

# REPUBLIC OF KENYA



## COUNTY GOVERNMENT OF NYANDARUA

### DEPARTMENT OF TRANSPORT, ENERGY & PUBLIC WORKS

PROPOSED COMPLETION OF HUHOINI CHIEF'S OFFICE HALL

FOR

### N.G-C.D.F OLJORO-OROK CONSTITUENCY

## Bills of Quantities

**ARCHITECT,**

COUNTY ARCHITECT,  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 82,  
NYAHURURU.

**QUANTITY SURVEYOR,**

COUNTY QUANTITY SURVEYOR,  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 82,  
NYAHURURU.

**ELEC/MECH ENGINEER**

COUNTY ELEC / MECH. ENGINEER,  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 82,  
NYAHURURU.

**STRUCTURAL ENGINEER,**

COUNTY ENGINEER - STRUCTURAL  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 82,  
NYAHURURU.

**FORM OF TENDER**

TO: \_\_\_\_\_ [Date] \_\_\_\_\_

Dear Sir,

- 1 In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of Kshs. \_\_\_\_\_ [Amount in figures] Kenya Shillings \_\_\_\_\_  
\_\_\_\_\_ [Amount in words]
- 2 We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager’s notice to commence, and to complete the whole of the Works comprised in the Contract within \_\_\_\_\_ Weeks
- 3 We agree to abide by this tender until **120 days from date of tender**, and it shall remain binding upon us and may be accepted at any time before end of the said days
- 4 Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
- 5 We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

Signature \_\_\_\_\_ in the capacity of \_\_\_\_\_

Duly authorized to sign tenders for and on behalf of  
\_\_\_\_\_ [Name of the Tenderer]  
of \_\_\_\_\_ [Address of the tenderer]

