



REPUBLIC OF KENYA



COUNTY GOVERNMENT OF NYANDARUA

DEPARTMENT OF PUBLIC WORKS, ROADS, TRANSPORT, HOUSING AND
ENERGY

PROPOSED RENOVATION WORK AT MUMUI ECDE CLASSROOM BLOCK

FOR

THE DEPARTMENT OF EDUCATION, CHILDREN, GENDER AFFAIRS, CULTURE
AND SOCIAL SERVICES

BILLS OF QUANTITIES

ARCHITECT,
COUNTY ARCHITECT,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

QUANTITY SURVEYOR,
COUNTY QUANTITY SURVEYOR,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

ELEC/MECH ENGINEER
COUNTY ELEC / MECH. ENGINEER,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

STRUCTURAL ENGINEER,
COUNTY ENGINEER - STRUCTURAL
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

SEPTEMBER, 2024

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<p><u>ELEMENT NO. 01 - PRELIMINARIES</u></p> <p>The Contractor is to allow for all Preliminaries including site offices and stores, transport of workmen to and from site, transport of materials, supply, setting out, servicing, fueling of the plant and equipment, provision of plant operator, insurance for the works shall be the sole responsibility of the contractor and all other preliminaries incidental to these works</p>				
A	Allow for all Preliminaries associated with the works	Item	1		
B	Carefully remove Existing Roofing covering material approximately 40 Sm And hand over to the Client.	Item	1		
C	Carefully remove 2 No Flush door And hand over to the Client.	Item	1		
	Element 01				
	PRELIMINARIES CARRIED TO GRAND SUMMARY			KSHS	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 02 - VERANDA</u>				
	<u>Oversite excavation</u>				
A	Excavate oversite to remove top soil average 150mm deep and remove from site	SM	18		
	<u>Excavation</u>				
	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials</u>				
B	For foundation trench starting from reduced level not exceeding 1.50 meters deep.	CM	63		
C	Return, fill-in and rum selected excavated materials around foundations	CM	15		
D	Remove and cart away from site surplus excavated materials spread on site as shown by the Client.	CM	15		
	<u>Filling</u>				
E	Hardcore filling in making up levels, hand packed, exceeding 300mm thick in layers of 150mm maximum thickness	CM	6		
F	50mm thick murrum blinding to surfaces of fill	SM	18		
	<u>In situ concrete; reinforced; class 20 / 20; vibrated</u>				
G	150mm thick bed	SM	18		
	<u>Fabric; B.S. 4483</u>				
H	Reference A98 mesh 200 x 100 mm , weight 1.54 kgs per square meter (measured net - no allowance made for laps(including bends, tying wire and distance blocks	SM	18		
	<u>Floor finishes</u>				
	<u>In situ Finishings</u>				
	<u>Screed; cement and sand (1:3) coloured</u>				
I	40mm thick screed to concrete or blockwork base generally to floors level;	SM	74		
	Element 02				
	VEERANDA CARRIED TO SUMMARY			Kshs.	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 03 - ROOFING</u>				
	<u>Galvanized corrugated Sheet roofing; 30 gauge; Pre-painted</u>				
A	Roof covering not exceeding 45 ⁰ from horizontal; fixing to timber structure (m/s) with roofing nails and neoprene washers.	SM	40		
	<u>Accessories, fixing as necessary to roof sheets</u>				
B	150mm dia. Half round ridge cap	LM	12		
	<u>CARPENTRY</u>				
	<u>The following in wrot cypress</u>				
C	200 x 25mm thick fascia/barge boards	LM	44		
	<u>Painting and Decorations</u>				
	<u>On Woodwork</u>				
	<u>Prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-</u>				
D	Fascias; 200 to 300mm girth; external	LM	44		
E	To the general surface of the roof covering Material	SM	80		
	Element 03				
	Roofing (All Provisional) Carried Forward			Kshs.	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 04 - OPENINGS</u>				
	<u>DOORS</u>				
	<u>Painting and Decorations</u>				
	<u>Aluminium primer or other equal and approved wood primer before fixing: -</u>				
A	Backs of frame, board, etc over 100mm but not exceeding 200mm girth	LM	5		
B	Ditto not exceeding 100mm girth	LM	44		
	<u>Knot, prime and stop and prepare and apply one undercoat and three coats of gloss oil paint to woodwork internally</u>				
C	General surfaces of timber doors	SM	5		
D	Frames; 100mm to 200mm girth	LM	4		
E	Ditto not exceeding 100mm girth	LM	44		
	<u>Purpose made Z range casement steel doors in small panes c/w framework, integrated steel bull hinges and 150mm recessed towerbolts and permanent ventilators including 20 x 50mm burglar proof flats welded to door running along grids of small pane divisions; all welding ground smooth</u>				
F	Double door; 900 x 2700mm high, ; 3 pairs 150mm long purpose made hinges and all necessary ironmongery	N0	2		
	<u>Glazing</u>				
G	4mm Thick clear sheet glass panes; fixing with premium putty	SM	2		
	<u>Prepare and apply one coat etching primer; one undercoat and two coats gloss oil paint to Crown Solo or other equal and approved to: -</u>				
H	General surfaces of metal casement doors and windows; over 300mm girth.	SM	12		
	Element 04				
	OPENINGS			Kshs.	
	CARRIED TO SUMMARY				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 05 - FINISHES</u> <u>Render: 18mm thick, 1 No. coat work of cement and sand (1:3); wood floated to concrete or blockwork base generally to: -</u>				
A	Beams and walls; external	SM	33		
	<u>Plaster: 18mm thick, 2 No. coat work, 15mm first coat of cement sand (1:3); 3mm second coat of cement and lime putty (1:9); steel trowelled to concrete or blockwork base</u>				
B	Walls; internal	SM	85		
	<u>Electrical conduit work</u>				
C	installation of conduits and boxes for lighting and power points	ITEM	1		
	<u>Floor finishes</u>				
	<u>In situ Finishings</u>				
	<u>Painting and Decorations</u>				
	<u>Prepare and apply one undercoat and three coats of first quality emulsion paint to the following surfaces</u>				
D	Rendered surfaces	SM	33		
E	Plastered surfaces	SM	85		
	Element 05				
	Finishes			Kshs.	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward			Kshs.	
	<u>Ceiling finishes</u>				
	<u>Wrot cypress</u>				
A	75 x 25mm moulded cornice <u>Approved sawn softwood; second grade; pressure impregnated.</u>	LM	40		
B	50 x 50mm brandering	LM	109		
C	50 x 50mm ditto; plugged	LM	81		
	<u>Chip board</u>				
D	9mm thick plain chip-board ceiling boards nailed to timber brandering (m/s); nails punched and puttied	SM	62		
	<u>Painting and Decorations</u>				
	<u>Prepare and apply one undercoat and three coats of first quality emulsion paint to the following surfaces</u>				
E	Chip-board ceiling boards	SM	62		
F	Moulded cornice not exceeding 100mm girth	LM	40		
	Element 05				
	FINISHES CARRIED TO SUMMARY			KSHS	

