

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<p><b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b></p> <p><b><u>BILLS OF QUANTITIES</u></b></p> <p><b><u>SECTION NO. 2</u></b></p> <p><b><u>ELEMENT NO.1</u></b></p> <p><b><u>SUBSTRUCTURE</u></b></p> <p><u>(All Provisional)</u></p> <p><u>NOTES</u></p> <p>1 The Tenderer's attention is drawn to the Preliminaries Contract Particulars Clause 8.0 which states that the Standard Method of Measurement is the June 2008 Edition. Per Clause D5(g) of this S.M.M <b>all excavations in this BoQ have been measured NET and no allowance has been made for working space and the tenderer is shall price for the excavations accordingly.</b></p> <p>2 Cement for all Structural Works in these Bills of Quantities shall strictly be <b>Grade 32.5</b></p> <p>3 Cement for Non-Structural Works in these Bills of Quantities shall be <b>Grade 32.5</b></p> <p>4 All Reinforcement in these Bills of Quantities shall be to BS 4449:1997 with the following characteristic; a) <b>Grade 460 B high strength type 2 Ribbed bars with proof stress of 460N/mm<sup>2</sup></b>; allow for cutting, bending, hoisting and fixing including all necessary trying wires and spacer stools;</p>					

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.	
	<u>SUBSTRUCTURES (CONT'D)</u>						
	<u>Vibrated reinforced concrete class 25 in:</u>						
A	100 mm Thick slab	m2	6				
	<u>Cement sand ( 1:4 ) render to :-</u>						
B	12mm Thick render to wall externally	m2	22				
	<u>Prepare and apply two coats of bituminous paint to :-</u>						
C	Rendered walls externally	m2	22				
	<u><b>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</b></u>				<b>KSHS.</b>		

ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
	<p><b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b></p> <p><b><u>BILLS OF QUANTITIES</u></b></p> <p><b><u>SECTION NO. 2</u></b></p> <p><b><u>ELEMENT NO. 5</u></b></p> <p><b><u>EXTERNAL WALLS</u></b></p> <p><u>Approved local natural stonework; squared and machine dressed;bedded in cement mortar (1:4); reinforced with 25mm wide x 20mm gauge hoop iron strapping every alternate course</u></p>					
A	200mm Thick walls	m2	24			
B	200x200mm precast Vent block	No	10			
	<u>Carried to Collection</u>			Kshs.		

ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
	<u>EXTERNAL WALLS (CONT'D)</u>					
	<u>COLLECTION</u>					
	Page No. 2/1					
	<u>TOTAL FOR EXTERNAL WALLS CARRIED TO SUMMARY</u>				<b>KSHS.</b>	

ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
A	<p><b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b></p> <p><b><u>BILLS OF QUANTITIES</u></b></p> <p><b><u>SECTION NO. 2</u></b></p> <p><b><u>ELEMENT NO. 6</u></b></p> <p><b><u>INTERNAL WALLS</u></b></p> <p><u>Approved local natural stonework; squared and machine dressed;bedded in cement mortar (1:4); reinforced with 25mm wide x 20mm gauge hoop iron strapping every alternate course</u></p> <p>200mm Thick walls</p>	m2	11			
	<p><b><u>TOTAL FOR INTERNAL WALLS CARRIED TO SUMMARY</u></b></p>			KSHS.		

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<p><b>#REF!</b>  <b><u>BILLS OF QUANTITIES</u></b>  <b><u>ELEMENT NO.4</u></b></p> <p><b><u>ROOF CONSTRUCTION, COVERINGS</u></b>  <b><u>AND RAINWATER DISPOSAL</u></b></p> <p><b><u>ROOF CONSTRUCTION</u></b>  <u>The following in sawn softwood timber including</u>  <u>fabricating, hoisting and fixing in position</u>  <u>approximately 12,000mm above ground floor level as</u>  <u>per Structural Engineer's drawing</u></p> <p><u>Sawn cypress</u></p> <p><u>Rates to include all necessary bolting and/or nailing</u></p>					
A	75 x 50 mm Purlins	m	108			
B	100 x 50 mm Members	m	87			
	<u>Carried to Collection</u>			Kshs.		

