

MBAO FARM PRIMARY SCHOOL

P.O BOX 88

KIMININI

TENDER INVITATION NOTICE

Mbao farm Primary School plans to build a storey tuition block (6) six classrooms funded by NG-CDF Kiminini. Tenders are invited for bidders who are technically and financially qualified to do the work. Bidders must meet the following requirements:

1. Valid Registration Certificate
2. Valid KRA Pin Certificate
3. Valid Tax Compliance Certificate
4. Valid NCA class 8 and above (Building & Construction)
5. Previous experience /proof of similar works done
6. Proof of financial stability
7. Bid bond of 10 % the total value of the work

Interested eligible candidates may obtain tender documents at Mitoto Primary School during normal working hours from 8.00 a.m. to 5.00 p.m. or down loaded from the NG-CDF website upon payable of a non-refundable fee of Kshs 1000 through bankers' cheque in favour of Mbao Farm Primary School.

Completed tender documents enclosed in plain envelope should be dropped in the tender box at Mitoto Primary School on or before 15th September 2020 posted to:

Secretary/Headteacher

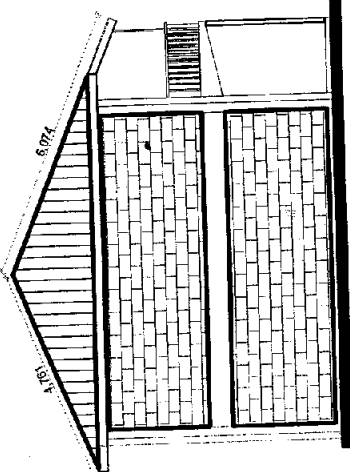
Mbao Farm Primary School (PMC)

P.O Box 88

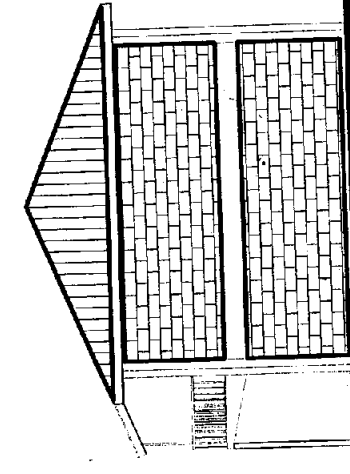
KIMININI

Tenders will be opened on the same day at 10.00 a. m in the presence of the respective bidders.

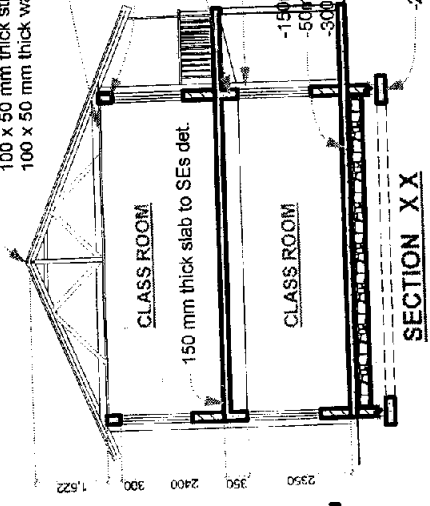
Ridge caps on
IT4 sheets gauge 28 on
75x50 mm purlins on
100x50mm thick rafters
150 x 50mm thick tie beam
100 x 50 mm thick struts and ties
100 x 50 mm thick wall plate



WEST ELEVATION



EAST ELEVATION



SECTION XX

-75x50, 50x50 ceiling joists
-soft ceiling on ceiling joists
-250 x 25 mm fasciaboard

