

ITEM	DESCRIPTION	UNIT	QTY	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 1</u></b>					
	<b><u>SUBSTRUCTURES</u></b>					
	<b><u>EXCAVATION AND EARTHWORK</u></b>					
A	Allow for keeping the whole of the excavation free from all spring and running water by pumping or any other such means as may be necessary	ITEM			10,000.00	
B	Allow for maintaining and upholding the sides of excavations and keeping excavations clear of all fallen materials, rubbish etc	ITEM			10,000.00	
C	Excavate oversite to remove top vegetable soil average 150mm deep and cart away	SM	121	150	18,150.00	
D	Excavate for foundation trench 0.00-1.50 metres deep commencing from reduced level	CM	46	345	15,905.88	
E	Return, fill in and well consolidate selected excavated material around foundations	CM	18	195	3,510.00	
F	Remove all surplus excavated materials from site	CM	35	360	12,600.00	
	<b><u>FILLING</u></b>					
G	Murram filling spread, levelled and consolidated in 150mm layers including ramming ground under	CM	21	1,200	25,200.00	
H	300mm Thick hardcore filling ditto to receive floor slabs	SM	41	485	19,885.00	
I	50mm Thick murram blinding well waterd and rolled on top of hardcore	SM	41	155	6,355.00	
	<b><u>Anti-insecticide treatment</u></b>					
J	Treat the top surface of hardcore and excavated plinths with Premise 200 SC or any other equal and approved insecticide	SM	172	250	43,000.00	
	<b><u>CONCRETE</u></b>					
	<b><u>Mass Concrete (1:4:8)as described in:-</u></b>					
K	50mm Thick blinding under strip footing	SM	59	550	32,450.00	
	<b><u>CARRIED TO COLLECTION</u></b>			Kshs.	<b>197,055.88</b>	
	<b><u>SUBSTRUCTURE</u></b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	SHS.	CTS.
	<b><u>Vibrated reinforced concrete(1:2:4) as described in:-</u></b>					
A	Strip footings	CM	12	14,000	168,000.00	
B	150mm Thick surface bed	SM	107	2,100	224,700.00	
	<b><u>REINFORCEMENT</u></b>					
	<b><u>High yield square twisted bards to BS 4469 in:-</u></b>					
C	8mm Diameter	KG	142	190	26,980.00	
D	10mm Diameter	KG	258	190	49,020.00	
	<b><u>BRC fabric reinforcement mesh as described:-</u></b>					
E	Mesh ref. No. A142 weighing 2.2.kg/m <sup>2</sup> in floor including all tying wires and supports	SM	107	500	53,500.00	
	<b><u>FORMWORK</u></b>					
	<b><u>Sawn formwork as described to:</u></b>					
F	Vertical sides of strip footing	SM	40	615	24,600.00	
G	Edges of surface bed 75-150mm high	LM	49	100	4,900.00	
	<b><u>WALLING</u></b>					
	<b><u>Dressed natural stone wall bedded and jointed in cement and sand (1:4) mortar in:-</u></b>					
H	150mm Thick walls reinforced	SM	168	1,500	252,000.00	
I	<b><u>Extra over</u></b> stone walling for smooth chiselling around plinths	SM	25	250	6,250.00	
	<b><u>DAMP PROOFING</u></b>					
J	No. 1000 gauge polythene sheeting laid with 150mm laps (measured net - No allowance made for laps)	SM	107	150	16,050.00	
	<b><u>CARRIED TO COLLECTION</u></b>			Kshs.	<b>826,000.00</b>	
	<b><u>SUBSTRUCTURE</u></b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	SHS.	CTS.
	<b><u>PLINTHS</u></b>					
	<b><u>Cement and sand (1:3) render as described in:-</u></b>					
A	13mm Thick with wood float finish to vertical surfaces	SM	25	300	7,500.00	
	<b><u>Prepare and apply three coats first grade plastic emulsion paint as described on:-</u></b>					
B	Vertical rendered surfaces	SM	25	390	9,750.00	
	<b><u>CARRIED TO COLLECTION</u></b>			Kshs.	<b>17,250.00</b>	
	<b><u>COLLECTION PAGE</u></b>					
	Brought forward from page 6/01				197,055.88	
	Brought forward from page 6/02				826,000.00	
	Brought down from above				17,250.00	
	<b><u>TOTAL OF ELEMENT NO. 1 - SUBSTRUCTURE</u></b>					
	<b><u>CARRIED TO SUMMARY OF BILL NO 2</u></b>			Kshs.	<b>1,040,305.88</b>	
	<b><u>SUBSTRUCTURE</u></b>					