

TEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
	<b><u>PROPOSED 4 NO. DOOR PIT LATRINE AT RAPORA PRIMARY SCHOOL IN SUBA NORTH SUB COUNTY ELEMENT NO.1 SUBSTRUCTURE WORKS (ALL PROVISIONAL)</u></b>				
	<b><u>Excavation and Earthworks</u></b>				
	<b><u>Site clearance</u></b>				
A	Clear the site off grass, shrub and vegetation: cart away as directed	18	Sm		
B	Excavate soil average 200mm deep and cart away as directed	18	Sm		
C	Excavate oversite to reduce levels commencing from stripped level average 300mm deep and spread on site average 10 metres away	3	Cm		
D	Excavate foundation trenches commencing from reduced level but not exceeding 1.5mm deep	3	Cm		
E	Excavate for columns bases 1000x1000x300mm	2	Cm		
F	Excavate for pit starting from reduced level not exceeding 1.5m deep and cart away	6	Cm		
G	Ditto 1.5 - 3.0metres deep	6	Cm		
H	Ditto 3.0 - 4.5metres deep	6	Cm		
J	Ditto 4.5- 6 .0 metres deep	6	Cm		
K	Murram filling ,well waterd and compected in layer externally to stone pit wall	18	Cm		
L	300mm thick fill and ram imported materials under foundation	4	Cm		
M	Remove and cart away from site surplus excavated materials as directed	24	Cm		
	<b><u>Disposal of water</u></b>				
N	Keeping all excavation free from all water including spring or running water		Item		
	<b><u>Planking and strutting</u></b>				
P	Upholding the sides of all excavation		Item		
Q	150 x 50mm thick sawn timber	28	Lm		
R	Supply and lay GCI sheets 30 gauge x 2.0Lm (used)	8	Sm		
S	Water proof plaster to pit stone walling internally	58	Lm		
	<b><u>Carried to Collection</u></b>			<b>Kshs</b>	

TEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
	<b><u>Insecticide treatment</u></b>				
A	Treat surface of blinded hardcore with ALDREX "48" or TERMIDOR or GLADIATOR insecticide	3	Sm		
	<b><u>Concrete 50mm thick blinding</u></b>				
B	Ground beam	6	Cm		
C	Pit ground beam	5	Sm		
	<b><u>In situ vibrated reinforced concrete 20/20 class 1;2;4</u></b>				
D	Strip foundations and pit base foundation	3	Cm		
E	150mm thick bed	12	Sm		
F	Foundation pit columns	2	Cm		
G	Pit beam	1	Cm		
G	Leave or make hole through 150mm thick floor slab size 300x200mm wide	4	No		
	<b><u>Reinforcement bars to B.S 4469 in cold rolled square twisted bars as described complete with tying wires</u></b>				
H	8mm diameter bars	70	Kg		
J	10mm diameter bars	150	Kg		
K	12mm diameter bars	76	Kg		
	<b><u>Fabric B.S 4484</u></b>				
L	Reference A142 mesh 200x200mm weight 2.22kg per square metre (measured net - no allowance made for laps) including bends tying wire and spacer blocks	9	Sm		
	<b><u>Sawn formwork to insitu concrete as described:</u></b>				
M	Sides of beam and columns	24	Sm		
N	Edge of ground floor slab 75 - 150mm wide	14	Lm		
	<b><u>Walling</u></b>				
P	150mm thick approved local natural stone roughly dressed in foundation walling bedding and jointing in cement sand (1:3) mortar	8	Sm		
Q	Ditto in Pit walling reinforced with hoop iron	76	No		
R	300mm thick stone hardcore filling hand packed spread leveled and consolidated	1	Cm		
	<b><u>Damp proofing</u></b>				
S	500 gauge polythene sheeting DPM laid on prepared bed ready to receive concrete	12	Sm		

Carried to Collection

Kshs

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TEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
A	300mm thick murrum blinding well compacted in layers 150mm thick to receive slab concrete	4	Cm		
B	150mm UPVC vent pipe	2.5	Lm		
C	Ditto elbow	1	No		
D	Balloon grafting	2	No		
E	Ditto to squatting pan ditto	1	No		
F	Ditto to inspection lid eye cover ditto	1	No		
	<b><u>Plinth finishes</u></b>				
G	15mm thick cement and sand (1:3) rendering trowelled smooth to plinth area	14	Sm		
H	Prepare and apply two coats of black bituminous paint to rendered wall	14	Sm		
	<b>Carried to Collection</b>			Kshs.	
	<b><u>COLLECTIONS</u></b>				
	Brought forward from RPS/PTL/Page - 1			Kshs.	
	Brought forward from RPS/PTL/Page - 2			Kshs.	
	Brought down from above			Kshs.	
	<b>Total for Element No.1(Substructure)</b>			Kshs.	
	<b>Carried to Summary</b>				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.2</u></b>				
	<b><u>SUPERSTRUCTURE WORKS</u></b>				
	<b><u>Walling</u></b>				
	<b><u>Quary stone walling in cement and sand (1:4)</u></b> <b><u>mortar reinforced with 20swgx25mm wide hoop iron in every</u></b> <b><u>4 courses</u></b>				
A	150mm thick walls	44	Sm		
	<b><u>Horizontal Damp Proof course</u></b>				
B	150mm wide Hessian based bitumen felt as DPC weighing not less than 3.8kg/m in one layer and including levelling and bedding in cement and sand (1:3) mortar	16	Lm		
C	Copping for 150mm thick	6	Lm		

