

	TOTAL FOR ROOFING CARRIED TO SUMMARY	
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Soilo social hall/15

A	<p>ELEMENT NO.5</p> <p>DOORS</p> <p>METAL WORK - PURPOSE -MADE UNITS</p> <p>Doors and gates</p> <p>Mild steel casement doors: 75 x 50 x 3mm thick rebated frame plugged to concrete or blockwork with 100mm long fishtailed 25 x 25 x 2mm thick angle section,50x50x 3mm thick angle section frames at 300mm centres both sides, angles cut, mitred and welded: panels infilled with glazing (m/s), one coat manufacturer's primer,complete with all necessary ironmongery; all welding ground to smooth finish</p> <p>Double door; 2000 x 2400mm high, including 6 pairs150mm long purpose made hinges; 4 lever rebated steellock(m/s);all welded</p>	5	No.		

	Carried toCollection				
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Soilo social hall/16

ABCD	Supply and fix the following ironmongery with screws to match.	52548	NosmNosm		
	4 lever rebated steel lock				
	<p>GLAZING</p> <p>4mm thick clear sheet glass to timber fixing with timberbeads (m/s) or to metal surfaces fixxing with putty</p> <p>0.5 to 1.0 square meters</p> <p>40mm Diameter rubber door stops</p> <p>Prepare and apply three coats oil paint full glossto Crown</p>				
	<p>Solo or other equal and approved to: -</p> <p>General surfaces of metal surfaces</p>				
	Carried to Collection				
	<p>COLLECTION</p> <p>From page 16</p> <p>From above</p>				

	TOTAL FOR DOORS CARRIED TO SUMMARY				
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Soilo social hall/17

<p>ELEMENT NO.6</p> <p>WINDOWS</p> <p>Wrot Cypress</p> <p>150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.</p> <p>15x15mm quadrant bead</p> <p>Pelmet box</p> <p>25mm diameter curtain rail complete with end stopper and fixed to wall to approval</p> <p>Supply, assemble and fix the following purpose-made mild</p>	23234622	1mImImNo		
<p>steel casement windows; standard metal section from</p>				
<p>approved manufacturer complete with frames, transoms,</p>				
<p>mullions and with and including permanent ventilators</p>				
<p>comprising "T" bar, gauze and 16 gauge sheet metal hood</p>				
<p>50mm high x 50mm projection to full width of window.</p>				
<p>coupling mullions, approved ironmongery and one coat</p>				
<p>manufacturer's primer; all welding ground to smooth</p>				
<p>finish. and approved burglar proof</p>				
<p>Steel; for glazing with putty, lugs to two jambs, cutting and pinning to concrete or blockwork, fixing to head and sill with screws; plugging</p>				
<p>Window, overall size 1800x 1500mm high.</p>				

Carried to Collection				
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Soilo social hall/18

AB	<p>Glazing</p> <p>4mm Thick clear sheet glass panes over 0.1 but not exceeding 0.5 square meters; fixing with putty</p> <p>Painting and Decorations</p> <p>On Metal work</p> <p>Prepare and apply three coats oil paint full gloss to CrownSolo or other equal and approved to:-</p> <p>General window surfaces; measured gross both sides</p>	60120	smsm		
	Carried to Collection				
	<p>COLLECTION</p> <p>From Page 18</p> <p>From above</p>				
	TOTAL WINDOWS CARRIED TO SUMMARY				

ABCDEFG	<p>ELEMENT NO.7</p> <p>Wall finishes</p> <p>Plaster; 12mm thick 2 No. coatwork,9mm first coat of cement sand (1:6): 3mm second coat of cement and limeputty (1:10); steel trowelled to concrete or blockwork base</p>	41142411423911141	smsmsmsmsm1mno		
	<p>generally to:-</p> <p>Walls beams;internal</p> <p>Beams external</p> <p>Painting and decorations</p> <p>Prepare and apply three coats of first quality plastic</p>				
	<p>emulsion paint to:-</p> <p>Plastered walls and beams</p> <p>Beams externally</p> <p>Floor finishes</p> <p>Beds and backings</p> <p>40mm thick one coat backings; red oxide steel trowelled smooth to concrete base; to floors level;internal</p> <p>Skirtings; 100mm wide with rounded junction with wall finish and straight junction with floor finish</p> <p>Supply and install 10000 litre plastic water tank complete with concrete base and connection to rain water pipe from the roof/Tap and over flow pipe.</p>				