	<u>SUMMARY</u>		
1	Preliminaries	BW / 1	
2	Veranda	BW / 2	
3	Roofing Construction and Covering	BW / 3	
4	Openings	BW / 4	
5	Finishes	BW / 6	
	TOTAL FOR BUILDER'S WORKS CARRIED TO GRAND SUMMARY		

PROVISIONAL SUMS

<u>PROVISIONAL SUMS</u>				
	<u>The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required</u>			
A	Allow a Provisional Sum of Kenya shillings TenThousand only for Supervisory Expenses	ITEM		10,000
	PROVISIONAL SUMS CARRIED TO SUMMARY		KSHS	10,000

GRAND SUMMARY

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR OFFICIAL USE ONLY	FOR TENDERER USE ONLY
			KSHS.	KSHS.
A	Preliminaries	BW/1		
B	Builder's Works	BW / 7		
C	P.C & Provisional Sums	BW / 9		10,000.00
	SUB-TOTAL			
	ADD 1% PROJECT MANAGEMENT PAYABLE TO COUNTY REVENUE ACCOUNT			
	TOTAL CARRIED TO FORM OF TENDER INCLUSIVE OF 16% V.A.T.			

Amount in words. Kenya shillings

.....

.....Cents

Tenderer's Signature and stamp.....

Address

.....

Date

Witness Signature

Address

.....

Date