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<u>ROOF(CONT'D)</u>					
	<u>Wrot treated prime grade cypress</u>					
A	225mm x 38mm thick fascia board fixed onto ends of rafters	m	92			
	<u>ROOF COVERINGS</u>					
B	Roof covering as 28 gauge roofing Sheet including roof vents to suppliers recommendations	m2	384			
C	ridge board to match roof sheet	m	42			
D	600 mm wide ditto valley flashing four times bent	m	9			
E	Extra over roofing sheet for raking cutting	m	12			
	<u>Prepare surfaces and apply one coat of aluminium wood primer and two finishing coats of gloss oil paint on:</u>					
F	General wood surfaces	m	92			
	<u>Carried to Collection</u>				Kshs.	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<u>ROOF(CONT'D)</u>					
	<u>Rainwater goods</u>					
A	200mm wide x 200mm deep (600mm girth) prepainted gauge 24 galvanised iron gutter fixed onto fascia board with approved mild steel straps at every 1,000mm centres	m	48			
B	Extra over ditto for stopped ends	No.	4			
C	Ditto for forming 150mm x 150mm hole for down pipe	No.	6			
D	150mm x 150mm prepainted gauge 24 galvanised iron rain water down pipe fixed onto walls with approved mild steel support brackets at 1,000mm centres	m	12			
	<u>Carried to Collection</u>				Kshs.	



ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b>					
	<b><u>BILLS OF QUANTITIES</u></b>					
	<b><u>SECTION NO. 2</u></b>					
	<b><u>ELEMENT NO. 7</u></b>					
	<b><u>WINDOWS</u></b>					
	<b><u>STEEL WINDOWS</u></b>					
	<u>Glazing</u>					
A	4mm thick clear glass to windows	m2	16			
B	Prepare and apply three coats gloss paint to windows	m2	42			
C	Window stays	No	18			
D	Window handles	No	18			
	<b><u>TOTAL FOR WINDOWS CARRIED TO SUMMARY</u></b>				<b>KSHS.</b>	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
A	<p><b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b></p> <p><b><u>BILLS OF QUANTITIES</u></b></p> <p><b><u>SECTION NO. 2</u></b></p> <p><b><u>ELEMENT NO. 8</u></b></p> <p><b><u>DOORS</u></b></p> <p><u>Steel Doors</u></p> <p><u>Touch up primer,prepare and apply three coats of gloss oil paint to</u></p> <p>Metal surfaces</p>	m2	16			
	<p><b><u>TOTAL FOR DOORS CARRIED TO SUMMARY</u></b></p>				KSHS.	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b>					
	<b><u>BILLS OF QUANTITIES</u></b>					
	<b><u>SECTION NO. 2</u></b>					
	<b><u>ELEMENT NO. 9</u></b>					
	<b><u>EXTERNAL FINISHES</u></b>					
	<b><u>Floor Finishes</u></b>					
	<b><u>Terrazzo floor finishes</u></b>					
A	12mm thick terrazzo floor finishes as directed by the Architect.	m2	49			
B	100 mm high terrazzo Skirting	m	58			
C	3 mm x 25 mm deep plastic dividing strips of approved colour in floor (provisional)	m	185			
	<b><u>Prepare and apply two coats matt emulsion paint to</u></b>					
D	Plastered surfaces externally	m2	208			
	<b><u>Prepare and apply three coats gloss paint to,</u></b>					
E	Steel Members	m	48			
	<b><u>Carried to Collection</u></b>				Kshs.	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<u>EXTERNAL FINISHES (CONT'D)</u>					
	<u>COLLECTION</u>					
	Page No. 2/1					
	<u>TOTAL FOR EXTERNAL FINISHES CARRIED TO SUMMARY</u>				KSHS.	

