PROPOSED RENOVATION TO COMPLETION OF FOUR (4) CLASSROOMS, PURCHASE OF 100 LOCKERS AND CHAIRS AT KASAMBARA PRIMARY SCHOOL IN GILGIL CONSTITUENCY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 1				
	Ramp				
K	Mass concrete class "Q" mix (1:3:6) in ramp on and including blinded hardcore bed 100mm thick tamped finish including masonry walling complete with all excavations and soil disposal	3	SM		
	Paved areas around Building plinth				
A	50mm thick in-situ concrete 600mm wide screeded with cement sand 1:4 mix steel trowelled hard and smooth	17	SM		
	TOTAL CARRIED TO SUMMARY		1		

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 2				
A	28 gauge prepainted IT5 galvanised iron roofing sheets nailed on purlins (M/S) ;with one corrugation edge lap and 150mm end lap	82	SM		
B	200x25mm wrot cypress fascia and badge board nailed onto edge of rafters	31	LM		
C	100 x 50 rafters	69	LM		
D	100 x 50 tie beams	45	LM		
E	100 x 50 Kingpost	14	LM		
F	100x 50mm struts and ties	82	LM		
G	75 x 50mm Purlins at 1200mm centres	90	LM		
G	100 x 50 Bearer	10	LM		
	Knot,prime, stop,prepare surfaces and apply one undercoat and two finishing coats of gloss oil paint on				
H	General timber surfaces 200 to 300mm girth externally	40	LM		
	TOTAL CARRIED TO COLLECTION				
	COLLECTION From Page 1 From Above				
	TOTAL FOR ROOF CARRIED TO SUMMARY		PAGE 2		

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 3: DOORS				
	Painting and Decorations to Metal surfaces				
	Prepare surfaces and apply one coat (undercoat) and two coats polyurethene clear lacquer paint as "Crown Paints" or other equal approved: on metal surfaces: to				
A	1200 x 2400 mm overall ;2No.600mm each leaf	1	NO		
B	Door; general surfaces	5	SM		
	TOTAL FOR DOORS CARRIED TO SUMMARY		**PAGE 3**		**0.00**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO.4: WINDOWS				
A	Window size 1500 x 1500mm high overall	5	NO		
B	Panes: Exceeding 0.1 but not exceeding 0.50 sm	9	SM		
	Prepare surfaces: and apply undercoat and two finishing coats first grade gloss paint as "Crown Paints" or other equal approved: on metal surfaces: to				
C	General metal surfaces (both sides)	18	SM		
	TOTAL FOR WINDOWS CARRIED TO SUMMARY		**PAGE 4**		**0.00**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 5: FINISHES				
	Internal Wall Finishes				
	Cement and sand (1:4): to walls: in				
	Plaster: 12 mm first coat of cement/lime putty/sand (1:2:9): 3 mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to				
A	Walls and Beams internally	110	SM		
B	Extra over for black board	15	SM		
C	Apply skimming 2.no coat to walls using Ideal Skimming Products or other equal and approved	110	SM		
	Ceiling Finishes				
	Sawn cypress, pressure impregnated as described in:-				
D	50x50mm brandering	81	LM		
E	75X50mm ditto plugging	23	LM		
	Wrot cypress prime grade as described in:-				
F	75x25mm cornice with three labours; plugged	23	LM		
G	12mm thick 'celotex' ceiling lining with vee butt joints	60	SM		
H	450 x 450mm softboard trap door;complete with necessary ironmongery and rebatted frame	1	NO		
	FLOOR FINISHES				
	INTERNAL FLOOR FINISHES & EXTERNAL FLOOR FINISHES				
	Cement and sand (1:3) screed: to hacked floors: in				
J	25mm thick cement sand (1:3) backing to receive tiles	60	SM		
	Approved; local; non-slip; ceramic floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement				
K	300x300mm ceramic floor tiles; internal	60	SM		
L	Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish	28	LM		
	TOTAL CARRIED TO COLLECTION	**PAGE 5**			

