

PROPOSED ABLUTION BLOCK AT
RUIRU SUB-COUNTY HEADQUARTERS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURES (ALL PROVISIONAL)</u>				
	<u>Site clearance</u>				
A	Clear the site off grass, shrubs and all vegetation; cart away as directed	40	sm		
B	Excavate vegetable soil average 200mm deep and cart away as directed	32	sm		
	<u>Excavation</u>				
C	Excavate oversite to reduce levels commencing from stripped level average 300mm deep and spread on site av. 10 meters away	24	cm		
D	Excavate for strip foundation starting from reduced level not exceeding 1.50 meters deep and cart away as directed	24	cm		
E	Extra over excavation for excavating in rock.	1	cm		
F	Return, fill-in and rum selected excavated material	14	cm		
G	Remove and cart away from site surplus excavated material as directed	23	cm		
	<u>Diposal of water</u>				
H	Keeping all excavations free from all water including spring or running water		Item		
	<u>Planking and strutting</u>				
J	Uphold the sides of all excavations		Item		
	<u>Filling</u>				
K	Hardcore filling in making up levels exceeding 250mm thick, depositing and compacting in layers of 125mm maximum thickness	9	cm		
L	50mm thick murrum blinding to surfaces of fill	16	sm		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUBSTRUCTURES (ALL PROVISIONAL) CTD				
	<u>Antitermite treatment</u>				
A	TERMIDOR' or other equal and approved insecticide with a ten-years guarantee to surfaces of fill and tops of foundations	28	sm		
	<u>Concrete</u>				
B	50mm thick mass concrete class Q (1:3:6) to bottoms of foundations	4	cm		
	<u>Insitu concrete; reinforced; class 20 / (20mm); vibrated</u>				
C	Foundations in trenches irrespective of thickness	4	cm		
D	150mm thick bed	28	sm		
	<u>Reinforcement</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>				
E	Assorted bars	70	kg		
	<u>Fabric; B.S. 4483</u>				
F	Reference A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net - no allowance made for laps(including bends, tying wire and distance blocks	28	sm		
	Carried to collection				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Sawn formwork to insitu concrete as described:-</u>				
A	To sides of strip foundations.	9	sm		
B	Edges of ground floor slab; 75 to 150mm wide	6	lm		
	<u>Walling</u>				
C	225mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar	40	sm		
	<u>Damp proofing</u>				
D	Polythene; 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding	26	m		
E	200mm wide; B.S. 743 Type A bitumen hessian base 150 mm laps (no allowance made for laps); horizontal, 1 no. layer, bedded in cement sand (1:3) mortar	11	lm		
	<u>Insitu finishings</u>				
F	14mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or blockwork base to walls; external	18	lm		
	<u>Prepare and apply three coats black bituminous paint on:-</u>				
G	Rendered plinths, externally.	18	sm		
Carried to collection					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>COLLECTION</u></p> <p>From page RIR/1</p> <p>From page RIR/2</p> <p>From page RIR/3</p>				
	TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>ROOFING</u>				
	<u>Pre-painted IT5 profile roofing sheet fixed, with and including 100mm long galvanised hook bolts / 100mm long galvanised roofing nails c/w washers on steel / timber purlins (ms) with one and a half corrugation side lap and 150mm end laps</u>				
A	28 Gauge roof covering not exceeding 45 degrees from horizontal including all necessary fixtures	50	sm		
B	Matching Ridge cap and ridge valleys	9	lm		
	<u>Structural timbers, sawn cypress pressure impregnated as described</u>				
	<u>The following Timber Trusses including hoisting and fixing in position approx 2700mm aboveground floor including all necessary jointing and replacement of damaged timber members</u>				
C	100x50mm rafters	80	lm		
D	75x50mm purlins, ties & struts	240	lm		
	Carried to collection				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 3</u>				
	<u>EXTERNAL, INTERNAL WALLING & CONCRETE WORK</u>				
	<u>NATURAL STONE WALLING</u>				
A	150 mm thick approved local; machine cut; bedding, jointing and pointing in cement sand (1:3) mortar	80	sm		
B	Ditto 100mm	20	sm		
	Concrete work				
	<i>Reinforced concrete 1:2:4, as described in:-</i>				
C	Ring beam	2	cm		
	<i>Square twisted mild steel reinforcement to B.S. 4461 in structural concrete work</i>				
D	Assorted bars	50	kgs		
TOTAL FOR EXTERNAL & INTERNAL WALLING CARRIED TO SUMMARY					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 4</u> <u>DOORS</u>				
	<i>Flush Doors</i> <u>45mm thick solid core flush door faced on both sides with</u> <u>3mm internal painting quality mahogany veneer and lipped on</u> <u>all edges including rebated mahogany timber frame,</u> <u>architrave, quadrant biding and all iron mongery.</u>				
A	Door size 900 x2100 mm high	4	No.		
B	Door size 1200x2100 mm high double door	1	No		
	<u>Hard wood Doors</u> <u>50mm thick mahogany door overall with 4 fielded and raised</u> <u>panels</u>				
C	Door size 900x2100mm high	2	no		
	<u>Door Frames</u>				
D	150x50mm hardwood door frame	5	lm		
E	32mm Quadrant	5	lm		
F	50x20mm Architrave	5	lm		
	<u>Iron Mongery</u>				
H	2 lever door mortice lock with lever furniture	7	no		
J	100mm Brass hinges	7	prs		
K	100mm long door stopper screwed to concrete floor	7	no		
	<u>Painting and decorations</u> <u>Prepare and apply three coats of first quality gloss oil</u> <u>paint to: -</u>				
L	Wooden Surfaces	14	sm		
<i>Carried to Summary</i>					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENNT No. 5				
	WINDOWS				
	Steel casement				
	<u>Supply and fix casement windows; heavy duty standard hollow or angle sections; frames mitred at corners including reinforcing cleats and buglars with and including all necessary ironmongery; fixing with steel screws; plugging or fixing to walls; sealing with mastic; oiling and adjusting on completion; all in accordance with referenced</u>				
A	Window size 500x900mm high	6	No		
B	Window size 1200x900mm high	2	No		
	Glazing				
C	4mm thick clear glass fixed with approved glass putty	5	sm		
	Carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 6				
	FINISHES				
	<u>Wall finishes</u>				
	<i><u>In situ cement and sand (1:3) screeded beds,</u></i>				
A	32mm wood floated to receive ceramic tiles	90	sm		
B	150X150X6mm thick wall tiles	90	sm		
	<i><u>In situ cement and sand (1:3) mortar, with steel trowelled finish on concrete as described to:-</u></i>				
C	External gamble ends	5	sm		
	<u>Painting and decorations</u>				
	<u>Prepare and apply three coats of first quality plastic emulsion paint to: -</u>				
D	External gamble ends	5	sm		
	<u>Floor finishes</u>				
	<i><u>In situ cement and sand (1:3) screeded beds</u></i>				
E	32mm wood floated to receive ceramic tiles	30	sm		
	<i><u>Approved coloured non-slip ceramic tiles and joint and point with matching cement and sand (1:3) mortar as described</u></i>				
F	300x300x8mm thick in general floors	30	sm		
	<u>Ceiling Finishes</u>				
G	12.5 mm thick chipboard ceiling laid on approved backing including timber brandering	30	sm		
H	100 x 25 mm T & G softwood timber boarding to eaves; nailed to and including 50 x 25 mm timber brandering	18	sm		
	<u>Prepare and apply three coats of super gloss oil paint on:-</u>				
J	Suspended ceiling boards	30	sm		
K	Apply two coats varnish to surfaces of T&G eaves	18	sm		
	<i>Total Finishes carried to summary</i>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	
	<u>SUMMARY</u>				
ELEMENT NO.	TITLE		PAGE NO.	K.SHS.	
1	SUBSTRUCTURES		RIR/4		
2	ROOFING		RIR / 7		
3	WALLING		RIR / 8		
4	DOORS		RIR/9		
5	WINDOWS		RIR/10		
6	FINISHES		RIR/11		
	SUM/1				
TOTAL FOR BUILDERS WORK CARRIED TO GRAND SUMMARY					

