



REPUBLIC OF KENYA

MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT

STATE DEPARTMENT FOR PUBLIC WORKS

BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS AT MUNENGI PRIMARY SCHOOL, NAIVASHA CONSTITUENCY

W. P. ITEM No.....

UNPRICED BILL OF QUANTITIES

REGIONAL WORKS OFFICER
STATE DEPARTMENT FOR PUBLIC WORKS,
P.O. BOX 660-20100,
NAKURU.

CLIENT
NG-CDF NAIVASHA CONSTITUENCY,
P.O BOX 1918-20117,
NAIVASHA

SEP, 2026

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

[illegible]

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	ELEMENT NO. 2 SUBSTRUCTURE (All Provisional) <u>Plinth finishes</u> <u>Render, cement and sand (1:3) wood floated</u> 12mm thick 2 No. coat work, to concrete or blockwork base (m/s) generally external <u>Painting; 3 coats black bituminous paint to</u>	41	SM		
B	Rendered surfaces external <u>Paving plinth</u> <u>Insitu Concrete; class 15/20</u>	41	SM		
C	50 mm thick plain concrete paving plinth; 600mm wide with approved pattern	32	SM		
	Total for Substructures carried to Summary				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	ELEMENT NO. 3 <u>VERRANDAH CONSTRUCTION</u> <u>Steel columns</u> <u>75mm diameter x3mm thick CHS stanchions with 200x250x8mm steel base plate(ms) covered by concrete, welded at the top ad 4No x16mm diameter x250 long anchor bolts</u> 3000mm high columns	16	NO		
B	<u>Sundries</u> Twice frilling U- holdersbat for 12mm diameter bolt to receive wall plate	16	NO		
C	<u>Painting and decorating</u> <u>Prepare and apply one coat lead oxide primer and three coats gloss oil paint to:</u> General metal surfaces	48	LM		
	Total Reinforced Concrete carried to Summary				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.4</u>				
	<u>ROOF AND RAIN WATER GOODS</u>				
	<u>Roof covering</u>				
	<u>Gauge 28 prepainted resin coat IT5 roofing sheets; colour as selected by Architect; fixed with self-drilling fasteners to steel purlins; allow foam fillers to open eaves and ridge</u>				
A	Roof covering not exceeding 30 degrees from the horizontal	459	SM		
B	Ridge cap in matching materials	38	LM		
C	Valley flashing in matching materials	12	LM		
D	100 x 50mm Ridge board	38	LM		
	<u>CARPENTRY</u>				
	<u>Structural timbers</u>				
	<u>Truss joints to be bolted with appropriated No. of shear connectors or as instructed by Structural Engineer and hoisting approximately 2850mm above ground floor level</u>				
	<u>All timber to be sawn cypress of G.S grade seasoned to an equilibrium moisture content between 9%and 15% and to a requirement of K.S 02771 of 1991 treated with approved wood preservative.</u>				
E	100 x 50mm King post	27	LM		
F	Ditto trussed rafters	156	LM		
G	Ditto tie beam	130	LM		
H	Ditto Tie or strut	195	LM		
J	75 x 50mm purlin/battens	230	LM		
K	100 x 50mm Wall plate bedded in cement : sand (1:3) mortar secured to reinforced concrete ring beam (m/s) by mild steel16mm diameter anchor bolts at 1000mm centres	56	LM		
	<u>Boarding</u>				
	<u>Wrought cypress, prime grade, pressure impregnated</u>				
L	225 x 25mm thick Fascia or barge boards	63	LM		
	Total Carried to collection				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Painting and decorating</u>				
	<u>One undercoat and two coats oil paint full gloss finish to crown paints or equal and approved</u>				
A	Timber surfaces 200 to 300mm girth external	63	LM		
	<u>Gutterwork , PVC gutter and fittings</u>				
B	150 mm PVC Gutters half round in running lengths, fixing with brackets at 1000mm centres and with appropriate jointing; and all the necessary accessories	76	LM		
C	Extra over gutters for 100mm diameter pipe outlet	6	NO		
D	Ditto stopped end piece	4	NO		
	<u>Rainwater pipework</u>				
E	100mm diameter pipes complete with connections in the running lengths, fixing with PVC holdersbats at 1000mm centers to backgrounds requiring plugging on walls; including all the necessary accessories	18	LM		
F	Extra over pipework for swanneck	6	NO		
G	Ditto for shoe	6	NO		
	Total Carried to collection				
	<u>COLLECTION</u>				
	B/F from page 4				
	B/F from above				
	Total Roofing Carried to Summary				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	ELEMENT NO. 5 DOORS Glazing 4mm thick clear sheet glass and glazing with putty to casement door in panes 0.10m - 0.05m squared Painting and decorating <u>Prepare and apply one coat etching primer two undercoats and one coat oil paint full gloss furnish to metal work</u>	2	SM		
B	General surfaces of steel doors (both sides measured overall)	17	SM		
	Total Doors Carried to Summary				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	ELEMENT NO. 6 WINDOWS Glazing 4mm thick clear sheet glass and glazing to metal with putty and including setting of edges of glass in wash leather in panes n.e 0.1m² Painting and decorating One undercoat, two coats oil paint gloss finish as crown paints or other equal and approved catalogue	26	SM		
B	Metal window surfaces generally internally and externally measured overall	52	SM		
	Total Windows carried to summary				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 7</u>				
	<u>FINISHES</u>				
	<u>External finishes</u>				
	<u>Render</u>				
	<u>15mm thick cement:sand (1:3) render finished with woodfloat to:</u>				
A	Concrete/masonry surfaces to receive exterior paint work (measured separately)	253	SM		
	<u>Painting and decorating</u>				
	<u>Prepare and apply -2no. coats Anti-Algea priming coat on exposed wall surfaces as per the manufacturers specifications and -3no. coats Wheather Guard paint as manufactured by Caparol or equivalent quality to:</u>				
B	Rendered concrete/ masonrysurfaces (measured separately)	253	SM		
Total Carried to collection					