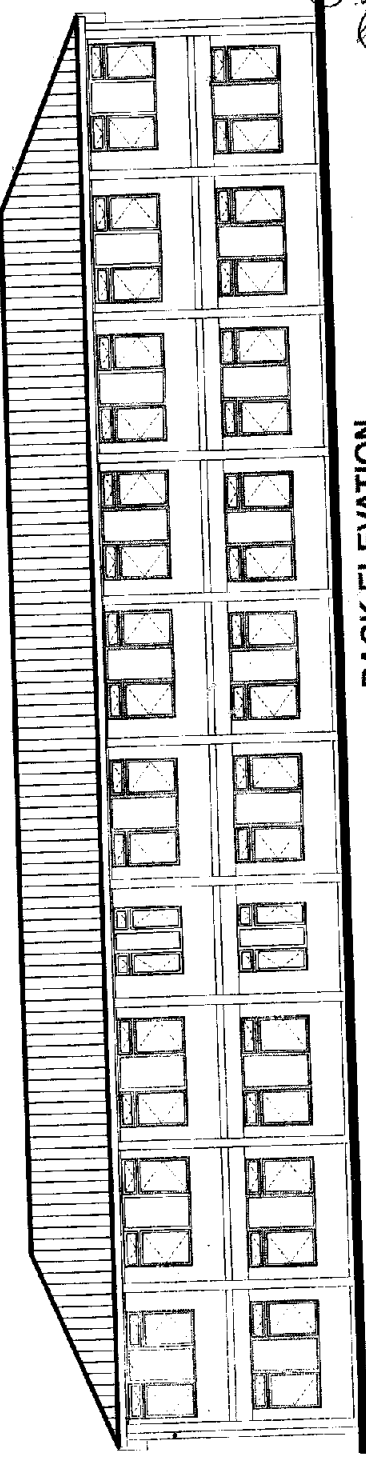
-300x200 RC Ring beam to SEs det.

200x350 mm thick RC ring beam to SEs det.

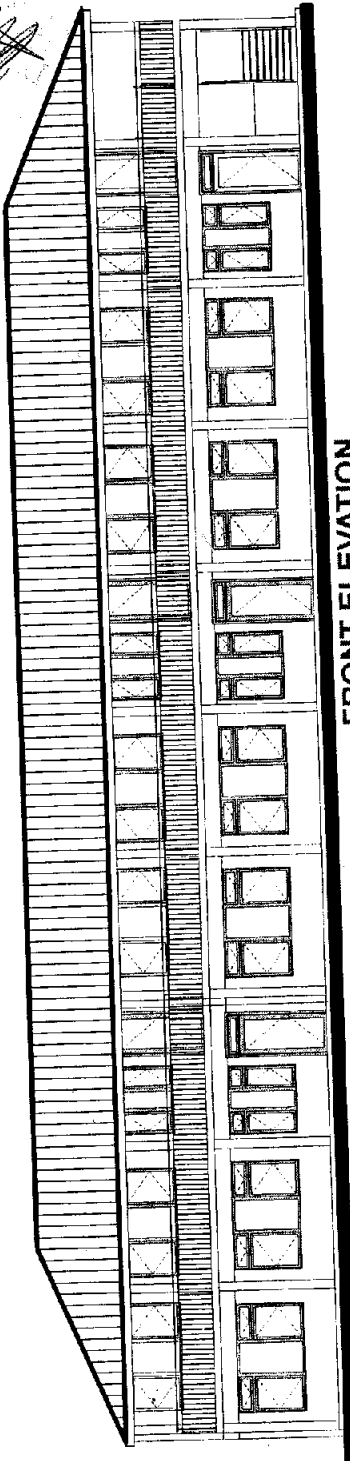
-200x350 RC column to SEs det.

-150mm thick floor slab on brc on dpm on
-50mm thick murrum blinding
-300 mm thick hardcore fill well rammed