	Carried to Collection				
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Soilo social hall/20

ABCDEFG	<p>Ceiling finishes(in ict hub room only)</p> <p>Approved wrot cypress; prime grade; pressure impregnated</p>	4240042108142108	ImlmImsmNo.1msm		
	<p>100 x 25mm moulded cornice</p> <p>Approved sawn softwood; second grade; pressure impregnated.</p> <p>50x50mm brandering</p> <p>Ditto plugged</p> <p>PLAIN SHEET FINISHINGS</p> <p>Celotex ceiling boards</p> <p>12mm thick nailed to 50 x 50mm timber brandering (m/s),nails punched and puttied; set to pattern to ceilings</p> <p>Extra; access panels 600 x 600mm, 50 x 50mm softwoodframing all round; fixing with chromium plated screwsand cup washers</p> <p>Painting and Decorations</p> <p>To wood surfaces</p> <p>Knot, prime & stop and prepare and apply three coatspolyurethane matt varnish on woodwork internally</p> <p>Moulded cornice not exceeding 100mm girth</p> <p>Prepare and apply three coats oil paint full gloss to CrownSolo or other equal and approved to:-</p> <p>Softboard surfaces</p>				
	Carried to Collection				

	COLLECTION				
	From page 20				
	From Above				
	TOTAL FINISHES CARRIED TO SUMMARY				

Soilo social hall/21

	SUMMARY			
ELEME	NT NO.	TITLE	PAGE NO.	K.SHS.
1234567		SUBSTRUCTURE (ALL PROVISIONAL) FRAME EXTERNAL & INTERNAL WALLING ROOFING. DOORS WINDOWS FINISHES		
	TOTAL CARRIED TO GRAND SUMMARY			

GRAND SUMMARY PAGE			
ITEM	DESCRIPTION	TENDERER'S AMOUNT	OFFICIAL USE ONLY
A	Particular preliminaries from page 8		
B	Builders works from page 22		
C	Electrical works(SUM)		
	SUB TOTAL		
	ADD 16% VAT		
	TOTAL CARRIED TO FORM OF TENDER		

Amount of tender in words: Kenya

Shilings.

Tenderer's signature and

stamp...

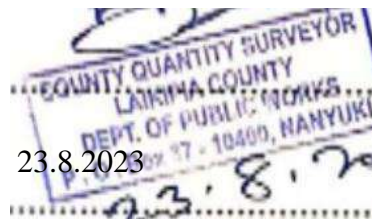
Address..

Date.....

Witness: Name and signature.

Address.....

Date.....




23.8.2023

GRAND SUMMARY PAGE

ITEM	DESCRIPTION	TENDERER'S AMOUNT	OFFICIAL USE ONLY
A	Particular preliminaries from page 8		500,000.00
B	Builders works from page 22		7,139,000.00
C	Electrical works (SUM)		400,000.00
SUB TOTAL			8,039,000.00
ADD 16% VAT			1,286,240.00
TOTAL CARRIED TO FORM OF TENDER			9,325,240.00

Amount of tender in words: Kenya Shilings.....

Tenderer's signature and stamp.....


 COUNTY QUANTITY SURVEYOR
 LAIKIPIA COUNTY
 DEPT. OF PUBLIC WORKS
 P. O. Box 67 - 10400, NANYUKI

Address.....

23rd 8. 2023

Date.....

Witness: Name and signature.....

Address.....

Date.....



REPUBLIC OF KENYA



COUNTY GOVERNMENT OF LAIKIPIA

DEPARTMENT OF INFRASTRUCTURE


BILL OF QUANTITIES

FOR

PROPOSED MULTIPURPOSE HALL FOR INOORO SECONDARY
SCHOOL.

