

REPUBLIC OF KENYA



DEPARTMENT OF ENERGY, TRANSPORT, ROADS AND PUBLIC  
WORKS – KISUMU COUNTY.

**TENDER DOCUMENT**

FOR THE PROPOSED

**RENOVATION OF 6 NO. CLASSROOMS FOR OBOCH  
PRIMARY & JUNIOR SCHOOL – NYAKACH SUB**

CONTRACT NO: \_\_\_\_\_

TYPE OF CONTRACT: \_\_\_\_\_

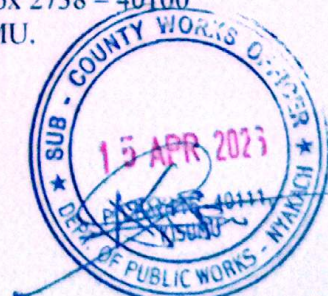
**Employer:**

B.O.M.  
Oboch Primary & Junior School  
P.O. Box – 40109  
SONDU

**Prepared By:**

Sub – County Works Officer  
Nyakach Sub County  
P.O. Box 2738 – 40100  
KISUMU.

**DATE:**  
April, 2026



Edward Othman

ITEM NO.	DESCRIPTION	UNIT	QTY.	KSHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u></b>				
	<b><u>BILLS OF QUANTITIES</u></b>				
	<b><u>SECTION NO. 1</u></b>				
	<b><u>PRELIMINARIES</u></b>				
A	Erection and maintenance of a Publicity Sign board/Branding in compliance with the Public Works design and NG - CDF Board Requirements through out the duration of the Project			Sum	
B	Erection and maintenance of a Site Store/office through out the duration of the Project			Sum	
	<b><u>TOTAL FOR PRELIMINARIES CARRIED TO SUMMARY</u></b>			KSHS.	

ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
	<b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u></b>					
	<b><u>BILLS OF QUANTITIES</u></b>					
	<b><u>SECTION NO. 2</u></b>					
	<b><u>ELEMENT NO. 5</u></b>					
	<b><u>DEMOLITIONS AND ALTERATIONS</u></b>					
	<b><u>Walling</u></b> <u>Carefully demolish existing solid concrete block walling plastered both sides and cart away debris</u>					
A	200mm Thick walls	m2	180			
	<b><u>Concrete Works</u></b> <u>Carefully demolish existing Columns and Beams complete with and including steel reinforcements and cart away debris</u>					
B	200 x 300mm beam	m3	15			
C	200 x 300mm column	m3	10			
	<b><u>Doors</u></b> <u>Carefully remove existing 900 x 2100mm high brazed and butten wooden doors complete with frames including iron mongery and fixed to platered and painted masonry wall and cart away debris</u>					
D	900 x 2100 mm high door	No.	2			
	<b><u>Roof Cover</u></b> <u>Carefully remove existing Roof structure and cover including hook iron anchoring wall plate for new one and cart away debris</u>					
E	30g ordinary roof structure and timber	m2	200			
	<b><u>TOTAL FOR EXTERNAL WALLS CARRIED TO SUMMARY</u></b>					
				KSHS.		

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
1	<p><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u></p> <p><u>BILLS OF QUANTITIES</u></p> <p><u>SECTION NO. 2</u></p> <p><u>ELEMENT NO.1</u></p> <p><u>SUBSTRUCTURE</u></p> <p>(All Provisional)</p> <p><u>NOTES</u></p> <p>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 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.</p>					
2	Cement for all Structural Works in these Bills of Quantities shall strictly be <b>Grade 32.5</b>					
3	Cement for Non-Structural Works in these Bills of Quantities shall be <b>Grade 32.5</b>					
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;					

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
A	<u>Excavations &amp; Earthworks</u> Excavate to reduce levels, not exceeding 1.5m deep from stripped level	m3	24			
B	<u>Disposal</u> Load and Cart away surplus spoil	m3	50			
C	<u>Imported filling</u> 300mm Thick approved hardcore under floor bed well compacted	m2	24			
D	40mm Thick murrum or quarry dust binding to hardcore	m2	24			
E	<u>Damp proof membrane as described :-</u> 1000 Gauge polythene sheet dampproof membrane to horizontal surfaces	m2	24			
F	<u>Anti-termitte treatment</u> Chemical anti-termitte treatment executed by an approved specialist under a ten-year guarantee to horizontal surfaces of the floor slab and around the plinth, e.t.c.	m2	24			
G	<u>Vibrated reinforced concrete class 20 in:</u> 150mm Thick Slab	m2	24			
	<u>Reinforcement</u>					
H	Steel mesh fabric reinforcement to B.S. 4483 Ref. A98 Layer of fabric mesh reinforcement laid in bed with 150mm side and end laps	m2	24			
I	<u>Cement sand ( 1:4 ) render to :-</u> 12mm Thick render to wall externally	m2	92			
J	<u>Prepare and apply two coats of bituminous paint to :-</u> Rendered walls externally	m2	92			
<b><u>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</u></b>				<b>KSHS.</b>		