-200x600mm thick strip foundation



BACK ELEVATION



FRONT ELEVATION



**MINISTRY OF PUBLIC
WORKS**

Project -

**PROPOSED CONSTRUCTION OF
SCHOOL TUITION BLOCK**

Developer

CDF KIMININI

Locality

KIMININI CONSTITUENCY

Dwg Title

FLOOR PLANS,

Drawn

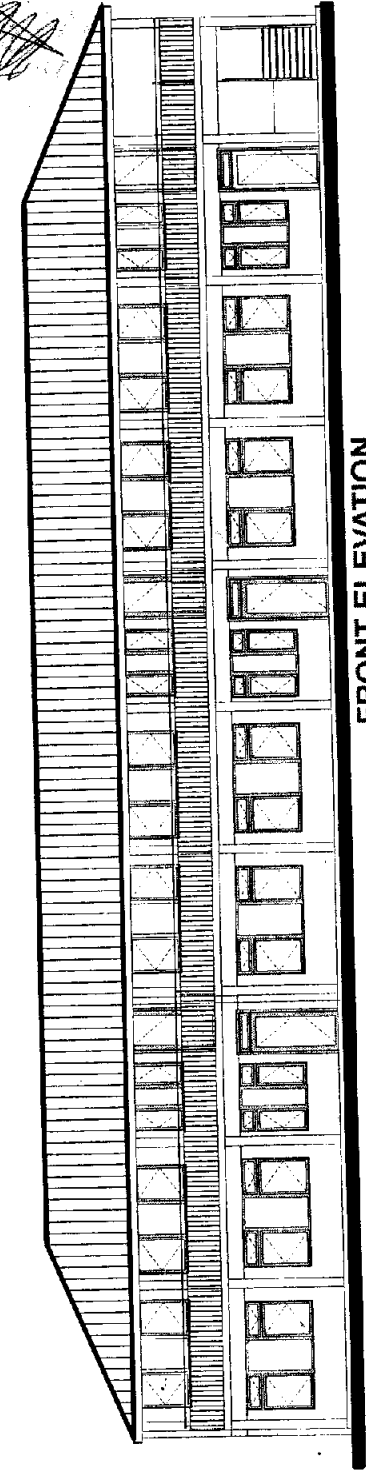
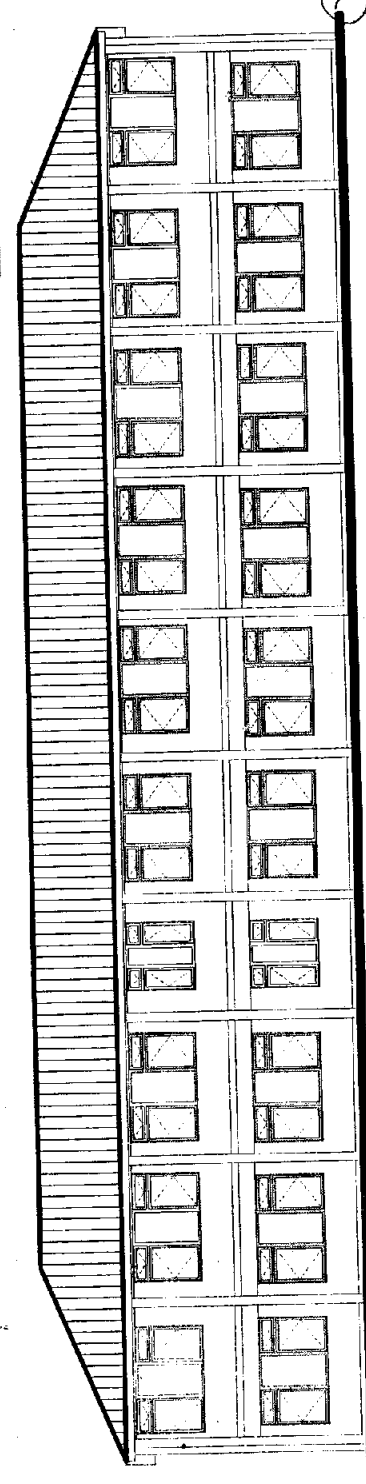
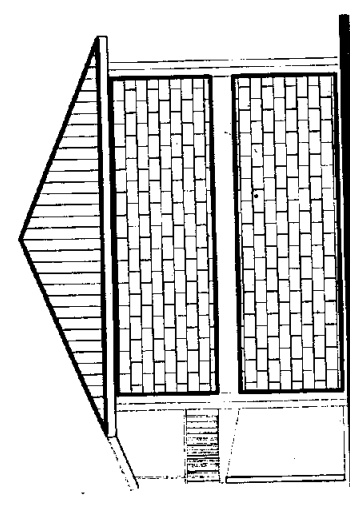
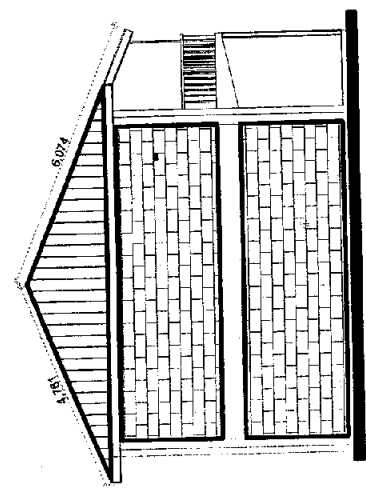
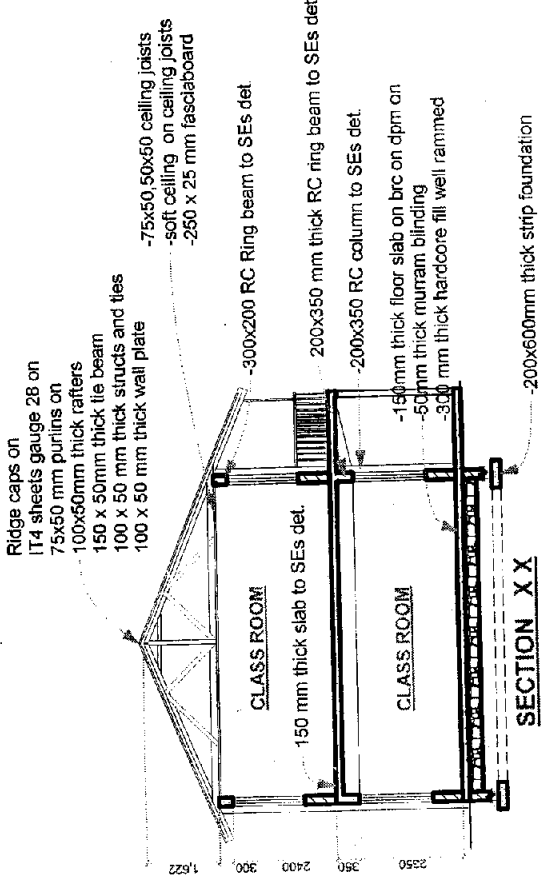
MALLURDA M/A