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b>					
	<b><u>BILLS OF QUANTITIES</u></b>					
	<b><u>SECTION NO. 2</u></b>					
	<b><u>ELEMENT NO.10</u></b>					
	<b><u>INTERNAL FINISHES</u></b>					
	<b><u>Floor Finishes</u></b>					
	<b><u>Terrazzo floor finishes</u></b>					
A	12mm thick terrazzo floor finishes as directed by the Architect.	m2	182			
B	100 mm high terrazzo Skirting	m	139			
C	3 mm x 25 mm deep plastic dividing strips of approved colour in floor (provisional)	m	318			
	<u>Cement, sand, lime (1:2:9) in :-</u>					
D	12 mm Thick plaster to masonry or concrete surfaces	m2	18			
	<u>Painting and Decorating</u>					
	<u>Prepare and apply two coats internal quality matt emulsion paint to:-</u>					
E	Plastered wall surfaces	m2	284			
	<b><u>TOTAL FOR INTERNAL FINISHES CARRIED TO SUMMARY</u></b>				<b>KSHS.</b>	

ITEM NO.			SHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b>			
	<b><u>BILLS OF QUANTITIES</u></b>			
	<b><u>SECTION NO. 2</u></b>			
	<u>SUMMARY</u>	<u>PAGE NO.</u>		
1.	SUBSTRUCTURES	2/5		
2.	EXTERNAL WALLS	2/1		
3.	INTERNAL WALLS	2/6		
4.	ROOF	2/6		
5.	WINDOWS	2/2		
6.	DOORS	2/2		
7.	EXTERNAL FINISHES	2/4		
8.	INTERNAL FINISHES	2/6		
	<b><u>TOTAL FOR MAIN BLOCK CARRIED TO MAIN SUMMARY</u></b>	<b>KSHS.</b>		

ITEM NO.	DESCRIPTION	UNIT	QTY.	KSHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b>				
	<b><u>BILLS OF QUANTITIES</u></b>				
	<b><u>SECTION NO. 3</u></b>				
	<b><u>PRIME COST AND PROVISIONAL SUMS</u></b>				
	<b><u>PRIME COST SUMS</u></b>				
A	Allow a Prime Cost Sum of Kenya Shillings Thirty Thousand for Electrical works		Sum	30,000	00
B	Allow a Prime Cost Sum of Kenya Shillings Fifty Thousand for Project Committee		Sum	50,000	00
C	Allow a Prime Cost Sum of Kenya Shillings Fifty Thousand for Contingency		Sum	50,000	00
D	Allow a Prime Cost Sum of Kenya Shillings Twenty Thousand for Repair to 4No Black board		Sum	20,000	00
E	Allow a Prime Cost Sum of Kenya Shillings Eighty Thousand for Documentation/Supervision/Project		Sum	80,000	00
F	Allow a Prime Cost Sum of Kenya Shillings Twenty Thousand for Publicity signage and Branding		Sum	20,000	00
G	Allow a Prime Cost Sum of Kenya Shillings Five Thousand for Demolition/removal of Griles on windows		Sum	5,000	00
H	Allow a Prime Cost Sum of Kenya Shillings Ten Thousand for Drainage work		Sum	10,000	00
	Allow a Prime Cost Sum of Kenya Shillings Ten Thousand for Repair to walls and plaster work		Sum	10,000	00
	<b><u>TOTAL FOR PRIME COST AND PROVISIONAL SUMS CARRIED TO SUMMARY</u></b>		<b>KSHS.</b>	<b>275,000</b>	<b>00</b>

ITEM NO.			SHS.	CTS.
	<p><b><u>PROPOSED RENOVATION OF 4NO CLASSROOMS AT OGANGO PRIMARY SCHOOL-KISUMU EAST</u></b></p> <p><u>MAIN SUMMARY</u></p> <p>1. PRELIMINARIES</p> <p>2. BUILDER'S WORKS</p> <p>3. PROVISIONAL SUMS</p> <p>SUB-TOTAL</p> <p>ADD 16% VAT</p> <p><b><u>TOTAL CARRIED TO FORM OF TENDER</u></b></p>	<p><u>PAGE NO.</u></p> <p>1/26</p> <p>2/25</p> <p>3/1</p> <p><b>KSHS.</b></p>		

EMPLOYER:

CONTRACTOR

NAME: .....

NAME: .....

.....

.....

ADDRESS: .....

ADDRESS: .....

.....

.....

SIGNATURE: .....

SIGNATURE: .....

DATE: .....

DATE: .....