

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
<p align="center"><u>PROPOSED CONSTRUCTION OF 1NO. CLASSROOM AT NYAMUNGA PRIMARY SCHOOL IN SUBA NORTH SUB COUNTY HOMA BAY COUNTY</u></p>					
<p><u>ELEMENT NO. 1</u> SUBSTRUCTURE (ALL PROVISIONAL) <u>Excavation & Earthworks</u></p>					
A	Clear site off grass and shrubs	Sm	123		
B	Excavate over site average 200mm deep to remove vegetale soil	Sm	50		
C	Excavate to reduce levels average 150mm deep starting from stripped level	Cm	11		
D	Excavate foundation trenches commencing from reduced level but not exceeding 1.5m deep	Cm	21		
E	Ditto but column bases	Cm	2		
<p><u>Filling and carting away</u></p>					
F	Return fill and ram selected excavated materials around foundation	Cm	8		
G	Load, wheel and cart away surplus excavated materials as directed	Cm	6		
H	300mm thick stone hardcore handpacked, spread level and consolidated	Cm	42		
J	50mm thick murrum blinding to surface of hardcore finished smooth	Sm	91		
<p><u>Insecticide Treatment</u></p>					
K	Treat surface of blinded harcore with "ALDREX x 48" or TERMIDOR or GLADIATOR insecticide	Sm	91		
<p><u>Damp proof</u></p>					
L	500mm gauge polythene sheeting DPM laid on prepared bed ready to receive concrete floor clab (m/s)	Sm	91		
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	14		
B	Column bases	Sm	3		
	<u>Vibrated Reinforced concrete 1:2:4 (Class 20/20mm) in:-</u>				
C	Strip foundation and ground beam	Cm	3		
D	Column bases	Cm	1		
E	150mm thick floor slab and access ramps	Sm	96		
	<u>Reinforcement Steel</u>				
	<u>High tensile square twisted to B.S 4461</u>				
F	D 12mm diameter bars	Kgs	70		
G	D 8mm diameter bars	Kgs	42		
H	Steel fabric mesh/RBC mesh ref A 98 (weighing not less than 2.22kg/m3 in floor slab)	Sm	99		
	<u>Sawn formwork to:-</u>				
J	Edge of floor slab not exceeding 75-150mm high	Lm	38		
K	Sides of foundation column	Sm	6		
	<u>Walling</u>				
L	200mm thick roughly dressed natural quarry stone Walling in cement and sand (1:3) mortar	Sm	44		
	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	12		
B	Prepare and apply two coats of black bituminous paint to rendered wall	Sm	12		
	Carried to collection			Ksh	
	<u>COLLECTION</u>				
	Brought forward from NPS/CLR/Page 1				
	Brought from NPS/CLR/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	98		
	<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	18		
	<u>Concrete works</u>				
	<u>Vibrated reinforced concrete 1:2:4 (Class 20/20mm)in:-</u>				
D	Ring beam	Cm	2		
E	Columns	Cm	1		
	<u>Reinforcement steel</u>				
	<u>High tensile square twisted bars B.S 4461 in:-</u>				
F	8mm diameter bars	Kg	86		
G	12mm diameter bars	Kg	101		
	<u>Sawn formwork to:-</u>				
H	Sides soffites of ring beams	Sm	20		
J	Side of column	Sm	12		
K	200 x 200 x 3000mm high fine dressed natural quarry stone walling in pier in cement and sand (1:3) mortar	No	6		
	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	10		
B	150 x 50 mm tie beam	Lm	64		
C	100 x 50 mm rafter	Lm	72		
D	100 x 50 mm strut /ties	Lm	112		
E	100 x 50 mm wall plate	Lm	18		
F	75 x 50mm purlins	Lm	121		
G	200 x 25 wrot cypress fascia board	Lm	26		
H	Knot prime stop and apply one under coat and two finishing coats of gloss paint too surface of timber 100-200mm girth	Lm	26		
	<u>Roof Cover</u>				
J	28 Gauge MRM Blue Box Profile sheet roof cover fixed onto purlins with rubber washer to match	Sm	119		
K	Ditto ridge cap	Lm	10		
L	100mm diameter x 2700 x 3mm thick RHS black pipe including welding 100 x 5mm thick U-shaped plate to	No	5		
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
	<p>ELEMENT NO. 4 DOORS</p> <p><u>Steel Door</u></p> <p>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</p> <p>Glazing</p> <p>B 4mm thick clear sheet glass panes over 0.1 but not exceeding 0.5m2</p>	<p>No</p> <p>Sm</p>	<p>1</p> <p>1</p>		
	<p><i>Total for Element No.4 (Doors)</i> <i>Carried to Summary</i></p>			<p>Ksh.</p>	

ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	ELEMENT NO. 5				
	<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	4		
B	Window overall size 1750 x 1200mm high with 2No. and opened 2No. Fixed light each size 450 x 1200mm high	No	3		
	<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	8		
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	9		
E	Prepare and apply 2coats of undercoats and one finishing coat of first quality gloss oil paint to surface of metal	Sm	8		
F	Ditto Externally	Sm	8		

	Total for Element No. 5(Windows)			Ksh.
	Carried to Summary			

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ITEM	DESCRIPTION	UNIT	QTTY	RATE	AMOUNT
	ELEMENT NO. 6				
	FINISHES				
	Walls				
	<u>Lime gauged (1:1:6) Plaster as described</u>				
A	12mm thick plaster in two coats to quarry stone walls internally	Sm	80		
B	Ditto reveals and jambs	Sm	3		
C	Prepare and apply three coats of first grade plastic emulsion paint on plastered surface	Sm	82		
	<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	68		
E	Ditto to reveals and jambs	Sm	4		
F	Prepare and apply three coats of first grade plastic emulsion paint on rendered surface	Sm	72		
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 black bituminous paint	No	1		
	<u>Keying</u>				
H	Pointing/jointing horizontal and vertical joints with black bituminous paint	Sm	40		
	<u>Floor</u>				
J	38mm thick cement and sand (1:3) screed to receive terrazzo floor finish	Sm	91		
L	20 x 3mm thick plastic dividing strip	Lm	80		

Floor Terrazo Finish				
K	20mm thick terrazzo paving to floor with approved (provisiona	Sm	91	
L	20 x 100mm high Ditto	Lm	32	
Total foe Element No.6 (Finishes)		Ksh.		
Carried to collection				

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

NPS/CLR/Page 9

ITEM	DESCRIPTION	AMOUNT (KSHS)
	<p data-bbox="212 936 602 968"><u>PROVISIONAL AND PRIME COST</u></p> <p data-bbox="191 1161 997 1220">A Allow for a prime cost sum of Kenya Shillings One hundred and twenty thousand electrical works</p>	<p data-bbox="1273 1161 1375 1192">50,000.00</p>
	<p data-bbox="212 1255 602 1287">TOTAL FOR PROVISIONAL SUMS</p> <p data-bbox="212 1287 505 1318">CARRIED TO SUMMARY</p>	<p data-bbox="1008 1255 1065 1287">Kshs</p> <p data-bbox="1273 1255 1375 1287">50,000.00</p>

ITEM	DESCRIPTION	FOR OFFICIAL USE	FOR CONTRACTOR'S USE
	<u>GRAND SUMMARY</u>		
A	Builder work from NPS/CLR/Page 9		
B	Provisinal sum from NPS/CLR/Page 10	50,000.00	
	Sub Total		
C	ADD V.A.T 16%		
C	Project Management By PMC	40,000.00	
D	Project Supervision	20,000.00	
E	Project Documentation	1,000.00	
F	Project Branding and Erection of Sign Post	20,000.00	
	GRAND TOTAL		
	CARRIED TO FORM OF TENDER		

Amount in Words Kenya Shillings :.....

Tenderer's Name: _____

Address: _____

Signature & Stamp: _____

Date: _____

Witness Name: _____

Address: _____

Signature: _____

Date: _____

