

**BILL OF QUANTITIES FOR THE PROPOSED WORKS AT COUNTY SPEAKER'S RESIDENCE NAKURU COUNTY**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>BILL NO.1</u></b>				
	<b><u>REINFORCEMENT OF EXISTING PERIMETER WALLING AND GATES.</u></b> <b><u>(500M GIRTH)</u></b>				
	<b><u>ELEMENT NO.1</u></b> <b><u>Demolition and Alterations</u></b>				
A	Allow for carefully cutting and creating of sections along existing masonry perimeter walling for columns excavations and installations and set aside arising salvage for the client re-use as directed	1	ITEM		
B	Ditto to existing gate and set aside arising salvage ditto	1	ITEM		
	<b><u>SUBSTRUCTURE (ALL PROVISIONAL)</u></b>				
C	Excavate oversite to remove vegetative top soil 200mm average depth	200	SM		
D	Excavate foundation column bases commencing from formation level but not exceeding 1.5m deep from ground level	205	CM		
E	Load ,wheel and cart away from site excavated material and spread and level as directed	245	CM		
F	Allow for keeping excavation free from all water by plumbing or by use of any approved means	1	ITEM		
G	Allow for plunking and strutting to sides of excavations	1	ITEM		
	<b><u>Plain concrete</u></b>				
H	50mm thick concrete 1:4:8 blinding to column bases	136	SM		
	<b><u>Vibrated reinforced concrete class 20/20mm to:</u></b>				
J	Columns bases	27	CM		
K	Sub-Columns	8	CM		
	<b><u>Sawn softwood Formwork to:</u></b>				
L	Sides of Column bases	121	SM		
M	Ditto Sub-Columns	190	SM		
	<b><u>High yield mild steel reinforcement to B.S 4449 in structural concrete work including tying wire and spacer blocks in:</u></b>				
N	12mm diameter bars	1500	KG		
P	10mm diameter bars	520	KG		
Q	8mm diameter bars	373	KG		
	<b>TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.2</u></b>				
	<b><u>FRAME</u></b>				
	<b><u>CONCRETE WORKS</u></b>				
	<b><u>Vibrated reinforced concrete (1:2:4) class 20/20mm as described in:</u></b>				
A	Columns	20	CM		
	<b><u>Reinforcement</u></b>				
	<b><u>High yield mild steel reinforcement to B.S 4449 in structural concrete work including tying wire and spacer blocks in:</u></b>				
B	10mm diameter bars	1000	KG		
C	8mm diameter bars	640	KG		
	<b><u>Sawn softwood Formwork to:</u></b>				
D	Battering Sides of Columns	121	SM		
	<b><u>CONCRETE STORM WATER DRAINAGE</u></b>				
	<b><u>EXCAVATIONS</u></b>				
E	Excavate in soft material for major structures i.e lined drain works. Rate includes cart away to spoil as directed by the Engineer.	68	CM		
	<b><u>CONCRETE WORKS</u></b>				
F	Provide and place concrete Class 15/20 as blinding to concrete drain and as instructed by the Engineer.	4	CM		
G	Provide and place concrete Class 25/20 to bed and walls of concrete drain and as instructed by the Engineer.	22	CM		
	<b><u>Sawn formwork</u></b>				
H	Provide and place vertical formwork class F2 finish and as instructed by the Engineer.	300	SM		
	<b><u>MESH WIRE BRC</u></b>				
J	Weldmesh BRC A 142	90	SM		
	<b>TOTAL FOR FRAME &amp; STORM WATER DRAINAGE CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.3</u>				
	<u>FINISHES</u>				
	<u>15mm thick gauged lime (1:2:9) plaster trowelled smooth comprising 12mm thick backing and 3mm thick finishing coat as described on:</u>				
A	Wall façade internal	1200	SM		
B	Sides of columns internal and external but wood floated	202	SM		
C	Horizontal raking externally and flush pointing to joints:external	1200	SM		
D	450x300x75mm thick weathered and throated precast concrete coping bedding, jointing and pointing in c/s mortar	458	LM		
E	300x300x75mm thick ditto	169	NO		
	<b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	PAGE NO			AMOUNT
	<u>SUMMARY</u>				
A	SUBSTRUCTURE		PAGE 1		
B	FRAME & STORM WATER DRAINAGE		PAGE 2		
C	FINISHES		PAGE 3		
	TOTAL FOR BILL NO.1 PERIMETER WALLING, STORM WATER DRAINAGE & FINISHES CARRIED TO SUMMARY				

ITEM	DESCRIPTION	PAGE NO			AMOUNT
A	<p><u>GRAND SUMMARY</u></p> <p>BILL NO. 1</p> <p>Brought forward from page</p>		PW/4		
	TOTAL FOR BUILDER'S WORK CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	PAGE NO			AMOUNT
A	<u>GRAND SUMMARY</u> <b>BUILDER'S WORKS</b> Brought forward from page		GS/1		
<b>TOTAL ESTIMATED COST CARRIED TO FORM OF TENDER (VAT INCLUSIVE)</b>					
<p>CONTRACT PERIOD.....WEEKS</p> <p>AMOUNT IN WORDS.....</p> <p>.....</p> <p>TENDERERS NAME.....</p> <p>ADDRESS.....</p> <p>.....</p> <p>.....</p> <p>SIGNATURE.....DATE.....</p>					