ITEM	DESCRIPTION	QYT	UNIT	RATE	AMOUNT
	<p data-bbox="237 216 509 243">PROVIISIONAL SUMS</p> <p data-bbox="175 279 789 373">A Allow a Provisional Sum of Kenya Shillings Fifty Thousand (Kshs 50,000.00) only for project management</p> <p data-bbox="175 411 797 506">B Allow a Provisional Sum of Kenya Shillings One Hundred and Fifty Thousand (Kshs 150,000.00) only for Contigencies</p> <p data-bbox="175 543 846 638">C Allow a Provisional Sum of Kenya Shillings One Hundred and Fifty Thousand (Kshs 150,000.00) only for Electrical installation.</p> <p data-bbox="175 676 802 770">D Allow a Provisional Sum of Kenya Shillings Four Hundred and Fifty Thousand (Kshs 400,000.00) only for Mechanical works</p> <p data-bbox="139 808 797 903">E Allow a Provisional Sum of Kenya Shillings Two Hundred and Fifty Thousand (Kshs 250,000.00) only for Landscaping</p> <p data-bbox="516 1787 570 1814" style="text-align: right;">PS/!</p>				
	Total Carried to Grand Summary				

Item	Description	Amount	Official Use Only
<u>GRAND SUMMARY</u>			
A	Total for Preliminaries GP/19		
B	Total for Builders work SUM/1		
C	Total for Provisional Sum PS/1		
Total Carried to Form of Tender			

Amount in Words:

Tenderers Stamp:

Signature:Date:.....

Witness:

Address:

Signature:Date.....