

**PHASE ONE PROPOSED DINING HALL;SUBSTRUCTURES-ROOF**

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
<b>SUBSTRUCTURES</b>						
A	Excavate vegetable top soil average 250 mm deep wheel and deposit on site as directed.	450	SM			
B	Excavate to reduce level commencing from stripped level but not exceeding 1.5m deep	400	CM			
C	Selected excavated fill material to raise level	100	CM			
D	Excavate foundation trench not exceeding 1.5 m deep starting from stripped level.	100	CM			
E	Excavate for column bases not exceeding 1.5m deep starting from reduced level.	50	CM			
F	Return fill in and ram selected excavated material around foundations.	100	CM			
G	Cart away surplus excavated materials on site.	50	CM			
H	Allow for keeping excavations free from any water.					
I	Allow for any planking and strutting to sides of excavations.					
J	300mm thick approved hardcore filling consolidated and rolled in layers not exceeding 100mm thick.	120	CM			
	<b>Carried to collection.</b>					
	BF-1					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
<u>Substructures cont.</u>						
A	50mm thick blinding to surfaces of hard-core with approved fine inert material.	500	SM			
B	Insecticide treatment to surfaces of blinded hard-core with and approved insecticide.	500	SM			
<b><u>Lean concrete (1:4:8) in:-</u></b>						
C	50mm thick blinding under foundations.	4	CM			
D	Ditto under column bases.	4	Cm			
<b><u>Concrete (1:2:4) in :</u></b>						
E	100 mm thick floor slab.	500	SM			
F	450x450mm column in foundation	3	CM			
G	450mm thick column bases.	23	CM			
H	200mm thick strip foundation concrete	14	CM			
<b><u>Steel Fabric Reinforcement</u></b>						
I	B.R.C Mesh Reinforcement type A98 weighing 2.22 KG/Sm. With minimum 300 mm end and side laps.	500	SM			
<b><u>Steel reinforcement</u></b>						
<b><u>High yield square bar in:-</u></b>						
<b><u>Strip foundation</u></b>						

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ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
J	10mm Diameter bar	220	KG			
K	8mm Diameter bar	170	KG			
	<b><u>Column Base</u></b>					
L	12mm Diametre	700	KG			
	<b><u>Column in Foundation</u></b>					
M	16mm Diametre	450	KG			
N	8mm Diametre	90	KG			
O	Formwork in Vertical sides of columns.	40	SM			
	<b>Carried to collection</b>					
	BF-2				SHS.	

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b><u>Sawn Formwork to:</u></b>					
A	Edge of slab 75-150 mm high.	90	LM			
	<b><u>Rough dressed Natural stone walling bedded and jointed in cement and sand mortar (1;3)</u></b>					
B	200 mm thick walling	200	SM			
	<b><u>Damp proofing</u></b>					
C	500 gauge damp proof membrane laid with minimum 300 mm side and end laps	500	SM			
D	200 mm wide bituminous based damp proof course on walls	120	LM			
	<b><u>Plinths</u></b>					
E	Render and set 12 mm thick cement and sand (1:4) plaster	50	SM			
F	Prepare and apply three coats emulsion paint to rendered surfaces externally	50	SM			
	<b>Carried to collection</b>					
	<b><u>COLLECTION</u></b>					
	Brought forward from page BF-1-					
	Brought forward from page BF-2-					
	Brought down from above					
	<b><u>TOTAL FOR SUB-STRUCTURES</u></b>					
	<b><u>CARRIED TO SUB-SUMMARY</u></b>					
	BF-3				SHS.	

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ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b><u>WALLING SUPERSTRUCTURES</u></b>					
	<u>Fine dressed stone walling bedded and jointed in cement mortar (1:4) as work proceeds.</u>					
A	200mm thick wall reinforced with hoop iron gauge 16 at every alternate course	133	SM			
B	200mm thick Rough dressed stone wall reinforced with hoop iron as before described. to wall internally and gables	91	SM			
C	100mm thick solid concrete block walling reinforced with hoop iron as before described To wall internally	25	SM			
	<b>Walling Carried to Summary</b>					
	BF -4-					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b><u>REINFORCED CONCRETE FRAME</u></b>					
	<b><u>Vibrated Reinforced Concrete (1:2:4) in :-</u></b>					
A	Columns	6	CM			
B	Beams	17	CM			
C	Ring Beams	17	CM			
	<b><u>Sawn from work to:-</u></b>					
D	Vertical sides of columns.	90	SM			