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.
	<u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u>					
	<u>BILLS OF QUANTITIES</u>					
	<u>SECTION NO.2</u>					
	<u>ELEMENT NO.2</u>					
	<u>RC SUPERSTRUCTURE</u>					
	<u>Concrete Class 20mm in:-</u>					
A	Columns	m3	6			
B	Beams	m3	8			
	<u>Reinforcement; as before described</u>					
C	Assorted Bars	Kg	780			
	<u>Sawn formwork to :-</u>					
D	Vertical sides of columns	m2	24			
E	Sides and soffites of beams	m2	23			
F	Edge of suspended slab 150 - 225 mm high	m	30			
	<u>TOTAL FOR RC SUPERSTRUCTURE</u>					
	<u>CARRIED TO SUMMARY</u>				KSHS.	

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	<p><b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</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.4</u></b></p> <p><b><u>ROOF CONSTRUCTION, COVERING AND RAINWATER DISPOSAL</u></b></p> <p><b><u>ROOF CONSTRUCTION</u></b></p> <p><u>The following in sawn softwood timber including fabricating, hoisting and fixing in position approximately 12,000mm above ground level as per Structural Engineer's drawing</u></p> <p><u>Sawn Cypress or Equivalent Quality</u></p> <p><u>Rates to include all necessary bolting and/or nailing</u></p>					
A	100 x 50 mm rafters/Struts	m	270			
B	75 x 50 mm Purlins	m	320			
C	100 x 50 mm Wall Plate	m	86			
D	100 x 50 mm Tie Beam	m	90			
	<u>Carried to Collection</u>				Kshs.	

ROOF (CONTD)						
A	225mm x 38mm thick fascier board fixed onto ends of rafters	m2	52			
<u>ROOF COVERING</u>						
B	Roof covering as GCI Sheet roofing gauge 30 including roof vents to suppliers recommendations	m2	290			
D	150mm diameter half round ridge tile to match roof tiles	m	16			
<u>Prepare surfaces and apply one coat of aluminium wood primer and two finishing coats of gloss oil paint on:</u>						
E	General wood surfaces	m2	40			
F	Wood surfaces 200 - 300mm girth	m	40			
<u>Structural Steel: 75x3mm thick CHS Posts; 3m long, one end grouted into concrete with and including steel plate and rawl bolts; other end fixed into support timber purlin at eaves.</u>						
G	Stantions; vertical including painting.	m	30			
<u>Carried to Collection</u>					Kshs.	
<u>COLLECTION</u>						
Page No. 2/10						
Page No. 2/11						
<u>TOTAL FOR ROOF CARRIED TO SUMMARY</u>					KSHS.	

ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
	<u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u>  <u>BILLS OF QUANTITIES</u>  <u>SECTION NO. 2</u>  <u>ELEMENT NO. 5</u>  <u>EXTERNAL WALLS, BALUSTRADES AND GRILLES</u>					
	<u>Concrete Block walling in cement and sand mortar (1:3) with minimum crushing strength of 7.0 N/mm<sup>2</sup></u>					
A	200mm Thick walls in Eves filling	m2	120			
	<u>TOTAL FOR EXTERNAL WALLS CARRIED TO SUMMARY</u>				KSHS.	

ITEM NO.	DESCRIPTION	UNIT	QTY.	RATE	KSHS.	CTS.
A	<p><b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</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>INTERNAL WALLS</u></b></p> <p><u>Natural Stone/Concrete Block walling in cement and sand mortar (1:3) with minimum crushing strength of 7.0 N/mm<sup>2</sup></u></p> <p>200mm Thick walls Internal Gables</p>	m2	60			
<b><u>TOTAL FOR EXTERNAL WALLS CARRIED TO SUMMARY</u></b>				KSHS.		