Witness; Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

# **BUILDER'S WORKS**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>SUBSTRUCTURES.</u></b>				
	<u>Site clearance</u>				
A	Clear the site off grass, shrubs and all vegetation; cart away as directed	105	sm	100	10,500.00
	<u>Oversite Excavation</u>				
B	Excavate oversite to remove top vegetable soil average 150mm deep and remove from site	105	sm	100	10,500.00
	<u>Excavation</u>				
C	Excavate oversite to reduce levels commencing from stripped level not exceeding 1.50 meters	37	cm	250	9,250.00
D	Excavate foundation trench commencing from stripped level not exceeding 1.50 meters	68	cm	250	17,000.00
E	Excavate pits for column/pier bases starting from ground level not exceeding 1.50 meters	2	cm	500	1,000.00
F	Extra over for excavating in rock; irrespective of depth or hardness	2	cm	1400	2,800.00
G	Return, fill-in and rum selected excavated materials around foundations	52	cm	300	15,600.00
H	Remove and cart away from site surplus excavated material as directed	15	cm	500	7,500.00
	<u>Diposal of water</u>				
K	Keeping all excavations free from all water including spring or running water		Item		5,000.00
	<u>Planking and strutting</u>				
I	Uphold the sides of all excavations		Item		5,000.00
	<b><i>Carried to collection</i></b>				<b>84,150.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Filling</u>				
A	Hardcore filling in making up levels; handpacked, exceeding 300mm thick depositing and compacting in layers of 150mm maximum thickness.	32	cm	700	22,400.00
B	50mm thick murrum blinding to surfaces of fill	90	sm	150	13,500.00
	<u>Antitermite treatment</u>				
C	TERMIDOR' or other equal and approved insecticide with a ten-years guarantee to surfaces of fill and tops of foundations	90	sm	400	36,000.00
	<u>Concrete</u>				
D	50mm thick mass concrete class Q (1:3:6) to bottoms of foundations	62	sm	500	31,000.00
	<u>In situ concrete; reinforced; class 20 / (20mm); vibrated</u>				
E	Foundations in trenches irrespective of thickness	5	cm	11200	56,000.00
F	Column bases	1	cm	13000	13,000.00
G	150mm thick bed	90	sm	1800	162,000.00
	<u>Reinforcement</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>				
F	10mm bars	78	kg	200	15,600.00
G	8mm bars	58	kg	200	11,600.00
	<u>Fabric BS 4483</u>				
H	Reference A142 mesh 200 x 200mm, weighing 2.22kgs per square metre	90	sm	350	31,500.00
	<u>Sawn formwork to insitu concrete as described:-</u>				
I	To sides; vertical or battering of strip foundations.	17	sm	300	5,100.00
J	To sides of column bases	2	sm	300	600.00
K	Edges of ground floor slab; 75 to 150mm wide	28	lm	200	5,600.00
	<b><i>Carried to collection</i></b>				<b>403,900.00</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.4</u></b>				
	<b><u>ROOFING</u></b>				
	<u>Galvanized corrugated IT5 Sheet roofing; 28 gauge;Pre-painted</u>				
A	Roof covering not exceeding 45 <sup>0</sup> from horizontal;fixing to timber structure (m/s) with roofing nails and neoprene washers.	126	sm	700	88,200.00
	<u>Accessories; fixing as necessary</u>				
B	150mm Diameter half round ridge cap	10	lm	350	3,500.00
	<b><u>CARPENTRY</u></b>				
	<u>The following in 6No. sawn celcured cypress timber trusses, nailed connections; hoisting 3m above ground and spanning 9.90m</u>				
D	150 x 50mm rafters	43	lm	320	13,760.00
E	150 x 50mm kingpost	102	lm	320	32,640.00
F	100 x 50mm struts and ties	58	lm	230	13,340.00
G	150 x 25mm splice plate	20	lm	230	4,600.00
H	100 x 50mm wall plate rag-bolted at 1200mm centres with 12mm diameter bolts (ms)	28	1m	230	6,440.00
I	200 x 40mm ridge board	10	1m	330	3,300.00
J	75 x 50mm purlins	87	1m	130	11,310.00
	<u>Wrot cypress, prime grade</u>				
K	200 x 25mm thick fascia /barge board	36	lm	260	9,360.00
	<u>Painting and Decorations</u>				
	<u>On Woodwork</u>				
	<u>Knot prime and stop; prepare and apply one undercoat and two coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-</u>				
L	Fascias; 200 to 300mm girth; external	36	lm	60	2,160.00
<b>TOTAL FOR ROOFING CARRIED TO SUMMARY</b>					<b>188,610.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 5</u></b> <b><u>OPENINGS</u></b>				
	<u>Doors and Gates</u> <u>Purpose made mild steel casement doors in small panes; with and including 20 x 50mm burglar proof flats welded to door; all welding ground smooth</u>				
A	Double door; overall size 1500 x 2400mm high, with two openable leaves size 900 x 2100 and 600 x 2100mm high; 3 pairs 150mm long purpose made hinges and all necessary iron mongery	1	No.	5000	5,000.00
	<u>PURPOSE MADE UNITS</u> <u>Supply, assemble and fix the following purpose-made mild steel casement windows in small panes of 300 x 200mm standard metal section from approved manufacturer complete with frames, transomes, mullions and approved ironmongery; all welding ground smooth</u>				
B	Window, overall size 1750 x 1700mm high	4	No	3000	12,000.00
C	Window; overall size 1750 x 900mm high	3	No.	3000	9,000.00
	<u>Glazing</u>				
D	4mm thick clear glass panes; fixing with rubber	13	sm	200	2,600.00
	<u>Iron mongery</u> <u>Supply and fix the following to UNION catalogue or other equal and approved</u>  <i>To metal surfaces or the like welding or fixing with rivets</i>				
E	200mm diameter steel purpose-made D handles	1	No	300	300.00
G	4 lever steel door lock to steel metal	1	No	580	580.00
H	Rubber door stop complete with 38mm rawl bolt	2	No	100	200.00
	<u>Prepare and apply one coat etching primer, one undercoat and two coats gloss oil paint to Crown Solo or other equal and approved to: -</u>				
I	General surfaces of metal casement doors and windows; over 300mm girth internal	28	sm	150	4,200.00
<b>TOTAL FOR OPENINGS CARRIED TO SUMMARY</b>					<b>33,880.00</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.6</u></b>				
	<b><u>FINISHES</u></b>				
	<b><u>WALL FINISHES</u></b>				
	<u>Render; cement and sand (1:3)</u>				
A	18mm thick one coat backings; wood floated to concrete or blockwork base; beams and wall; external	24	sm	400	9,600.00
	<u>Plaster; 12mm thick 2 No. coatwork, 9mm first coat of cement sand (1:6); 3mm second coat of cement and lime putty (1:10); steel trowelled to concrete or blockwork base generally to: -</u>				
B	Walls; internal	191	sm	200	38,200.00
	<b><u>FLOOR FINISHES</u></b>				
	<u>Screed; cement and sand (1:3) coloured</u>				
C	40mm thick red oxide screed to concrete or blockwork base generally to floors level; internal	90	sm	320	28,800.00
D	100mm wide skirting; rounded junction with wall finish and coved junction with floor finish	40	lm	40	1,600.00
	<b><u>Painting and Decorations</u></b>				
	<u>Prepare surfaces and apply one undercoat and three coats of first quality emulsion paint to the following surfaces:-</u>				
E	To walls internally	191	sm	200	38,200.00
F	To beams and walls; externally	24	sm	200	4,800.00
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				<b>121,200.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b><u>SUMMARY PAGE</u></b>					K.SHS.
1	SUBSTRUCTURES (ALL PROVISIONAL)		PT / 6	488,050.00	
4	ROOFING.		PT / 9	188,610.00	
5	OPENINGS		PT / 10	33,880.00	
6	FINISHES		PT / 11	121,200.00	
<b>TOTAL FOR BUILDER'S WORKS</b>					<b>831,740.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
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**PC & PROVISIONAL SUMS**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.6</u>				
	<u>PROVISIONAL SUMS</u>				
	<u>The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required</u>				
A	Allow a provisional sum of Kshs Fifteen Thousand Only for Project Supervision expenses		ITEM		15,000.00
B	Allow a provisional sum of Kshs Twenty Thousand Only for Project Management Committee expenses		ITEM		20,000.00
C	Allow a provisional sum of Kshs Five Thousand Only for labelling		ITEM		5,000.00
D	Allow a provisional sum of Kenya shillings Thirty Thousand Only for Contingencies		ITEM		30,000.00
<b>TOTAL FOR PROVISIONAL SUMS CARRIED TO SUMMARY</b>					<b>70,000.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
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**GRAND SUMMARY PAGE**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b><u>GRAND SUMMARY PAGE</u></b>					K.SHS.
1	BUILDERS WORKS			PT /12	831,740.00
2	P.C AND PROVISIONAL SUMS			PT / 14	<b>70,000.00</b>
	<i>Sub total</i>				901,740.00
	<b>TOTAL CARRIED TO FORM OF TENDER</b>				<b>901,740.00</b>

Amount of tender in words: Kenya Shillings:.....

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Tenderer's signature and stamp:.....

Address:.....

Date:.....

Witness: Name and signature.....

Address:.....

Date:.....