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Painting and Decorations				
	Prepare and apply three coats silk vinyl plastic emulsion paint as described on:-				
B	Plastered surfaces	53	SM		
C	Soft board ceiling	60	SM		
D	Rendered surfaces external	27	SM		
	Prepare and apply three coats black board paint to:				
E	Plastered surfaces	15	SM		
	TOTAL CARRIED TO COLLECTION				
	COLLECTION				
	From Page 5				
	From Above				
	TOTAL FOR FINISHES CARRIED TO SUMMARY		PAGE 6		0.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 6- ELECTRICALS **ELECTRICAL INSTALLATIONS** **Supply, install,test and commission the following**				
A	Lighting points wired in 3x1.5 sq mm sc PVC copper cables drawn in 20 mm diameter HG PVC conduits concealed in building fabric including all accessories but without lighting switches and fittings for one way switching	1	NO		
B	5A white included lighting switches as MK or approved equivalent				
	a) One way switching	1	NO		
C	Lighting fittings complete with appropriate rated lamps as follows:-				
	a)1200mm,1x36W,single fluorescent lighting fitting with opal diffuser for surface mounting as Thorn or approved equivalent	8	NO		
	b)2x8W fluorescent bulk head fitting as Thorn or approved equivalent	2	NO		
D	Power point wired in 3x2.5 sq mm sc PVC copper cables drawn in 25mm diameter HG PVC conduits concealed in building fabric including all accessories	2	NO		
E	13A twin switched socket outlet plate ivory type as MK or approved equivalent	2	NO		
F	Sub mains comprising 3x6.0 sq mm sc PVC copper cables in concealed in 32mm diameter HG PVC conduits from the CLB to the consumer unit	10	M		
G	4-Way SPN consumer unit complete with a 100A integral isolator as harvell or approved equivalent	1	NO		
H	MCBs as harvell or approved equivalent:-				
	a) 5A	1	NO		
	b) 30A	1	NO		
J	standard cable loop in box	1	NO		
K	Earthing the cable loop in box	1	NO		
L	10mm2 TWE copper cable from meter box to the consumer distribution unit- drawn in 32mm2 H/G conduit	20	Lm		
	TOTAL FOR ELECTRICAL INSTALLATIONS CARRIED TO GRAND SUMMARY	**PAGE 7**			

ITEM	DESCRIPTION		PAGE		AMOUNT
	SUMMARY				
A	ROOFING		PAGE 2		
B	DOORS		PAGE 3		
C	WINDOWS		PAGE 4		
D	FINISHES		PAGE 6		
F	ELECTRICAL INSTALLATIONS		PAGE 7		
	TOTAL FOR 1NO. CLASSROOMS				
	X2				
	TOTAL FOR 4NO. CLASSROOMS				
	TOTAL FOR RENOVATION TO 2NO. CLASSROOMS CARRIED TO GRAND SUMMARY		**PAGE 8**		

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PRIME COST & PROVISIONAL SUMS				
	The following sums are to be measured on completion and priced in accordancxe with the rates contained in this Bill of Quantities or prorata thereto or deducted in whole if not required				
A	Provide a provisional sum of Kenya Shillings Sixty Thousand **(Kshs.60,000.00)** only for Engineers site supervision and Transport cost.		SUM		60,000.00
B	Provide a provisional sum of Kenya Shillings Ninety housand **(Kshs.90,000.00)** only for PMC.		SUM		90,000.00
C	Allow a provisional sum of Kenya Shillings Three Hundred and sixty Thousand **(Kshs.360,000.00)** only for Purchase of 60 Lockers and Chairs		SUM		360,000.00
	TOTAL FOR PRIME COST SUMS & PROVISIONAL SUMS CARRIED TO GRAND SUMMARY		**PAGE 9**		**510,000.00**

ITEM	DESCRIPTION	PAGE NO			AMOUNT
	GRAND SUMMARY				
A	TOTAL FOR RENOVATIONS OF 4NO. CLASSROOMS BROUGHT FORWARD FROM		PAGE 8		
B	TOTAL FOR PROVISIONAL SUMS BROUGHT FORWARD FROM		PAGE 9		510,000.00
	SUB-TOTAL				
	ADD 0.03% PPRA LEVY				
	TOTAL ESTIMATED COST CARRIED TO FORM OF TENDER (V.A.T INCLUSIVE)				

Cotract Period…….Weeks…….

Tender Sum in words……..

……..

Name of Tenderer……..

Address……..

Signature……

Date……..