

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
<u>PROPOSED CONSTRUCTION OF 2 NO. CLASSROOM AT USUNGU PRIMARY SCHOOL IN SUBA NORTH SUB COUNTY HOMA BAY COUNTY</u>					
<u>ELEMENT NO. 1</u>					
<u>SUBSTRUCTURE (ALL PROVISIONAL)</u>					
<u>Excavation & Earthworks</u>					
A	Clear site off grass and shrubs	Sm	230		
B	Excavate over site average 200mm deep to remove vegetale soil	Sm	110		
C	Excavate to reduce levels average 150mm deep starting from stripped level	Cm	22		
D	Excavate foundation trenches commencing from reduced level but not exceeding 1.5m deep	Cm	15		
E	Ditto but column bases	Cm	6		
<u>Filling and carting away</u>					
F	Return fill and ram selected excavated materials around foundation	Cm	15		
G	Load, wheel and cart away surplus excavated materials as directed	Cm	15		
H	300mm thick stone hardcore handpacked, spread level and consolidated	Cm	46		
J	50mm thick murrum blinding to surface of hardcore finished smooth	Sm	196		
<u>Insecticide Treatment</u>					
K	Treat surface of blinded harcore with "ALDREX x 48" or TERMIDOR or GLADIATOR insecticide	Sm	196		
<u>Damp proof</u>					
L	500mm gauge polythene sheeting DPM laid on prepared bed ready to receive concrete floor clab (m/s)	Sm	196		
Carried collection				Kshs.	

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	<u>Concrete Works</u>				
	<u>50mm thick mass concrete 1:4:8 (Class P/40mm) in blinding to:-</u>				
A	Strip foundation	Sm	28		
B	Column bases	Sm	7		
	<u>Vibrated Reinforced concrete 1:2:4 (Class 20/20mm) in:-</u>				
C	Strip foundation and ground beam	Cm	5		
D	Column bases	Cm	1		
E	150mm thick floor slab and access ramps	Sm	196		
	<u>Reinforcement Steel</u>				
	<u>High tensile square twisted to B.S 4461</u>				
F	D 12mm diameter bars	Kgs	113		
G	D 8mm diameter bars	Kgs	100		
H	Steel fabric mesh/RBC mesh ref A 98 (weighing not less than 2.22kg/m3 in floor slab)	Sm	219		
	<u>Sawn formwork to:-</u>				
J	Edge of floor slab not exceeding 75-150mm high	Lm	38		
	<u>Walling</u>				
K	200mm thick roughly dressed natural quarry stone Walling in cement and sand (1:3) mortar	Sm	63		
	Carried to collection			Kshs	-

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	<u>Plinth finishes</u>				
A	15mm thick cement and sand (1:3) rendering to plinth area	Sm	15		
B	Prepare and apply two coats of black bituminous paint to rendered wall	Sm	15		
	Carried to collection			Ksh	
	<u>COLLECTION</u>				
	Brought forward from UPS/2CLR/Page 1				
	Brought from UPS/2CLR/Page 2				
	Brought down from above				
	Total for Element No 1 (Substructure)			Ksh.	
	Carried to Summary				

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	ELEMENT NO. 2 SUPERSTRUCTURE WORKS				
	<u>Walling</u>				
A	200mm thick well dressed natural quarry stone walling in cement sand mortar (1:3)	Sm	129		
	<u>Horizontal damp proof courses</u>				
B	150mm 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	28		
C	Labour and material for eaves filling to the top of 200mm thick walling average 300mm high	Lm	26		
	<u>Concrete works</u>				
	<u>Vibrated reinforced concrete 1:2:4 (Class 20/20mm) in:-</u>				
D	Ring beam	Cm	4		
E	Columns	Cm	2		
	<u>Reinforcement steel</u>				
	<u>High tensile square twisted bars B.S 4461 in:-</u>				
F	D 8mm diameter bars	Kg	178		
G	D12mm diameter bars	Kg	218		
	<u>Sawn formwork to:-</u>				
H	Sides soffites of ring beams	Sm	34		
J	Side of column	Sm	29		
K	200 x 200 x 3000mm high fine dressed natural quarry stone walling in pier in cement and sand (1:3) mortar	No	8		
	Total for Element No. 2 (Superstructure works)			Ksh.	
	Carried to Summary				

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	ELEMENT NO. 3 ROOF WORK AND ROOF COVERING				
	<u>Construction</u> <u>Sawn cypress site treated timber in:-</u>				
A	150 x 50 mm timber beam	Lm	13		
B	150 x 50 mm tie beam	Lm	64		
C	100 x 50 mm rafter	Lm	120		
D	100 x 50 mm strut /ties	Lm	144		
E	100 x 50 mm wall plate	Lm	22		
F	75 x 50mm purlins	Lm	144		
G	200 x 25 wrot cypress fascia board	Lm	43		
H	Knot prime stop and apply one under coat and two finishing coats of gloss paint too surface of timber 100-200mm girth	Lm	43		
	<u>Roof Cover</u>				
J	28 Gauge MRM Blue Box Profile sheet roof cover fixed onto purlins with rubber washer to match	Sm	260		
K	Ditto ridge cap	Lm	20		
L	100mm diameter x 2700 x 3mm thick RHS black pipe including welding 100 x 5mm thick U-shaped plate to	No	10		
M	Prepare and apply three coats of first quality gloss oil paint to surface of metal 0-100mm girth	Lm	18		
	Total for Element No. 3 (Roof works and Roof covering)			Ksh.	
	Carried to Summary				