Total for Element No.2(Superstructure works) Carried to Summary			Kshs.	
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TEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.3</u></b>				
	<b><u>ROOF WORKS</u></b>				
	<b><u>Construction</u></b>				
	<b><u>Sawn cypress site treated timber</u></b>				
A	100x50mm wall plate	11	Lm		
B	100x50mm rafters	14	Lm		
C	75x50mm purlins	22	Lm		
D	150x25mm wrot cypress fascia board	16	Lm		
E	Knot, prime, stop and supply one undercoat and two finishing coats of gloss oil paint to surfaces of timber 100 - 200mm girth	16	Lm		
	<b><u>Roof cover</u></b>				
F	28 G Box profile sheets blue in colour Manufactured by MRM	16	Sm		

Total for Element No.3 (Roof work) Carried to Summary			Kshs	

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TEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.4</u></b>				
	<b><u>OPENINGS</u></b>				
	<b><u>Timber Doors</u></b>				
A	Standard size battened softwood door shutters	4	No		
	<b><u>Wrot cypress</u></b>				
B	100X50mm rebated frame	18	Lm		
C	100x50mm transome	4	Lm		
	<b><u>Iron mongery</u></b>				
D	100mm steel butt hinges	8	Pcs		
E	150mm pad lock bolt	4	No		
F	150mm tower bolt	4	No		
G	Knot prime stop and apply three coats of first quality super gloss oil paint to surfaces of timber	10	Sm		
H	Ditto to surfaces of timber girth 0 - 100mm wide	28	Lm		
J	Mosquito proof gauze wire fixed onto timber frame as fanlight using timber beading	4	Sm		
K	Ditto but coffee tray wire ditto	4	Sm		
L	40x20mm timber beading fixed onto timber fanlight surround	9	Lm		
M	300x200mm cement sand ventilation blocks including coffee tray wire and mosquito gauze wire bedded in walls	4	No		

	<b>Total for Element No.4 (Openings)</b>			<b>Kshs</b>
	<b>Carried to Summary</b>			

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ITEM	DESCRIPTION	QTTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.5</u></b>				
	<b><u>FINISHES</u></b>				
	<b><u>Walls</u></b>				
	<b><u>Gauged cement, lime and sand plaster 1:1:6 as described</u></b>				
A	12mm thick gauged plaster in two coats to brick wall with smooth neat finish to walls internally	52	Sm		
B	Prepare and apply three coats of first grade plastic emulsion paint on plastered walls internally	52	Sm		
	<b><u>Cement and sand (1:4) render as described</u></b>				
C	12mm thick cement sand rendering to surfaces of walls finished with wood float	11	Sm		
D	Ditto jambs	3	Sm		
E	Prepare and apply three coats of first grade plastic emulsion paint on rendered surfaces externally	14	Sm		
	<b><u>Floor</u></b>				
F	32mm thick cement and sand (1:3) screed finished smooth	12	Sm		
	<b><u>Keying</u></b>				
G	Pointing/jointing horizontal and vertical joint finished with black butimuous paint	24	Sm		

<b>Total for Element No.5(Finishes)</b>			<b>Kshs</b>	
<b>Carried to Summary</b>				

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TEM	DECSRIPTION	AMOUNT (KSHS.)
	<b><u>SUMMARY OF ELEMENTS</u></b>	
A	TOTAL FOR ELEMENT NO.1-SUBSTRUCTURE FROM RPS/PTL/Page-3	
B	TOTAL FOR ELEMENT NO.2-SUPERSTRUCTURE FROM RPS/PTL/Page-4	
C	TOTAL FOR ELEMENT NO.3-ROOF WORK FROM RPS/PTL/Page -5	
D	TOTAL FOR ELEMENT NO.4-OPENINGS FROM RPS/PTL/Page-6	
E	TOTAL FOR ELEMENT NO.5-FINISHES FROM RPS/PTL/Page-7	
	<b>TOTAL FOR BUILDER'S WORK CARRIED TO GRAND SUMMARY</b>	

RPS/PTL/Page-8

ITEM	DESCRIPTION	FOR OFFICIAL USE	FOR CONTRACTOR'S USE
<b><u>GRAND SUMMARY</u></b>			
A	<b>Builder work From RPS/PTL/Page-8</b>		
<b>Sub Total</b>			
C	<b>V.A.T 16% INCLUSIVE</b>		
C	Project Management By PMC	30,000.00	
D	Project Supervision	15,000.00	
E	Project Documentation	1,000.00	
F	Project Branding and Erection of Sign Post	20,000.00	
<b>GRAND TOTAL</b>			
<b>CARRIED TO FORM OF TENDER</b>			

*Amount in Words Kenya Shillings:.....*

**Tenderer's Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Signature & Stamp:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Witness Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

\_\_\_\_\_

| **Pre-cast concrete 1:2:4 paving slab** |  
F Lay pre cast concrete slabs 600x600x50mm thick laid on 50mm