# REPUBLIC OF KENYA

# MINISTRY OF PUBLIC WORKS, ROADS AND TRANSPORT

## PROPOSED RENOVATION

## OF

## 2NO. CLASSROOMS

## AT

## OBEMBO 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

OBEMBO PRIMARY SCHOOL
P.O BOX 930 - 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 | Sm | 120 | | |
| G | Fabric mesh reinforcement to BS 4483 REF A66including laps ,tying wires and spacer blocks complete | | | | |
| | 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 |
|---|---|---|---|---|---|
| | .<br>COLLECTION<br><br>Brought forward from page. 1<br>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 | 1200 × 1000 mm High | No | 8 | | |
| | Window Cill | | | | |
| C | 100 × 150 mm Clay tile window cill bended in cement and sand [1:3] mortar | Lm | 12 | | |
| | 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 | 2 | | |
| | 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 | | | | |

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 | | | | |

SUB TOTAL PAGE

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

**PROPOSED COMPLETION OF TWO CLASSROOMS BLOCK AT OBEMBO 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 | | 30,000 | | | |
| | SUB TOTAL | | | | | |
| | RATES ARE INCLUSIVE OF TAXES | | | | | |
| | GRAND TOTAL | | | | | |

AMOUNT IN WORDS (KSHS).

CONTRACTOR……

SIGNATURE……STAMP……DATE……

G.S.