REPUBLIC OF KENYA

MINISTRY OF TRANSPORT, INFRASTRUCTURE, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT

STATE DEPARTMENT OF PUBLIC WORKS

BILL OF QUANTITIES

FOR

PROPOSED RENOVATION OF 10NO. CLASSROOMS AND AN OFFICEAT ST. MARTINS PRIMARY

NG-CDF-KILIFI SOUTH

REGIONAL QUANTITY SURVEYOR
COAST REGION
P.O. BOX 90350
MOMBASA

REGIONAL WORKS OFFICER
COAST REGION
P.O. BOX 90350
MOMBASA

F/Y 2026/2027

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 1				
	SUB-STRUCTURE WORKS AND RINGBEAM				
A	Excavate oversite average 150mm deep and cart away	0	Sm		
B	Excavate trench for strip foundation not exceeding 1.5m deep	53	Cm		
C	Return fill and ram	35	Cm		
D	Cart away surplus excavated materials	18	Cm		
E	Extra-over excavation for excavating in rock	0	Cm		
F	Allow for planking and strutting	1	Item		
G	Allow for keeping excavations free from water	1	Item		
	Hardcore: -				
H	300mm thick approved hardcore	160	Sm		
I	50mm thick murram blinding	160	Sm		
J	Treat hardcore surface with approved antitermite	160	Sm		
	Concrete works: -				
K	Plain concrete (1:4:8) in 50mm blinding under strip foundation	35	Sm		
	Vibrated reinforced concrete (1:2:4) in: -				
A	Strip foundation	0	Cm		
B	100mm surface slab	160	Sm		
	Formwork to: -				
C	Edges of surface slab 75 - 150mm wide	59	Lm		
	High yield deformed bars: -				
D	8mm diameter bars	0	Kg		
E	10mm ditto	0	Kg		
F	BRC mesh type A142	160	Sm		
	Carried to collection				

	Sub-wall: -				
G	200mm thick natural stone block walling in cement sand (1:3)mortar reinforced every alternate course with hoop iron	216	Sm		
H	Ditto attached pier size 400x200mm	0	Lm		
	Vibrated reinforced concrete (1:2:4) in: -				
I	Beams	6	Cm		
	Formwork to: -				
J	Sides and soffites of ring beams	78	Sm		
	High yield deformed bars: -				
K	8mm diameter bars	82	Kg		
L	12mm ditto	126	Kg		
	Carried to collection				
	COLLECTION: -				
	Brought forward from page CL / 1				
	Brought down from above				
	TOTAL OF SUBSTRUCTURE WORKS				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 2 ROOFING				
A	Carefully remove roofing sheets including timber and dispose where directed	1	ITEM		
	Sawn treated cypress: -				
B	100 x 50mm rafters	1296	Lm		
C	100 x 50mm rafters	0	Lm		
D	150 x 50mm tie beams	460	Lm		
E	150 x 50mm king posts	126	Lm		
F	100 x 50mm ties and strutts	980	Lm		
G	150x50mm verandah joist	118	Lm		
H	100 x 50mm wall plate	240	Lm		
I	75 x 50mm purlins	980	Lm		
J	200 x 25mm wrot cypress fascia board	280	Lm		
K	75mm diameter x 2mm thick mild-steel CHS verandah posts	126	Lm		
L	75mm wide x 250mm girth x 3mm thick "U' shaped plate welded to top of pipe	42	No		
	Roof coverings: -				
M	30 gauge pre-painted Corrugated roofing sheets	1630	Sm		
N	Matching ridge caps	76	Lm		
O	Prepare and apply under-coat and two coats gloss oil paint on fascia board 200-300mm girth	280	Lm		
	TOTAL OF ROOFING CARRIED TO SUMMARY				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 3				
	DOORS				
A	Carefully remove timber door size 900 x 2100 mm & store where directed including making good disturbed surfaces	1	ITEM		
B	Supply & fix heavy duty mild steel door size 1400 x 2400 mm comprising 50 x 50 x 3 mm thick SHS framing 4 mm thick panelled plates welded to framing including all necessary hinges, bolts, fanlights with mosquito gauze & metal lugs	11	No		
	DOORS CARRIED TO SUMMARY				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 4				
	WINDOWS				
C	Carefully remove windows msize 1700 x 1220mm & store where directed, including making good disturbed surfaces & store where directed	1	ITEM		
	Supply & fix				
D	Heavy duty mild steel as of casement window size 1500 x 1500 mm comprising 50 x 45 x 3 mm framing members ("Z" & "T" Sections) including all necessary hinges, bolts, fasteners,grilled sections with mild steel 8mm thick for the moveable and unmoveable sections	40	No		
	WINDOWS CARRIED TO SUMMARY				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 5				
	FINISHES				
	Floor finishes/Wall Finishes				
A	25 mm thick cement sand (1:3) floor screed with red oxide	890	Sm		
B	15mm thick cement, sand, lime (1:3) plaster on walls, internally and externally	774	Sm		
	Black-board size 4x1.5m				
D	15mm thick cement, sand, lime (1:3) plaster mixed with black oxide	60	Sm		
	FINISHES CARRIED TO SUMMARY				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 6				
	PAINTING				
	Prepare & apply primer & two coats gloss oil paint on:				
A	Wall Surfaces both Internally and Externally	1583	Sm		
	PAINTING CARRIED TO SUMMARY				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	ELEMENT NO. 7				
	DEMOLITIONS				
A	Carefully bring down the wall ontop of the lintel i.e. three courses of approximately area 216 SM	1	ITEM		
B	Carefully demolish mud built ramp and remove debris i.e 2no. Ramp	1	ITEM		
C	Carefully hack off the existing potted floor and remove all debris as may be directed by the project manager approx 780SM	1	ITEM		
	DEMOLITIONS CARRIED TO SUMMARY				

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	SUB-STRUCTURE **SUMMARY**				
1	SUBSTRUCTURE WORKS CL/2				
2	ROOFING FROM PAGE CL/3				
3	DOORS FROM PAGE CL / 4				
4	WINDOWS FROM PAGE CL / 5				
5	FINISHES FROM PAGE CL / 6				
6	PAINTING FROM PAGE CL / 7				
7	DEMOLTIONS FROM PAGE CL/8				
TOTAL OF BUILDERS WORK CARRIED TO MAIN SUMMARY					

Item No	Description	Qty	Unit	Rate	Total (Kshs)
	PRIME COST & PROVISIONAL SUMS				
	Provisional sums				
A	Provide a provisional sum of Kshs 200,000 for project management and supervision				200,000
B	Provide a provisional sum of Kenya shillings Ninety thousand for electrical works which caters for electical Piping,Conduits and Wiring.				90,000
	P.C. & PROVISIONAL SUMS CARRIED TO GRAND SUMMARY				**290,000**

Item No	Description	Total (Kshs)
	GRAND SUMMARY	
A	BUILDERS WORK FROM PAGE BW / 1	
B	P.C. & PROVISIONAL SUMS FROM PAGE PS / 1	290,000
	Sub total	
	Add 16% VAT	
	Add 0.03% Capacity Building Levy	
	TOTAL CARRIED TO FORM OF TENDER	

AMOUNT IN WORDS ……...…….

CONTRACTORS NAME……...……..

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ADDRESS……..……

SIGNATURE ……..……DATE……...……

NAME OF WITNESS……...……..

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ADDRESS……..……

SIGNATURE ……..……DATE……..……

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