Scale

1:100

Date

MAY 2018



**MINISTRY OF PUBLIC
WORKS**

**PROPOSED CONSTRUCTION OF
SCHOOL TUITION BLOCK**

Project: **CDF KIMININI**

Locality: **KIMININI CONSTITUENCY**

Dwg Title: **FLOOR PLANS.**

Date: **MAY 2018**

Scale: **1:100**

Drawn: **MULINDA M.K.**

**BILLS OF QUANTITY FOR THE PROPOSED STOREY TUITION BLOCK AT
MBAO FARM PRIMARY SCHOOL FUNDED BY KIMININI CDF**

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	ELEMENT NO 1				
	<u>SUBSTRUCTURE (All provisional)</u>				
A	Excavate to oversite to remove top vegetable soil average 200mm deep and wheel and deposit in spoil heaps as directed	65	Cm		
B	Excavate reduced levels starting from stripped levels not exceeding 1.5 m deep	79	Cm		
C	Excavate foundation trench not exceeding 1.5m deep starting from stripped level	54	Cm		
D	Return fill and ram selected excavated materials around foundations	33	Cm		
E	Load and cart away surplus excavated materials	38	Cm		
F	Hardcore fill well compacted and rammed 230mm thick	261	Sm		
G	50mm thick Murram blinding to hardcore surfaces	261	Sm		
H	Treat blinded hardcore with gladiator or other equal and approved insecticide treatment	261	Sm		
I	500-gauge polythene sheet laid on blinded hardcore as damp-proof membrane	261	Sm		
	<u>Plain concrete 1:4:8 to:</u>				
	50mm thick blinding to foundation strip				
J	<u>Mass concrete 1:3:6 to</u>	56	Sm		
	Strip foundation				
K	Sawn formwork to edges of floor slab 75-150mm high	12	Cm		
L		76	Lm		
	Total carried to collection				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
A	Vibrated reinforced concrete1:2:4 to: Columns bases	5	Cm		
B	Starter columns	2	Cm		
C	150mm thick floor ground slab <u>Cut, bend, tie and fix the following high tensile square twisted reinforcement bars to B.S 4461 including all necessary tying wire and pacer blocks</u>	261	Sm		
D	16mm diameter bars	2350	Kg		
E	12mm ditto	1262	Kg		
F	10mm ditto	832	Kg		
G	8mm ditto	710	Kg		
H	Steel fabric mesh reinforcements Ref No A142weighing 2.:22 kg per square meter with 2.25mm end laps <u>Sawn formworks to:</u>	261	Sm		
I	Sides of starter columns <u>Foundation Walling</u>	24	Sm		
J	225mm thick foundation walling in cement and sand mortar 1:3 <u>Sundries</u>	89	Sm		
K	15mm thick render to plinth	35	Sm		
L	Prepare and apply three coats black bituminous paint to rendered plinth surfaces	35	Sm		
	Total carried to summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	ELEMENT NO 2				
	WALLING				
	<u>Natural stone walling in cement and sand mortar (1:3)</u>				
A	200mm thick externally	512	Sm		
B	150mm thick internally	223	Sm		
	<u>Vibrated reinforced concrete (1:2:4) in</u>				
C	Columns	10	Cm		
D	Beams and ring beam	28	Cm		
E	150mm thick suspended floor slab	271	Sm		
F	150mm thick landing	18	Sm		
G	150mm thick waist	32	Sm		
H	Steps	8	Cm		
	Cut, bend tie and fix the following high tensile square twisted reinforcement bars to B.S 4461 including all necessary tying wire and pacer blocks				
I	16mm diameter bars	2,518	Kg		
J	12mm ditto	1,335	Kg		
K	10mm ditto	2,870	Kg		
L	8mm ditto	964	Kg		
	<u>Sawn formwork to:</u>				
M	Soffits of suspended floor	285	Sm		
N	Soffits of waist	32	Sm		
O	Soffits of landing	18	Sm		
P	Edges of steps 75-150mm high	78	Lm		
Q	Edges of floor slab 75-150mm high	194	Lm		
R	Edges of waist 75-150mm high	26	Lm		
S	Sides of columns	120	Sm		
T	Soffits and side of beams and ring beam	245	Sm		
	Total Carried to Summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	<u>ELEMENT NO 3</u>				
	<u>ROOFING</u>				
	Roof covering				
A	Pre-painted GCI Sheets B 760 gauge 30 as manufactured by Gal sheet Kenya Limited nailed onto roof structure (ms)	300	Sm		
B	Ridge and hip covering in matching materials	30	Lm		
C	100mm diameter Gauge 24 down pipe fixed to wall with holder bats nailed into walls with grounds each 8600mm long jointed together	8	No		
D	Box gutter in gauge 18ms plate welded and boxed along roof to required slopes complete with stopped ends	62	Lm		
	Roof construction (in sawn cypress)				
E	150 X 50 mm thick rafters				
F	150 X 50 mm thick tie beam	230	Lm		
G	100 X 50 mm thick struts and ties	180	Lm		
H	75 X 50 mm thick purlins	125	Lm		
