

ITEM	DESCRIPTION	QTTY	UNIT	RATE
	<u>PROPOSED 4 NO. DOOR PIT LATRINE AT NYASANJA PRIMARY SCHOOL IN SUBA NORTH SUB COUNTY</u>			
	<u>ELEMENT NO.1</u>			
	<u>SUBSTRUCTURE WORKS (ALL PROVISIONAL)</u>			
	<u>Excavation and Earthworks</u>			
	<u>Site clearance</u>			
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	
	<u>Disposal of water</u>			
N	Keeping all excavation free from all water including spring or running water		Item	
	<u>Planking and strutting</u>			
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	
Carried to Collection				Kshs

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ITEM	DESCRIPTION	QTTY	UNIT	RATE
	<u>Insecticide treatment</u>			
A	Treat surface of blinded hardcore with ALDREX "48" or TERMIDOR or GLADIATOR insecticide	3	Sm	
	<u>Concrete 50mm thick blinding</u>			
B	Ground beam	6	Cm	
C	Pit ground beam	5	Sm	
	<u>Concrete works</u>			
	<u>Insitu vibrated reinforced concrete 20/20 class 1;2;4</u>			
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	
	<u>Reinforcement bars to B.S 4469 in cold rolled square twisted bars as described complete with tying wires</u>			
H	8mm diameter bars	70	Kg	
J	10mm diameter bars	150	Kg	
K	12mm diameter bars	76	Kg	
	<u>Fabric B.S 4484</u>			
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	

<u>Sawn formwork to insitu concrete as described:</u>			
M	Sides of beam and columns	24	Sm
N	Edge of ground floor slab 75 - 150mm wide	14	Lm
<u>Walling</u>			
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
<u>Damp proofing</u>			
S	500 gauge polythene sheeting DPM laid on prepared bed ready to receive concrete	12	Sm
Carried to Collection			Kshs

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ITEM	DESCRIPTION	QTTY	UNIT	RATE
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	
<u>Plinth finishes</u>				
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	
	Carried to Collection			Kshs.
	<u>COLLECTIONS</u>			
	Brought forward from NPS/PTL/Page - 1			Kshs.
	Brought forward from NPS/PTL/Page - 2			Kshs.
	Brought down from above			Kshs.
	Total for Element No.1(Substructure)			Kshs.
	Carried to Summary			

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ITEM	DESCRIPTION	QTTY	UNIT	RATE
	<u>ELEMENT NO.2</u>			
	<u>SUPERSTRUCTURE WORKS</u>			
	<u>Walling</u>			
	<u>Quary stone walling in cement and sand (1:4) mortar reinforced with 20swgx25mm wide hoop iron in every 4 courses</u>			
A	150mm thick walls	44	Sm	
	<u>Horizontal Damp Proof course</u>			
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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ITEM	DESCRIPTION	QTTY	UNIT	RATE
	<u>ELEMENT NO.3</u>			
	<u>ROOF WORKS</u>			
	<u>Construction</u>			
	<u>Sawn cypress site treated timber</u>			
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	
	<u>Roof cover</u>			
F	28 G Box profile sheets blue in colour Manufactured by MRM	16	Sm	
Total for Element No.3 (Roof work)				Kshs
Carried to Summary				

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ITEM	DESCRIPTION	QTTY	UNIT	RATE
	<u>ELEMENT NO.4</u>			
	<u>OPENINGS</u>			
	<u>Timber Doors</u>			
A	Standard size battened softwood door shutters	4	No	

	<u>Wrot cypress</u>			
B	100X50mm rebated frame	18	Lm	
C	100x50mm transome	4	Lm	
	<u>Iron mongery</u>			
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	
	Total for Element No.4 (Openings)			Kshs
	Carried to Summary			

ITEM	DESCRIPTION	QTTY	UNIT	RATE
	<u>ELEMENT NO.5</u>			
	<u>FINISHES</u>			
	<u>Walls</u>			

	<u>Gauged cement, lime and sand plaster 1:1:6 as described</u>			
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	
	<u>Cement and sand (1:4) render as described</u>			
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	
	<u>Floor</u>			
F	32mm thick cement and sand (1:3) screed finished smooth	12	Sm	
	<u>Keying</u>			
G	Pointing/jointing horizontal and vertical joint finished with black butimuous paint	24	Sm	
	Total for Element No.5(Finishes)			Kshs
	Carried to Summary			

ITEM	DECSRIPTION	
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SUMMARY OF ELEMENTS

A TOTAL FOR ELEMENT NO.1-SUBSTRUCTURE FROM NPS/PTL/Page-3

B TOTAL FOR ELEMENT NO.2-SUPERSTRUCTURE FROM NPS/PTL/Page-4

C TOTAL FOR ELEMENT NO.3-ROOF WORK FROM NPS/PTL/Page -5

D TOTAL FOR ELEMENT NO.4-OPENINGS FROM NPS/PTL/Page-6

E TOTAL FOR ELEMENT NO.5-FINISHES FROM NPS/PTL/Page-7

**TOTAL FOR BUILDER'S WORK
CARRIED TO GRAND SUMMARY**

NPS/PTL/Page-8

ITEM	DESCRIPTION	FOR OFFICIAL USE	FOR CONTRA USE
<u>GRAND SUMMARY</u>			
A	Builder work From NPS/PTL/Page-8		

	Sub Total	-
C	V.A.T 16% INCLUSIVE	
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
GRAND TOTAL		
CARRIED TO FORM OF TENDER		

Amount in Words Kenya Shillings:.....

Tenderer's Name: _____

Address: _____

Signature & Stamp: _____

Date: _____

Witness Name: _____

Address: _____

Signature: _____

Date: _____

AMOUNT

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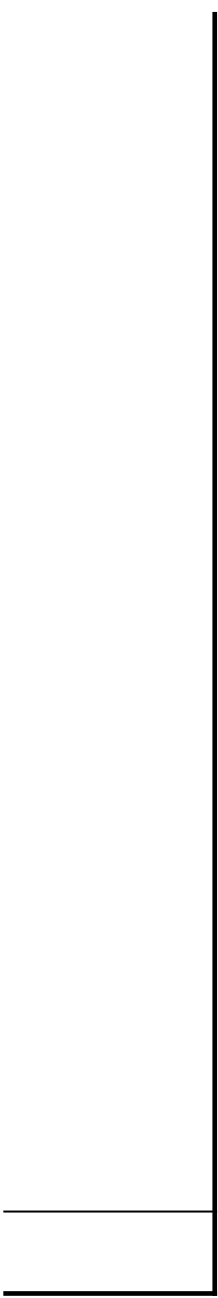
AMOUNT

	Pre-cast concrete 1:2:4 paving slab			
F	Lay pre cast concrete slabs 600x600x50mm thick laid on			
	thick concrete	8	Sm	400
	to a fall including all necessary excavations and appropriate			3,200.00
	anti-termite treatment			

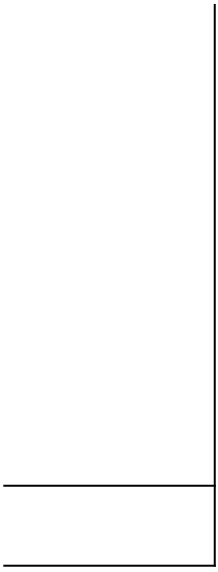
AMOUNT

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AMOUNT (KSHS.)



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