

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF NYANDARUA

DEPARTMENT OF TRANSPORT, ENERGY & PUBLIC WORKS

PROPOSED PARTIAL CONSTRUCTION OF DCC's OFFICE

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.

**SEPTEMBER, 2023**

COUNTY WORKS OFFICER  
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 \_\_\_\_\_

# **BUILDING WORKS**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>PROPOSED DCC OFFICE</u></b>				
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURES</u>				
	<u>Oversite excavation</u>				
A	Excavate oversite to remove top soil average 200mm deep and keep on site for later re-use for landscaping	420	sm	100	42,000.00
	<u>Excavations</u>				
B	Excavate oversite to reduce levels commencing from stripped level average 300mm deep and spread on site av. 10 meters away	320	cm	450	144,000.00
C	Excavate for strip foundation starting from reduced level not exceeding 1.50 meters deep and cart away as directed	320	cm	450	144,000.00
D	Ditto exceeding 1.50 meters but not exceeding 3.0m	320	cm	450	144,000.00
E	Ditto for column/pier bases starting from reduced level not exceeding 1.50 meters deep.	320	cm	480	153,600.00
F	Ditto exceeding 1.50 meters but not exceeding 3.0m deep.	24	cm	300	7,200.00
G	Return, fill-in and rum selected excavated material	2450	cm	140	343,000.00
H	Remove and cart away from site surplus excavated material as directed	1150	cm	420	483,000.00
	<u>Diposal of water</u>				
I	Keeping all excavations free from all water including spring or running water		Item		30,000.00
	<u>Planking and strutting</u>				
J	Uphold the sides of all excavations		Item		30,000.00
	<u>Filling</u>				
K	Hardcore filling in making up levels, not exceeding 300mm thick in layers of 150mm maximum thickness	420	sm	800	336,000.00
L	50mm (average) thick quarry dust blinding to surfaces of hardcore	420	sm	150	63,000.00
	<i>Carried to collection</i>				1,919,800.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Antitermite treatment</u>				
A	Premise 200 SC' or other equal and approved anti-termite insecticide treatment with ten years guarantee, applied strictly in accordance with manufacturer's instructions, to tops of fill and foundation walls	420	sm	390	163,800.00
	<u>Concrete</u>				
B	50mm thick mass concrete class Q (1:4:8) to bottoms of foundations	500	sm	600	300,000.00
	<u>In situ concrete; reinforced; class 20 / (20mm); vibrated</u>				
C	Foundations in trenches irrespective of thickness	48	cm	17000	816,000.00
D	Column/pier bases	18	cm	17000	306,000.00
E	150mm thick bed	420	sm	2650	1,113,000.00
F	Extra-over thickening to underside bed size 100mm thick average 200mm, forming sinking in hardcore, dressing polythene sheeting to profile.	68	lm	1100	74,800.00
	<u>Reinforcement</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>				
G	10mm bars	3586	kg	200	717,200.00
H	8mm bars	2960	kg	200	592,000.00
	<u>Fabric; B.S. 4483</u>				
I	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	420	sm	580	243,600.00
	<u>Sawn formwork to insitu concrete as described:-</u>				
J	To sides; vertical or battering of strip foundations.	186	sm	500	93,000.00
K	Edges of ground floor slab; 75 to 150mm wide	158	lm	140	22,120.00
	<u>Walling</u>				
L	200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar	420	sm	1200	504,000.00
	<i>Carried to collection</i>				4,945,520.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	200 x 400mm thick piers <u>Damp proofing</u>	42	lm	420	17,640.00
B	Polythene; 500 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding <u>Flexcell expansion joint.</u>	420	sm	490	205,800.00
C	200mm wide x 25mm thick in piers.*	3	lm	400	1,200.00
D	25mm thick in walls.* <u>Insitu Finishings</u>	2	sm	350	700.00
E	14mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or blockwork base to walls; <u>Painting and Decorations</u> <u>Prepare and apply three coats bituminous paint to:</u>	136	sm	560	76,160.00
F	Wood floated rendered plinths over 300mm girth	136	sm	380	51,680.00
	<i>Carried to collection</i>				353,180.00
	<b><u>COLLECTION</u></b>				
	From page DM / 1				1,919,800.00
	From page DM / 2				4,945,520.00
	From above				353,180.00
	<b>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</b>				7,218,500.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>FRAME</u>				
	<u>RING BEAM</u>				
	<u>Insitu concrete; reinforced; class 20 / (20mm); vibrated</u>				
A	Beams	20	cm	17000	340,000.00
	<u>Reinforcement</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461</u> <u>including bends, hooks, tying wire and distance blocks</u>				
B	12mm bars	1186	kg	200	237,200.00
C	8mm bars	975	kg	200	195,000.00
	<u>Sawn formwork to insitu concrete as described:-</u>				
D	To sides and soffits of beams	420	sm	500	210,000.00
TOTAL FOR FRAME CARRIED TO SUMMARY					982,200.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.3</u>				
	<u>WALLING</u>				
A	200 mm wide approved quality 3-ply bituminous felt damp proof course under walls	229	sm	450	103,050.00
B	100mm thick ditto	59	sm	300	17,700.00
	<u>NATURAL STONE WALLING</u>				
	<u>EXTERNAL</u>				
	<u>Smooth chisel dressed quarry stone walling bedded and jointed in cement and sand mortar (1:4) with and including 16 gauge hooping iron at every alternate course</u>				
C	200mm thick walls	589	sm	2400	1,413,600.00
E	Eaves filling 200mm thick wall extreme height 300mm	135	lm	470	63,450.00
	<b>TOTAL FOR WALLING CARRIED TO SUMMARY</b>				1,597,800.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY</u>				
ELEMENT NO.	TITLE		PAGE NO.	K.SHS.	
1	SUBSTRUCTURE (ALL PROVISIONAL)		DM / 3		7,218,500.00
2	FRAME		DM / 4		982,200.00
3	WALLING		DM / 5		1,597,800.00
<b>TOTAL FOR BUILDER'S WORKS TO GRAND SUMMARY</b>					9,798,500.00

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

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><b><u>PROVISIONAL SUMS</u></b></p> <p><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></p> <p>A Allow a provisional sum of Kenya one hundred and fifty thousand (150,000.00) only for Project Management expenses</p> <p>B Allow a provisional sum of Kenya shillings one hundred thousand (100,000.00) only for Contingencies</p>		ITEM		150,000.00
	<b>TOTAL FOR PROVISIONAL SUMS CARRIED TO GRAND SUMMARY</b>				<b>250,000.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<h1>GRAND SUMMARY</h1>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
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**PROPOSED PARTIAL CONSTRUCTION OF NGANO DCC OFFICE**

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR TENDERER	FOR OFFICIAL USE
			KSHS.	KSHS.
A	BUILDER'S WORKS	PT / 20		9,798,500.00
B	PROVISIONAL SUMS	PT / 34		250,000.00
<i>N/B ALL ITEMS ARE V.A.T INCLUSIVE</i>				
<b>TOTAL TO BE CARRIED TO FORM OF TENDER</b>			-	<b>10,048,500.00</b>

Amount in words. Kenya shillings .....

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.....Cents .....

Tenderer's Signature and stamp.....

Address .....

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Date .....

Witness Signature .....

Address .....

.....

Date .....

COUNTY WORKS OFFICER  
 NYAMURURU COUNTY  
 P. O. BOX 12 NYAMURURU