I	100 X 50 mm thick wall plate fixed to ring beam with hoop irons and nails	270	Lm		
J	200 X 25 mm thick wrot cypress fascia board	87	Lm		
		85	Lm		
	Total Carried to summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	<u>ELEMENT 4</u>				
	<u>DOORS IN HARDWOOD</u>				
A	50 mm thick paneled steel door leaf size 900 X 2400 mm overall with complete with locking accessories	6	No		
B	45 mm thick Framed, ledged and braced T & G door size 900 X 2100 mm	2	No		
	<u>Door frames</u>				
C	100 X 50 mm thick wrot mahogany door frame	11	Lm		
D	38 X 25 mm architrave	11	Lm		
E	15 X 15 mm quadrant	11	Lm		
	<u>Fix the following ironmongery</u>				
F	2-lever mortise door locks as per union or other equal and approved catalogue	2	No		
G	100mm heavy gauge steel butt hinges	2	Prs		
H	150mm long steel tower bolts screwed onto the doors	2	No		
	Total Carried to summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	<u>ELEMENT NO 5</u>				
	<u>WINDOWS</u> <u>Fix the following steel casement windows with one coat red oxide primer complete with accessories including cutting and pinning lugs to walls and bedding all round in cement and sand mortar (1:4)</u>				
A	Window size 1350 X 1200 mm including high tensile 12 mm square steel burglar proofing grills on shutters	30	No		
B	Ditto size 1350 X 900 mm ditto	6	No		
	<u>Glazing</u>				
C	3 mm thick clear sheet glass and glazing to metal with putty	56	Sm		
	<u>Cills</u> 175 X 25 mm insitu throated window cills bedded and painted in coloured cement (1:4)				
D	Pelmet boxes (wrot hardwood) 50 X 50 mm bearer plugged	52	Lm		
E	125 X 25 mm fascia front mitered at end and with two labours	52	Lm		
F	125 X 25 mm top	52	Lm		
G	125 X 125 X 25 thick stopped ends with two labours	52	Lm		
		72	No		
H	<u>Curtain rails</u> Screwed hooks for curtain rope	52	Lm		
	Total carried to summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	<u>ELEMENT NO 6</u>				
	<u>Finishes</u>				
	<u>Floor finishes</u>				
A	25mm thick cement and sand screed (1:4) floor finished smooth	522	Sm		
B	20mm thick and 100mm high skirting	194	Lm		
	<u>Wall finishes</u>				
C	12mm two coat lime plaster (1:4) to wall internally finished smooth	630	Sm		
D	15mm thick render to wall surface externally	280	Sm		
	<u>Ceiling finishes</u>				
E	12mm thick Celotex ceiling	261	Sm		
F	50 X 50mm thick brandering	435	Lm		
G	75 X 50mm ditto	435	Lm		
H	12mm thick plaster to soffits of suspended floor	261	Sm		
I	100 X 20 mm thick covered cornice	128	Lm		
J	Extra over ceiling for trap door complete with framing size 600 X 450mm	4	No		
	Total carried to summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	<u>ELEMENT NO 7</u>				
	<u>Painting</u>				
	<u>Prepare and apply three coats first grade plastic emulsion paint to:</u>				
A	Plastered walls internally	630	Sm		
B	12mm thick Celotex ceiling	261	Sm		
C	12mm thick plastered ceiling	261	Sm		
D	Rendered wall surface externally	280	Sm		
	Prime only back of frame				
E	Surface not exceeding 100mm girth	77	Lm		
	Prepare and apply two undercoats and one finishing coat gloss paint to:				
F	Glazed surface measured overall	106	Sm		
	Knot prime and stop and apply two undercoats and one finishing coat of first grade gloss oil paint on woodwork				
G	General surface	137	Sm		
H	Surface not exceeding 200mm girth	10	Lm		
	Total carried to summary				

ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	<p>PC AND PROVISIONAL SUMS</p> <p>A Allow a provisional sum of Kenya shillings six hundred and fifty thousand (Kshs 650,000) only for electrical works, firefighting and external lighting installations</p> <p>B Allow a provisional sum of Two hundred thousand (Kshs 200,000) only for contingency</p> <p>C Allow Kenya shillings one hundred thousand (Kshs 100,000) project Management and stationery</p>				
	Total carried to summary				

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ITEM	DESCRIPTION	QTTY	UNIT	RATE	KSHS
	SUMMARY				
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C	Walling from page 3				
D	Roofing from page 4				
E	Doors from page 5				
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	SUB-TOTAL				
	Allow for VAT at 14%				
	TOTAL FOR THE PROPOSED TUITION BLOCK				