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Wall finishes</u>				
	<u>Plaster; 9mm thick first coat of cement and sand (1:6); 3mm second coat to cement and lime putty (1:10); steel trowelled smooth</u>				
A	12mm thick to concrete or masonry walls	364	SM		
B	Extra over for black board	72	SM		
	<u>Prepare and apply 1no. Priming undercoat to manufacturers specifications and -3no. finishing coats - vinyl Silk as manufactured by Caparol Paints or equivalent on clean wall surface free of dust, algae, and undulations to;</u>				
C	Plastered walls (m.s)	364	SM		
	<u>Prepare and apply three coats black bituminous paint to;</u>				
D	Plastered black board surfaces	72	SM		
	<u>Floor finishes</u>				
	<u>Screed</u>				
	<u>Cement : sand (1:3) wood floated screeds, backings, beds</u>				
E	32mm thick to receive non slip ceramic tiles (measured separately)	348	SM		
	<u>Ceramic floor tiles</u>				
	<u>Saj ceramic tiles or other equal and approved ceramic tiles to B.S. 1281; local; non-slip friction resistant coloured ceramic tiles to regular or approved B.S.1281 other pattern; jointed and pointed in coloured proprietary grouting to match; only ceramic tiles to walls on prepared bed (m.s) with propriety adhesive; jointed including pvc spacers, joint trims and expansion joint as necessary: all to Architect's approval: to;</u>				
F	Floors generally; 300x300mmx8mm thick	348	SM		
G	20x100mm high ceramic tile skirting with rounded junction with wall finish and coved junction with floor internal	170	LM		
Total Carried to collection					

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection</u> B/F from page 8 B/F from page 9				
	Total Finishes carried to summary				

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY</u>				
	Preparatory Works				
	Substructures				
	Verrandah Construction				
	Roof and rain water goods				
	Doors				
	Windows				
	Finishes				
Total Builders work Carried to Grand Summary					

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PRIME COST AND PROVISIONAL SUMS</u> <u>The following sums are to be measured on completion and priced in accordance with the rates contained in this Bill of Quantities or prorata thereto or deducted in whole if not required</u> <u>Prime cost sums</u> <u>Electrical works</u> A Provide a prime cost sum of Kshs One Hundred Thousand (100,000.00) only for electrical installation works <u>Provisional sums</u> B Provide a provisional sum of Kshs One hundred and twenty Thousand (120,000.00) only for Engineer's documentation and Project Management Committee Expenses C Provide a provisional sum of Kshs Ten Thousand (10,000.00) only for CDF Logo, labelling and Branding				
Total Prime Cost and Provisional Sums carried to Grand Summary					

**BILL OF QUANTITIES FOR THE PROPOSED RENOVATION TO COMPLETION OF 4 NO. CLASSROOMS
AT MUNENGI PRIMARY SCHOOL**

GRAND SUMMARY				
ITEM	DESCRIPTION	Page No	For Official use only	For Tenderers use only
A	Builders work	B/11		
B	Prime Cost & Provisional Sums	PC/PS 1		
	Sub total			
	Add 0.03% PPRA Levy			
TOTAL CARRIED TO FORM OF TENDER (ALL TAXES INCLUSIVE) : KSHS				

Contract period.....Weeks

Tender Sum in words: Kenya Shillings.....
.....
.....

Tenderer's Name.....

Address.....

Date Signature and stamp.....

Witness Name.....

Address.....

Date Signature.....