

BILLS OF QUANTITIES FOR THE PROPOSED FENCING AND CAR SHED AT NG-CDF OFFICES - GATUNDU SOUTH

ITEM NO.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FENCING				
A	Clear the site about 1.5m wide along the perimeter of the proposed site.	200	LM	200	40,000.00
B	Allow for the site establishment of the beacons for the proposed site.		item		20,000.00
C	2.4m high x 14 gauge chain link complete with 12 1/2 Gauge Gauge x 6 strands galvanized barbed wire fencing with 100 x 125mm cranked precast concrete posts at 3.0m centres mortised in mass concrete surround.	200	LM	5,000	1,000,000.00
D	Extra over ditto for 100 x 100mm precast concrete struts 2600mm long mortised in mass concrete surround.	20	No.	3,500	70,000.00
E	Ditto for bending chainlink with mass concrete (1:3:6) at the bottom including all necessary excavations.	200	LM	500	100,000.00
Total for Fencing Carried to Grand Summary					1,230,000.00

**SUB-COUNTY WORKS OFFICER
P.O. BOX 504-01030
GATUNDU**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CAR SHED</u>				
	<u>ELEMENT NO.1</u>				
	<u>SUBSTRUCTURES</u>				
	<u>(ALL PROVISIONAL)</u>				
	<u>Excavations & Earthworks</u>				
A	Clear site of all shrubs and undergrowth including grubbing up of roots and	63	SM	100	6,300.00
B	Excavate to remove top soil average 150mm and store as directed by the	63	SM	150	9,450.00
C	Excavate for foundation trenches in normal soil depth exceeding 1.5 metres	35	CM	300	10,500.00
D	Extra over excavation for excavating in rock class 1 at any position	1	CM	1,300	1,300.00
E	Cart away the arisings	5	CM	200	1,000.00
F	Return, fill and ram selected excavated materials	14	CM	350	4,900.00
	<u>FILLING</u>				
G	300mm thick handpacked well compacted hardcore	25	SM	650	16,250.00
H	50mm thick well rolled quarry dust blinding on hardcore	45	SM	300	13,500.00
I	Gladiator or other equal and approved insecticide to treat surface of	45	SM	300	13,500.00
	Carried to Collection				76,700.00

<u>CONCRETE WORK</u>					
A	25mm thick mass concrete blinding to foundation	21	SM	700	14,700.00
	<u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>				
B	200mm thick foundation strip	5	CM	13,000	65,000.00
C	150mm thick floor slab	45	SM	1,800	81,000.00
<u>FORMWORK</u>					
	<u>Sawn timber formwork to</u>				
D	Edges of floor bed 150-225mm high	33	LM	200	6,600.00
<u>REINFORCEMENT</u>					
	<u>Assorted high tensile mild steel reinforcement</u>				
F	10mm diameter bars	64	KG	150	9,600.00
G	8mm ditto	45	KG	150	6,750.00
<u>BRC</u>					
H	BRC Mesh A142 laid with 150mm end laps	45	SM	400	18,000.00
<u>DPM</u>					
I	1000gauge damp proofing membrane laid with 150mm end laps	45	SM	200	9,000.00
<u>WALLING</u>					
J	20mm thick natural stone walling jointed in cement sand mortar mix 1;4	56	SM	1,300	72,800.00
Carried to Collection					283,450.00
<u>COLLECTION</u>					
FROM PAGE 2					76,700.00
FROM ABOVE					283,450.00
Carried to Summary					360,150.00

<u>ELEMENT NO.2</u>					
<u>STEEL STRUCTURE</u>					
A	Square hollow section columns in concrete footing including approved plate	34	LM	700	23,800.00
B	SHS wall plate	25	LM	600	15,000.00
C	50 x 50mm SHS rafters welded to 50 x 50mm SHS ties	61	LM	600	36,600.00
D	50 x 25mm purlins	50	LM	600	30,000.00
E	50 x 25mm RHS welded to column to form bench 600mm high	141	LM	600	84,600.00
F	300mm wide 16 gauge flat sheet fabricated signboard	4	SM	700	2,800.00
G	16 gauge flat sheet welded to columns to form a signboard and prevent rain	29	SM	700	20,300.00
<u>ROOFING</u>					
H	IT4 prepainted sheets on steel structure to SE's details	50	SM	1,400	70,000.00
<u>RAINWATER DISPOSAL</u>					
I	Square steel gutter including all necessary accessories for fixing	25	LM	400	10,000.00
J	100mm diameter rainwater downpipe including all the necessary	13	LM	400	5,200.00
carried to summary		KSHS			298,300.00

<u>ELEMENT NO.3</u>					
<u>FINISHES</u>					
A	32mm thick cement sand floor screed steel trowelled	45	SM	450	20,250.00
B	Prepare and apply one undercoat and two finishing coats gloss paint to	75	SM	350	26,250.00
carried to summary					46,500.00

SUMMARY FOR CAR SHED

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360,150.00

2 Page 4

298,300.00

3 Page 5

46,500.00

Total for Car Shed Carried to Grand Summary

704,950.00

GRAND SUMMARY

1	TOTAL FOR FENCING					
2	TOTAL FOR CAR SHED					1,230,000.00
3	ADD PROJECT MANAGEMENT					704,950.00
						70,000.00
TOTAL CARRIED TO FORM OF TENDER		KSHS				2,004,950.00

Amount in words:

Contractor's Name:

Address:

Signature: Date:

Witness' Name:

Address:

Signature: Date:

SUB-COUNTY WORKS OFFICER
P.O. BOX 504-01030
CATUNDU

ER