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ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
E	Sides and soffittes beams.	202	SM			
F	Sides and soffittes of ring beams.	202	SM			
	<b>TOTAL FOR REINFORCED CONCRETE</b> Carried to summary				SHS.	
	BF-5-					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b><u>BUILDING SUPER STRUCTURE</u></b>					
	<b><u>STEEL REINFORCEMENT</u></b>					
	<u>High yield square twisted bar including bending and tying wire</u>					
	<b><u>Column</u></b>					
A	16mm Diametre bars	725	KG			
B	10mm Diameter bars	245	KG			
	<b><u>Beams</u></b>					
C	16mm Diametre bar	1,340	KG			
D	10mm Diameter bar	612	KG			
	<b><u>Ring Beams</u></b>					
E	16mm Diametre bar	1,340	KG			
F	10mm Diameter bar	612	KG			

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ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b>Carried to summary</b>			SHS.		
	BF -6-					

ITEM	DESCRIPTION	QTY	UNITS	RATES	SHS	CTS
	<b><u>ROOF WORK</u></b>					
	<b><u>Roof Cover</u></b>					
A	28 Gauge GCI sheets	640	SM		-	
B	Ridge cap to match.	57	LM		-	
	<b><u>Trusses construction only</u></b>					
C	200x300x10mm steel plate	16.04278	NO		-	
D	100x50x3mm Rhs in Tie beam and Rafter & hip rafter	297	LM			
E	50x50x4mm Rhs ties ,Struts & braces	320	LM			
F	100x50x3mm Z- Purlins	721	LM			
G	16mm diametre mild steel sag rod	148	LM			
	<b><u>Eaves</u></b>					
H	50X50mm Brandering	213	LM			
I	50x25mm Battens	355	LM			
J	Guize wire	43	SM			
K	Coffee tray wire	43	SM			
L	Knot prime stop and apply undercoat and three coats gloss paint surface	43	SM			
	<b><u>Rainwater good and/ Fascia board</u></b>					
M	450mm wide steel plate berge Board reinforced with 25x25mm shs	47	LM			
N	450x300x300mm 16gauge Galvanized steel plate Gutter including 25x25x3mm shs binding and steel brackets	38	LM			
O	Prepare and apply undercoat and three coats gloss paint surface steel Fascia board gutter	40	SM			
P	Ditto berge board	21	SM			
Q	150X150mm steel down pipe including steel brackets	19	LM			
R	150x150x800mm long swan neck	4	NO			
S	Extra over gutter for stopped end	8	NO			
T	Extra over gutter for bend	5	NO			
U	Extra over gutter for Outlet	4	NO			
V	Extra over down pipe for shoe	4	NO			
	<b>ROOF CARRIED TO SUMMARY</b>					
	BF -7-					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b><u>BUILDING WORK SUMMARY</u></b>					
A	Substructures from BF-3-					
B	Walling Superstructure from BF-4-					
C	Reinforced Concrete Frames. From page BF-5-					
D	Building Superstructure Steel Reinforcement BF-6-					

**PHASE ONE PROPOSED DINING HALL;SUBSTRUCTURES-ROOF**

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
E	Roof Work BF-7-					
	<b>TOTAL BUILDING WORK CARRIED TO GRAND SUMMARY</b>			KSHS		
	BF-08-					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b><u>PROVISIONAL AND PC SUMS</u></b>					
A	Provide a P.C Sum of Kenya Shillings sixty thousand Shillings only for Electrical installation work, to be carried out by an approved registered Electrical contractor				60,000	
	Allow for profits and overheads		%			
	Allow for profits and overheads		%			
B	Provide provision Sum of Kenya Shillings Fifty thousand shillings only for internal Plumbing and Drainage work				50,000	
	Allow for profits and overheads		%			
	Allow for profits and overheads		%			
C	Provide Provision Sum of Kenya Shillings one hundred and fifty thousand Shillings only for Preliminaries				150,000	
D	Provide Provision Sum of Kenya Shillings one hundred and fifty thousand Shillings only for Project management				150,000	
E	Provide Provision Sum of Kenya Shillings one hundred and fifty thousand Shillings only for Contingencies				150,000	

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ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS	CT
	<b>CARRIED TO GRAND SUMMARY</b>			KSHS		

DESCRIPTION	For Tenderers use only	For Official use only
<b><u>GRAND SUMMARY</u></b>		
MEASURED WORK FROM PAGE BF-08- PROVISIONAL AND PC SUMS PC-1-		
<b>TOTAL PROJECT COST</b>		

**Amount :-**

Tenderer`s Name \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Witness`s Name \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

GS-1-