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	<b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</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>Supply and fix the following purpose made casement windows comprising of 50 x 50 x 16 G and 25 mm "Z" section framing including all coupling mullions etc;and complete with bronze handles ,peg stays and other ironmongery; factory primed with red oxide primer including cutting and pining fixing lugs to concrete or masonry work jambs ; bedding in cement and sand (1:3) mortar , pointing all round frames in mastic ,easing ,oiling and adjusting opening lights on completion, including 4 mm glazing; All as per the architect's Schedule of windows</u>						
A	Size 1700 x 1200 mm high	No.	10				
	<b><u>Glazing</u></b>						
B	6mm thick clear glazing in panes 0.5-1.00 m2	m2	6				
	<u>Precast concrete weathered and throated window cills</u>						
B	Window cill over all size 275 x 100 mm high with 3 No labour.	m	26				
C	Prepare and apply three coats gloss paint	m2	3				
	<b><u>TOTAL FOR WINDOWS CARRIED TO SUMMARY</u></b>				<b>KSHS.</b>		

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	KSHS.	CTS.	
	<b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u></b>						
	<b><u>BILLS OF QUANTITIES</u></b>						
	<b><u>SECTION NO. 2</u></b>						
	<b><u>ELEMENT NO. 8</u></b>						
	<b><u>DOORS</u></b>						
	<u>Steel Door</u>						
	<u>Supply and fix the following steel casement door fabricated from 50mm x 25mm x 3mm thick Rectangular Hollow Section ( R.H.S) mild steel framing infilled with 14 gauge mild steel sheet factory primed in red oxide or zinc chromate primer including 6mm thick clear glass infill complete with all necessary purpose made ironmongery, and locks to Architect's details and approval</u>						
A	Size 1200 x 2400 mm high double door	No.	5				
	<u>Touch up primer,prepare and apply three coats of gloss oil paint to</u>						
B	Metal surfaces	m2	40				
	<b><u>TOTAL FOR DOORS CARRIED TO SUMMARY</u></b>				<b>KSHS.</b>		

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	<b><u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</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>						
	<u>Cement Sand (1:4) Screed as described</u>						
A	40mm thick to receive tiles	m2	86				
	<u>Supply and fix with and including Sika Ceramic 100g grey adhesive and grout and pointing to match. Rate to include breakage and cutting waste</u>						
B	400 x 400mm Ceramic tiles in patterns as directed	m2	86				
C	100mm Skirting tile Cut out of tiles above	m	70				
	<u>Cement and Sand (1:4) render</u>						
D	12mm Thick to walls	m2	235				
E	Ditto to gable ends	m2	15				
	<u>Prepare and apply two coats matt emulsion paint to</u>						
F	Plastered surfaces externaly	m2	560				
	<b><u>TOTAL FOR EXTERNAL FINISHES CARRIED TO SUMMARY</u></b>				<b>KSHS.</b>		

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	<b>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL</b>					
	<b>BILLS OF QUANTITIES</b>					
	<b>SECTION NO. 2</b>					
	<b>ELEMENT NO.10</b>					
	<b>INTERNAL FINISHES</b>					
	<b>Floor Finishes</b>					
A	Cement Sand (1:4) screed as described 20 mm Thick steel float finished.	m2	460			
	Supply and fix with and including Sika Ceramic 100g grey adhesive and grout and pointing to match. Rate to include breakage and cutting waste					
B	400 x 400mm Ceramic tiles in patterns as directed	m2	460			
C	100mm Skirting tile Cut out of tiles above	m	219			
D	Cement, sand, lime (1:2:9) in :- <u>Painting and Decorating</u> 12 mm Thick plaster to masonry or concrete surfaces	m2	240			
	<u>Prepare and apply two coats internal quality matt emulsion paint to:</u>					
E	Plastered Wall surfaces	m2	612			
	<b>TOTAL FOR INTERNAL FINISHES CARRIED TO SUMMARY</b>			<b>KSHS.</b>		

**PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.**

ITEM	DESCRIPTION	QTY	UNIT	RATE	COST
	Supply, instal, test and commission the following:  <b><u>LIGHTING POINTS</u></b>				
	<u>Lighting points wired in 3x1.5mm<sup>2</sup> single core PVC copper cables drawn in 20mm H/G PVC Conduit concealed in wall for:</u>				
A	One way switching  <u>Lighting complete with all necessary fixing materials and rated lamps:</u>	5	NO.		
B	1x36 W, 4 ft long bare batten flourescent fitting as T&J or approved equivalent.	6	NO.		
C	Bulkhead fitting 2 - pin complete with energy saving lamp.  <b><u>SOCKET OUTLETS</u></b>	6	NO.		
D	Socket outlets wired in 3x2.5mm <sup>2</sup> single core PVC copper cables drawn in 20mm H/G PVC conduit concealed in wall.  <b><u>CONSUMER UNIT.</u></b>	3	NO.		
C	4-Way consumer unit wired in 3x6mm <sup>2</sup> PVC copper insulated cables drawn in 25mm heavy duty PVC conduit concealed c/w all necessary materials but excluding 6 - way consumer unit and related circuits	1	NO.		
D	4 - Way consumer unit as havels or approved equivalent  <b>Circuit breakers as Havels or approved equivalent</b>	1	NO.		
E	6 Amps	2	NO.		
F	20 - Amps	2	NO.		
<b>TOTAL CARRIED TO COLLECTION PAGE</b>				<b>KSHS</b>	

