

PART NO. 3

BUILDERS' WORK

		Qty	Unit	Rate	KSHS	CTS
G10 STRUCTURAL STEEL FRAMING (PROVISIONAL)						
Universal Beam fabrication (Hoisted and fixed to a height not exceeding 10650 mm above ground floor level); Prepare and apply two coats zinc chormate primer on surfaces of structural steelwork; one before and one after erection;						
The following in Universal Beams						
Columns & Beams						
a	457 x191 UB (67kg/LM)	7471	kg			
b	305 x165 UB (40kg/LM)	3551	kg			
c	500x300x20mm bolted base plate welded to stanchion including 20mm Gusset Plate welded to stanchions all to SE details	10	No			
d	450x300x10mm bolted plate welded to stanchion and beam including 20mm Gusset Plate welded to stanchions all to SE details	10	No			
D20 EXCAVATING AND FILLING;						
Excavation generally, with and including breaking out on 200mm thick average concrete work(approximately 3.6 sm); allow for disposal of the surplus spoil.						
e	For Column Portals generally;	7	m3			
Vibrated Reinforced Concrete; Class 25(20mm agg); mix 1:1.5:3;						
f	To Column Portals;generally;	7	m3			
Bars; Round; Ribbed; cold worked; b.s. 4449 - 2005,including bends, hooks tying wire, distance blocks and spacers all in position as necessary;						
Deformed Bars						
g	All Asorted reinforcement bars of different bars	576	kg			
To Collection KSHS						

		Qty	Unit	Rate	KSHS	CTS
G10 STRUCTURAL STEEL FRAMING (PROVISIONAL)						
Truss frame fabrication (Hoisted and fixed to a height not exceeding 10650 mm above ground floor level); Prepare and apply two coats zinc chormate primer on surfaces of structural steelwork; one before and one after erection;						
The following in Trusses						
Type T01						
a	75 x 50 x 3.0 mm thick RHS: Top members (5.60 kg/LM)	325	kg			
b	75 x 50 x 3.0 mm thick RHS: Bottom members (5.60 kg/LM)	323	kg			
c	75 x 50 x 3.0 mm thick RHS: Vertical members (5.60 kg/LM)	13	kg			
d	50 x 50 x 3mm thick SHS: internal members (4.43kg/LM)	340	kg			
Type T02						
e	75 x 50 x 3.0 mm thick RHS: Top members (5.60 kg/LM)	81	kg			
f	75 x 50 x 3.0 mm thick RHS: Bottom members (5.60 kg/LM)	81	kg			
g	75 x 50 x 3.0 mm thick RHS: Vertical members (5.60 kg/LM)	7	kg			
h	50 x 50 x 3mm thick SHS: internal members (4.43kg/LM)	85	kg			
					To Collection KSHS	

		Qty	Unit	Rate	KSHS	CTS
G10 STRUCTURAL STEEL FRAMING (CTD)						
Truss frame fabrication (Hoisted and Ctd						
The following in Trusses						
Type HT01						
a	75 x 50 x 3.0 mm thick RHS: Top members (5.60 kg/LM)	221	kg			
b	75 x 50 x 3.0 mm thick RHS: Bottom members (5.60 kg/LM)	228	kg			
c	75 x 50 x 3.0 mm thick RHS: Vertical members (5.60 kg/LM)	13	kg			
d	50 x 50 x 3mm thick SHS: internal members (4.43kg/LM)	220	kg			
Additional Trusses						
e	75 x 50 x 3.0 mm thick RHS: Top members (5.60 kg/LM)	291	kg			
Bracing Members						
f	50 x 50 x 3mm thick Equal Angles (2.332kg/LM)	102	kg			
PURLINS						
g	ZS4 purlins 114.6 x 50.8 x 3.85kg/LM spaced at 1500mm centers;	1275	kg			
Vertical Roofing sheets Support Members						
h	50 x 50 x 3mm thick SHS: members (4.43kg/LM)	199	kg			
i	Allow for plates, cleats, bolts, anti-sag rods etc.	500	kg			

