REPUBLIC OF KENYA

MINISTRY OF PUBLIC WORKS, ROADS AND TRANSPORT

PROPOSED RENOVATION

OF

3NO. CLASSROOMS

AT

ST. PETER'S ABWAO PRIMARY SCHOOL

SUNA WEST SUB –COUNTY

BILL OF QUANTITIES

SUB COUNTY WORKS OFFICER
MINISTRY OF P.W.R.T & E
P.O.BOX 265
MIGORI

ST. PETER'S ABWAO PRIMARY SCHOOL
P.O BOX 14 - 40400
SUNA - MIGORI

FY 2026-2027

MEASURED WORKS.

BILL NO. 1: SUB STRUCTURE

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Hardcore as describe:				
A	300 mm thick approved hard core filling Hand packed In two layers.	Cm	26		
	Blinding.				
B	50 mm thick murram blinding or other approved Blinding to surface of hardcore rolled smooth to Receive polythene sheeting [m.s].	Sm	120		
	Insecticide treatment .				
C	TERMIDOR 25 EC' or other equal and approved chemical insecticide treatment prepared and applied to the manufacture's instructions.	Sm	120		
	Damp proof membrane.				
D	500 gauge polythene plastic sheet damp proof Membrane laid on blinding (measured Nett-allow for laps).	Sm	120		
	In –situ Concrete Work.				
	Vibrate Reinforced Concrete class 20/20-1:2:4 as described to:				
E	200mm thick Strip footing.	Cm	-		
F	100 mm thick floor slab	Sm	120		
	Reinforcement bars to B.S 4461				
G	Fabric mesh reinforcement to BS 4483 REF A66including laps ,tying wires and spacer blocks complete	Sm	120		
	Carried to collection				

BILL NO. 1: CONT'D

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Plinth area finishes				
A	12mm thick cement sand [1:3] wood float render to plinth area.	Lm	18		
B	Prepared and apply three coats of bituminous black paint to rendered plinth area.	Sm	18		
	Carried to collection				

BILL NO. 1: CONT'D

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	. COLLECTION Brought forward from page. 1 Brought forward from page 2				
Total for Bill No. 1 Substructures carried forward to summary page					

BILL NO.2: WINDOWS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply and fix the following ex-shaped purpose made welded mild steel casement windows comprising of standard Z-section framing including all couping mullions and/or transoms metal gauze permanent vents complete with approved fasteners and stays as described in:				
A	1500 × 1200 mm High	No	9		
	Window Cill				
C	100 × 150 mm Clay tile window cill bended in cement and sand [1:3] mortar	Lm	15		
	Glazing				
	4 mm thick clear sheet glass in metal putty in:				
D	Panes exceeding.0. 50sq.metre but not exceeding 1.0sq.metre	Sm	11		
	Prepare and apply one undercoat and two finishing gloss oil paint to:				
E	General surface of metal [windows] internally	Sm	3		
F	General surface of metal [windows] externally	Sm	3		
	Total for Bill No. 2 Windows carried forward to summary page				

BILL NO .3: DOORS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Steel Doors				
A	1200×2400 mm high single leaved doors to details	No	3		
	4 mm thick clear sheet glass in metal putty in:				
B	Panes exceeding. 50sq.metre but not exceeding 1.0sq.metre	Sm	2.7		
	Prepare and apply three coats of super gloss oil paint on :				
C	General surfaces of metal doors internally and externally	Sm	1.9		
	Total for Bill No 3. Doors carried to summary page				

BILL NO .4 : FINISHES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	FLOORS FINISHES				
	Cement and [1:3] screed as described				
A	40 mm thick coloured screed in 3mm backing steel trowelled smooth	Sm	120		
	WALL FINISHES				
B	12 mm thick cement sand plaster (1:4) finished smooth with steel trowel as described to gables	Sm	87		
C	12mm thick cement sand render (1:4) finished smooth with steel trowel as described to walls externally	Sm	73		
	Carried to collection				

BILL NO.4: CONT'D

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Painting and decoration				
	Prepare and apply one undercoat and two finishing coats of emulsion paint on:				
A	Rendered surfaces	Sm	73		
	INTERNAL WALL FINISHES				
	15 mm thick cement sand plaster (1:4) finished smooth with steel trowel as described:				
B	Walls	Sm	87		
	Paintings and decoration				
	Prepare and apply one undercoat and two finishing coats of gloss oil paint on:				
C	Plastered surfaces	Sm	87		
	Prepare and apply one undercoat and two finishing coats of bitumistic paint to black board on:				
D	Plastered chalkboard surfaces	Sm	1.8		
	Total for Bill No. 4.Finishes carried forward to summary page				83,610

BILL NO.4: CONT'D

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	COLLECTION				
A	Total brought forward from page 10				
B	Total brought forward from page 11				
	Total for Bill No. 4.Finishes carried forward to summary page				

BILL NO. 5: ROOFING

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Roofing and rain water Disposal (Provisional).				
	Construction.				
	All timber to be sawn Blue gum of G.S grade Seasoned to an equilibrium moisture content of Between 9% and15% and to the requirement And treated with approved wood preservative.				
A	100x50mm truss units.	Lm	10		
B	100x50mm wall plate.	Lm	56		
C	75x50mm Purlins.	Lm	20		
D	200x25mm thick fascia and verge boards.	Lm	25		
	Roof covering.				
E	Gauge 30 Company pre-painted iron sheets	Sm	164		
F	Half round ridge cap to match roof Covering.	Lm	8		
	Painting.				
	Prime only back of wood before fixing.				
G	General surface of wood 150-200mm girth.	Lm	25		
	Knot prime stop and prepared and apply one Undercoat and two finishing coats of gloss oil Paint to:				
H	General surfaces of wood 150-200mm girth.	Lm	25		
	Total for Bill No. 5; Roofing Works carried to summary page				

SUB TOTAL PAGE

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	Sub structure				
B	Windows				
C	Doors				
D	Finishes				
E	Roofing				
	TOTAL CARRIED TO GRAND SUMMARY				

PROPOSED RENOVATION OF 3NO. CLASSROOMS BLOCK AT ABWAO PRI. SCHOOL. **BILL OF QUANTITIES**

GENERAL GRAND SUMMARY PAGE

ITEM	DESCRIPTION	PAGE	CONTRACTOR 'S SUM KSHS.	CTS	OFFICIAL USE KSHS	CTS
1.	TOTAL FOR MEASURED WORKS	9.				
2.	PROJECT MANAGEMENT		45,000			
3.	SIGN POST AND BRANDING		15,000			
	SUB TOTAL					
	RATES ARE INCLUSIVE OF TAXES					
	GRAND TOTAL					

AMOUNT IN WORDS (KSHS).

CONTRACTOR……

SIGNATURE……STAMP……DATE……

G.S.