carried to Summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>SUMMARY</u>					
1	Substructure	1/3				
2	Reinforced Concrete Superstructure	1/4				
3	Roof	1/8				
4	Walling	1/5				
5	Windows	1/7				
6	Doors	1/10				
7	Finishes	1/11				
	GRAND SUMMARY CARRIED TO THE FORM OF TENDER					