**STANDARD CABLE LOOP - IN BOX**

<p><b>A</b> Metallic standard cable loop - in box c/w HRC fuses and cut as Henlys and cable glands wired using 2x10mm<sup>2</sup> U/G cable</p>	<p>1</p>	<p>NO.</p>		
<p><b><u>EARTHING</u></b></p>				
<p><b>A</b> Earthing inspection chamber 300x300mm complete with an air inspection cover to approval</p>	<p>1</p>	<p>NO.</p>		
<p><b>B</b> 16mm normal diameter x 1500mm threaded copper bond earth rod as fuse 310 driven to ground.</p>	<p>1</p>	<p>NO.</p>		
<p><b>C</b> Driving stud</p>	<p>1</p>	<p>NO.</p>		
<p><b>D</b> Earth electrode to down conductor copper tape clamp as fuse CR 105.</p>	<p>1</p>	<p>NO.</p>		
<p><b>TOTAL CARRIED TO COLLECTION PAGE</b></p>				
<p><b>SUMMARY PAGE</b></p>				
<p><b>A</b> CARRIED FROM PAGE ..... 01</p>				
<p><b>B</b> CARRIED FROM PAGE..... 02</p>				
<p><b>TOTAL FOR ELECTRICAL WORKS</b></p>				

ITEM NO.	DESCRIPTION		SHS.	CTS.
	<u>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</u>			
	<u>BILLS OF QUANTITIES</u>			
	<u>SECTION NO. 2</u>			
	<u>SUMMARY</u>			
1	SUBSTRUCTURE			
2	DEMOLITIONS & ALTERATIONS			
3	ROOF WORK			
4	RC SUPERSTRUCTURE			
5	EXTERNAL WALLS			
6	INTERNAL WALLS			
7	WINDOWS			
8	DOORS			
9	EXTERNAL FINISHES			
10	INTERNAL FINISHES			
11	ELECTRICAL WORKS			
<u>TOTAL FOR BUILDER'S WORK CARRIED TO MAIN SUMMARY</u>		KSHS.		

ITEM NO.	DESCRIPTION	UNIT	QTY.	KSHS.	CTS.
	<b>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</b>				
	<u>BILLS OF QUANTITIES</u>				
	<u>SECTION NO. 3</u>				
	<u>PRIME COST AND PROVISIONAL SUMS</u>				
	<u>PRIME COST SUMS</u>				
A	Allow the provisional Sum of Kenya Shillings One Hundred and Thirty Eight Thousand for Project Management Committee Allowances		Sum	138,000	00
B	Allow the provisional Sum of Kenya Shillings Ninety Two Thousand for Project Documentation & Supervision by Public Works		Sum	92,000	00
C	Allow the provisional Sum of Kenya Shillings One Hundred and Fifty Thousand for Contingency		Sum	150,000	00
	<u>TOTAL FOR PRIME COST AND PROVISIONAL SUMS CARRIED TO SUMMARY</u>			<u>KSHS. 380,000</u>	<u>00</u>

ITEM NO.	DESCRIPTION		SHS.	CTS.
	<p align="center"><b>PROPOSED RENOVATION OF 6 NO. CLASSROOMS AT OBOCH PRIMARY SCHOOL.</b></p> <p><u>MAIN SUMMARY</u></p> <p>1. PRELIMINARIES (SIGNAGE &amp; BRANDING)</p> <p>2. BUILDER'S WORKS</p> <p>3. PROVISIONAL SUMS</p> <p align="center"><u>TOTAL CARRIED TO FORM OF TENDER</u></p>	KSHS.		

EMPLOYER:

CONTRACTOR

NAME: .....

NAME: .....

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ADDRESS: .....

ADDRESS: .....

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SIGNATURE: .....

SIGNATURE: .....

DATE: .....

DATE: .....