To Collection KSHS

		Qty	Unit	Rate	KSHS	CTS
	<p>H70 MALLEABLE METAL SHEET PREBONDED COVERINGS</p> <p>Supply and fix galvanized IT5 - AZ 150 ZincAl, fluted "box" profiled steel roofing sheet covering; manufactured by "SAFAL group;gauge 28 ; pre-painted of approved colour and size, including edging trim, firmly secured with galvanised steel screws with end and side laps;fixed onto steel structure with all necessary curvatures, hoisting, placing and connections;</p> <p>Coverings; fixing every sheet on every course with galvanized bolt; to 75 mm laps;</p>					
a	Sloping not exceeding 30 degrees from horizontal;	298	m2			
b	Ditto but to ventilated vertical sheets	102	m2			
c	Sloping Matching Hip and Ridge caps;	50	m			
	<p>SKYLIGHT</p> <p>Supply and fix approved skylight; with and including 8mm toughened glass; 50 x 50 x 3mm thick steel horizontal and vertical frame members mitred at corners including reinforcing cleats, endcaps, silicone, supporting brackets, coner cleats with press, vertical, central and horizontal Mullion gaskets, adjustment parts ; fixing with (DIN ISO 7049 -A2) 4.8 x 25 stainless steel screws or equal and approved ; with all necessary steel accesories and structures including galvanizing and painting of all elements, supports and brackets; to the approval of the Architect.</p>					
d	Coverings;generally;	9	m2			
To Collection KSHS						

		Qty	Unit	Rate	KSHS	CTS
	H31 METAL PROFILED/FLAT SHEET CLADDING/ COVERING					
a	Supply and fix approved 200x150 , 22 gauge mild steel box gutter rain water system with and including welding to steel trusses ;	68	m			
b	Supply and fix approved 150x150 , 22 gauge mild steel down pipe rain water system with and including screwing to wall with matching holder butts at 1000mm centres ;	80	m			
	MECHANICAL VENTILATION					
c	Supply and install a cyclone roof ventilator constructed from galvanised sheet to be fixed in the roof model:Cyclone 600 by steel structures complete with Top plate, safety frame and fibre glass soaker flange and complete with all other necessary accessories.	4	No			
To Collection KSHS						

		Qty	Unit	Rate	KSHS	CTS
	<p>Collection</p> <p>Total from Page1</p> <p>Total from Page 2</p> <p>Total from Page 3</p> <p>Total from Page 4</p> <p>Total from Page 5</p>					
Total to Main Summary KSHS						

NO.	DESCRIPTION			
	<p><u>PART NO. 4</u></p> <p><u>PROVISIONAL SUMS</u></p> <p><u>ELEMENT NO. 1</u></p> <p><u>NOTES:</u></p> <p>1. The following sums may be expended in whole or in part at the sole discretion and on the sole written authority of the Project Manager.</p> <p>2. The following sums <u>include</u> 16% V.A.T.</p> <p><u>Provide Provisional Sums to cover the cost of the following items to be carried out at Main Contractor's Bill rates or rates pro-rata thereto:</u></p> <p>A <u>Electrical works</u></p> <p>Shillings One Hundred Thousand (Shs. 100,000.00) only for Electrical works ;</p> <p>B <u>Contingencies</u></p> <p>Shillings Four Hundred Thousand(Shs. 400,000.00) only for contingencies to cover cost of any unforeseen or minor additional works ;</p>		Item	100,000.00
	<p>Total Amount of Element No. 1 Provisional Sums Carried to Part Summary</p>			500,000.00

NO.	DESCRIPTION	
<u>SUMMARY</u>		
<u>PROVISIONAL SUMS</u>		
<u>ELEMENT NO.</u>	<u>ELEMENT</u>	
1	Provisional Sums From page 4/1	500,000.00
TOTAL FOR PROVISIONAL SUMS MAIN SUMMARY		500,000.00

PART NO. 5

MAIN SUMMARY

Based on stated Completion of -----Weeks.

PART NO. 5

SPECIFICATIONS
AND
BILLS OF QUANTITIES
FOR

PROPOSED ROOFING OF THE GREEN TUITION BLOCK COURTYARD
FOR
BOMET UNIVERSITY COLLEGE

MAIN SUMMARY

PART NO.	PART	PAGE NO.	KSHS.	CTS.
3	<u>BILLS OF QUANTITIES FOR: -</u> Builder's Work (V.A.T. Inclusive) ..	6		
	<u>Sub-Total</u>	Shs.		
1	Particular Preliminaries(V.A.T. Inclusive) ..	1/6	}	
2	General Preliminaries (V.A.T. Inclusive) ..	2/13		
4	Provisional Sums (V.A.T. Inclusive)	4/2		500,000 00
<u>TOTAL AMOUNT OF TENDER (V.A.T Inclusive)</u> <u>(Carried to Main Summary of Tender)</u>		KSHS		

TOTAL AMOUNT OF TENDER IN WORDS KENYA SHILLINGS:

PART NO. 5
SPECIFICATIONS
AND
BILLS OF QUANTITIES
FOR
PROPOSED ROOFING OF THE GREEN TUITION BLOCK COURTYARD
FOR
BOMET UNIVERSITY COLLEGE
MAIN SUMMARY (Ctd).
(TENDER)

Signature of Tenderer

Name of Tenderer

Address

.....

Date

Signature of Witness

Name of Witness

Address

.....

Date