IN

LAIKIPIA COUNTY


COUNTY QUANTITY SURVEYOR
LAIKIPIA COUNTY
DEPT. OF PUBLIC WORKS
P. O. Box 67 - 10400, NANYUKI
8.3.2024

Mar-24

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURE (All Provisional)</u>				
	<u>Excavation and Earthworks</u>				
A.	Clear site of all shrubs and undergrowth including grubbing up of roots and dispose off as directed	340	SM	100	34,000.00
B.	Excavate oversite averaging 300mm deep and cart away	310	SM	300	93,000.00
D.	Ditto to strip foundation.	95	CM	1000	95,000.00
E.	Extra over for excavating in rock irrespective of depth	4	CM	1000	4,000.00
F.	Return fill and ram selected excavated materials around foundations	108	CM	180	19,368.00
G.	Load and cart away excess excavations as directed	139	CM	250	34,850.00
H.	Allow for planking and strutting to uphold sides of excavations	1	ITEM	10000	10,000.00
I.	Allow for keeping excavations free of any spring or running water.	1	ITEM	10000	10,000.00
	<u>Filling</u>				
J.	Approved imported hardcore filling rolled and consolidated in layers not exceeding 300mm thick (300mm average)	93	CM	1000	93,000.00
K.	50mm thick murrum blinding	310	SM	100	31,000.00
L.	Treat surface of hardcore with "Termidor" insecticide to manufacturers specification and provide 10 years guarantee certificate	310	SM	250	77,500.00
M.	1000 gauge polythene sheet damp proof membrane on blinded hardcore	310	SM	200	62,000.00
Carried to Collection					563,718.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Concrete Works</u>				
	<u>Mass concrete class 15/20</u>				
A.	Ditto to strip foundation	73	SM	350	25,550.00
	<u>Vibrated reinforced concrete class 25/20 in:-</u>				
B.	150mm thick floor slab	310	SM	2100	651,000.00
C.	Strip foundation	15	CM	13500	202,500.00
	<u>High tensile steel reinforcement bars to BS 4461 to:-</u>				
	<u>Strip foundation</u>				
D.	T10 Bars	537	KG	230	123,510.00
	<u>Fabric mesh</u>				
E.	Fabric mesh Ref. No. A142 (measured net) (No allowance for laps)	310	SM	650	201,500.00
	<u>Sawn formwork to:</u>				
F.	Sides of Strip foundation	48	SM	500	24,000.00
G.	Edges of slab between 75mm and 150mm high	71	LM	80	5,680.00
	<u>Natural stone wall bedded and jointed in cement/sand (1:3) mortar reinforced with 40mm hoop iron every alternate course</u>				
H.	200mm thick	157	SM	1800	282,600.00
Carried to collection					1,516,340.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Three ply hessian based bituminous felt horizontal damp proof course to BS 743 ,Type A weighing 3.8kg/m² bedded on cement/sand (1:3) mortar</u>				
A.	200mm wide	71	LM	200	14,200.00
B.	Extra Over for 400 x 200 x 1250mm piers	20	NO	800	16,000.00
<i>Carried to collection</i>					30,200.00
<u>COLLECTION</u>					
	From page 1/2				563,718.00
	" " 1/3				1,516,340.00
	From above				30,200.00
ELEMENT NO. 1 SUBSTRUCTURE		TOTAL CARRIED TO SUMMARY			2,110,258.00

inooro dinning hall - 4.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u> <u>SUPERSTRUCTURE CONCRETE</u>				
	<u>Vibrated reinforced concrete class 25/20 in:</u>				
A.	Ring beam	15	CM	13500	202,500.00
	<u>High tensile steel reinforcement to BS 4461</u>				
B.	T8 Bars	472	KG	240	113,280.00
C.	T10 Bars	1050	KG	240	252,000.00
	<u>Sawn formwork to:</u>				
D.	Sides and soffits of ring beams	98	SM	600	58,800.00
E.	Extra Over for 400 x 400 x 3600mm piers	19	NO	3000	57,000.00
	ELEMENT NO. 2 TOTAL CARRIED				
	SUPERSTRUCTURE TO SUMMARY				
	CONCRETE				683,580.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 3</u>				
	<u>WALLING</u>				
	<i>Fair dressed natural stone wall bedded and jointed in cement/sand (1:4) mortar (12mm joints) reinforced with 40mm hoop iron every alternate course</i>				
	<u>External walls</u>				
A.	200mm thick	242	SM	1800	435,600.00
B.	200mm thick gable wall	70	SM	1800	126,000.00
C.	Extra over for key pointing in flush vertical and recessed horizontal joints	312	SM	300	93,600.00
D.	100mm thick x 200mm high eaves closing	72	LM	300	21,600.00
	<u>Internal walls</u>				
E.	200mm thick	9	SM	1800	16,200.00
	<u>Precast concrete class 25/12 units in:</u>				
F.	250 x 50mm (average) thick once weathered and throated window cill	30	LM	650	19,500.00
G.	225 x 225mm precast concrete permanent ventilation laid in cement sand (1:3) mortar	15	NO	850	12,750.00
	ELEMENT NO. 3 TOTAL CARRIED				
	WALLING TO SUMMARY				725,250.00