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	ELEMENT NO. 4 DOORS				
	<u>Steel Door</u>				
A	Purpose made double leaf out swing steel casement door in two panels of 900mm and 600mm wide respectively overall size 1500mm x 2700mm high, all in one coat of red oxide primer and two coats of gloss oil paint, steel mortice door lock and padlocking bolt , frame fixing high including 600mm high fan light above and all necessary accessories	No	2		
	<u>Glazing</u>				
B	4mm thick clear sheet glass panes over 0.1 but not excceting 0.5m2	Sm	2		
	Total for Element No.4 (Doors)			Ksh.	
	Carried to Summary				

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	<u>ELEMENT NO. 5</u>				
	<u>WINDOWS</u>				
	<u>Steel windows</u>				
	Supply, assemble and fix the following purpose made mild steel casement windows, standard metal section from approved manufactured complete with frames, transom, millions and including permanent ventilators comprising "T" bar, gauze and 16 gauge steel metal rod 50mm high x 50mm projection to fill width of window, coupling millions approved iron monger and one coat manufacturing prime, all				
	<u>Welded ground to smooth finish</u>				
	Steel, for glazing with putty lugs to two jambs cutting priming to concrete or stone work fixing to head and cill with screw, plugging				
A	Window overall size 1750 x 1700mm high with 2No. and opened 2No. fixed light each size 450 x 1700mm	No	8		
B	Window overall size 1750 x 1200mm high with 2No. and opened 2No. Fixed light each size 450 x 1200mm high	No	6		
	<u>Glazing</u>				
C	4mm thick ordinary quality clear sheet glass in panes 0.1-0.5m ² fixed in steel window panes with putty	Sm	16		
D	Pre-cast concrete weathered and throated window cill 259x75 mm thick reinforced with 2No. 8mm diameter bars including all moulds and bedding in cement sand (1:4)	Lm	19		
E	Prepare and apply 2coats of undercoats and one finishing coat of first quality gloss oil paint to surface of metal	Sm	16		
F	Ditto Externally	Sm	16		
	Total for Element No. 5(Windows)			Ksh.	

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	ELEMENT NO. 6				
	<i>FINISHES</i>				
	<i>Walls</i>				
	<u>Lime gauged (1:1:6) Plaster as described</u>				
A	12mm thick plaster in two coats to quarry stone walls internally	Sm	251		
B	Ditto reveals and jambs	Sm	3		
C	Prepare and apply three coats of first grade plastic emulsion paint on plastered surface	Sm	260		
	<u>Cement and sand (1:4) render as described</u>				
D	12mm thick cement and sand rendering to surface of walls finished with wood float	Sm	98		
E	Ditto to reveals and jambs	Sm	5		
F	Prepare and apply three coats of first grade plastic emulsion paint on rendered surface	Sm	103		
G	3200mm x 1500mm wide 25mm thick block board plugged to concrete or stone work complete with 50 x 25mm thick chamfered frame all round 3 coats of block bituminous paint	No	2		
	<u>Keying</u>				
H	Pointing/jointing horizontal and vertical joints with black bituminous paint	Sm	84		
	<u>Floor</u>				
J	38mm thick cement and sand (1:3) screed to receive floor tiles	Sm	182		
	<u>300x300x6mm coloured ceramic floor tiles as manufactured by SAJ' or other equal and approved on cement backing and pointing and joining in matching cement grout to :</u>				
K	Floor	Sm	182		
L	20 x 100mm high Ditto	Lm	63		

Total for Element No.6 (Finishes) Carried to collection	Ksh.	-
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ITEM	DESCRIPTION	UNIT	AMOUNT (KSHS)
	SUMMARY OF ELEMENT		
A	TOTAL FOR ELEMENT NO.1 (SUBSTRUCTURE) From UPS/2CLR/Page 3	3	
B	TOTAL FOR ELEMENT NO.2 (SUPERSTRUCTURE WALLING)From UPS/2CLR/Page 4	4	
C	TOTAL FOR ELEMENT NO. 3(ROOF WORK & ROOF COVERING) From From UPS/2CLR/Page 5	5	
D	TOTAL FOR ELEMENT NO.4 (DOORS) From UPS/2CLR/Page 6	6	
E	TOTAL FOR ELEMENT NO. 5(WINDOWS) From UPS/2CLR/Page 7	7	
F	TOTAL FOR ELEMENT NO.6 (FINISHES) From UPS/2CLR/Page 8	8	
	TOTAL FOR BUILDER'S WORK	Kshs.	
	CARRIED TO GRAND SUMMARY		

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ITEM	DESCRIPTION	AMOUNT (KSHS)
	<u>PROVISIONAL AND PRIME COST</u>	
A	Allow for provisional sum of Kenya Shillings ten thousand for contingencies	10,000.00
B	Allow for a prime cost sum of Kenya Shillings One hundred thousand for electrical works	100,000.00
	TOTAL FOR PROVISIONAL SUMS CARRIED TO SUMMARY	Kshs 110,000.00

ITEM	DESCRIPTION	FOR OFFICIAL USE	FOR CONTRACTOR'S USE
	<u>GRAND SUMMARY</u>		
A	Builder work from UPS/2CLR/Page 9		
B	Provisinal sum from UPS/2CLR/Page 10	110,000.00	
	Sub Total		
C	ADD V.A.T 16%		
D	Project Management By PMC	40,000.00	
E	Project Supervision	20,000.00	
F	Project Documentation	2,000.00	
G	Project Branding and Erection of Sign Post	25,000.00	
	GRAND TOTAL		
	CARRIED TO FORM OF TENDER		

Amount in Words Kenya Shillings:

Tenderer's Name: _____

Address: _____

Signature & Stamp: _____

Date: _____

Witness Name: _____

Address: _____

Signature: _____

Date: _____

