



Islamic Relief Kenya

TENDER DOCUMENT FOR
THE CONSTRUCTION OF 4 No. CLASSROOMS AND 4No. TWIN VIP LATRINE BLOCKS

AT RHAMU D.E.B PRIMARY SCHOOL

AND

UPPER HILL PRIMARY SCHOOLS

IN MANDERA NORTH, MANDERA COUNTY

REF NO: IRK/DEL/MDR/01/2024

ISSUED ON: FRIDAY 7TH JUNE 2024

CLOSING DATE: FRIDAY, 21st JUNE 2024 11.00 AM

NAME AND CONTACT OF PROCURING ENTITY:

Islamic Relief Kenya
Kirichwa Road, off Ngong Road
P.O.BOX 417 – 00202 KNH, Nairobi
Email: procurement.Irk@islamic-relief.or.ke

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

INSTRUCTION TO BIDDERS

Established in 1984 in the UK, Islamic Relief is an international NGO seeking to promote sustainable economic and social development by working with local communities through relief and development activities regardless of race, color and religion, and without expecting anything in return.

IR started operations in Kenya in 1993 on orphan's sponsorship programme through a local CBO in Mandera District, Northern Kenya. It opened its fully fledged office in March in 2006 at the height of drought in the Horn of Africa. Since then, IR has been providing humanitarian and development assistance to vulnerable communities. Over these years it has implemented various development and relief activities in Mandera. This has remarkably changed the lives of the vulnerable and disadvantaged communities. In January 2010, IRK extended its operation to Wajir County and in January 2012 expanded to Garissa and Dadaab, and in October 2017 opened a programme office in Kilifi County.

Islamic Relief Kenya focuses on resilience projects namely: Food Security and Livelihoods, Water Sanitation and Hygiene, Cash Transfer Programming, Orphans Support and Sponsorship, women Empowerment, Education and Peace-building.

In Mandera and Kilifi Counties IRK is implementing a 24 months project ***“Development through livelihood Empowerment and Resilience Support Project”*** aiming to empower the vulnerable communities in Kilifi & Mandera counties through the provision of integrated interventions in the area of education, WASH and Economic Empowerment. The project will enhance access to inclusive and accessible education, improved alternative Economic Empowerment to the target households and increased availability of water for household use and food production

IRK will take deliberate steps to support Kilifi & Mandera communities in their journey to self-reliance through capacity building of relevant ministries at the National, County and Sub-counties levels, and increase efforts to involve county department officials in the routine monitoring and supervision of education, WASH and Economic Empowerment interventions. The project is anchored on three sustainable development goals covering WASH, Education and Zero Hunger.

IRK is planning to undertake the Construction of 4 No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper hill Primary Schools in Mandera North, Mandera County to improve the learning environment, boost enrolment, retention of children and sanitation levels in schools.

A complete set of tender documents may be obtained Free of Charge by interested candidates by downloading from the link provided: Islamic Relief Kenya website: <https://islamic-relief.or.ke>

Completed tender documents are to be enclosed in plain sealed envelopes marked CONSTRUCTION OF 4 NO. CLASSROOMS AND 4 NO. TWIN VIP LATRINE BLOCKS AT RHAMU D.E.B AND UPPER HILL PRIMARY SCHOOLS IN MANDERA NORTH, MANDERA COUNTY: IRK/DEL/MDR/01/2024 and deposited in the Tender Box at located at the reception, Islamic Relief Kenya , Kenya Country Office, no later than **Friday, 21st June, 2024 at 11:00** am addressed to,

Procurement Committee
Islamic Relief Kenya
Kirichwa Road, off Ngong Road
P.O. Box 417 - 00202 (KNH)

Tenders will be opened immediately thereafter in the presence of bidder representatives who choose to attend in the Islamic Relief Boardroom. Any tender documents received later than the deadline will not be accepted.

At the tender opening, IRK will announce the tenderer's names, total tender price, and such other details as the Employer, at his discretion, may consider appropriate. No tender shall be rejected at the tender opening except for late tenders. Tenders not opened and read out at the tender opening shall not be considered further for evaluation, irrespective of the circumstances.

Prices quoted should be net inclusive of all taxes, must be in Kenya shillings and shall remain valid for (60) days from the closing date of tender.

INSTRUCTION TO BIDDERS

PROCURING ENTITY: ISLAMIC RELIEF KENYA. P.O BOX 417-00202 KNH, Nairobi

TENDER TITLE: CONSTRUCTION OF 4No. CLASSROOMS AND 4 No. TWIN VIP LATRINE BLOCKS AT RHAMU D.E.B AND UPPERHILL PRIMARY SCHOOLS IN MANDERA NORTH, MANDERA COUNTY.

1. All Tenders must be accompanied by a Bid Bond at least 10% of the quoted amount valid for 180 days.
2. Electronic Tender will not be permitted.
3. Tenderers will be opened immediately after the deadline date and time specified above.
4. Late tenders will be rejected.

5. Work Scope and Sites Details

The tender is for undertaking the following components as per Annex I and II – BoQ and Annex III and IV– Drawings: Construction of 4 No. Classrooms and 4 No. Twin VIP Latrine blocks at Rhamu D.E.B and Upper Hill Primary Schools in Mandera North, Mandera County.

6. Eligible Bidders

The invitation for the bids is open to all interested eligible Companies/individuals who are duly registered with the national government, respective County governments and National construction authority.

7. Services

All services to be done under the contract shall have their measurement and shall not be subcontracted.

8. Cost of Bidding

The bidders shall bear all costs associated with preparation and submission of its bid & IRK will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.

9. Clarification of Bidding Documents

Interested eligible candidates who may want to obtain further information or seek for clarification can do so by sending an email to Procurement.Irk@islamic-relief.or.ke OR +254 727531220 / 2543861216. IRK will respond in writing to any request prior to the deadline.

If you have any concerns – relating to this tender or otherwise – or want to make a complaint please: Email us at: complaints@irworldwide.org.

10. Amendment of Bidding documents

At any time prior to the deadline for submission of bids, IRK May for any reason, at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents & will be binding on them. The amendment will be notified in writing to all prospective bidders, who have received the bidding documents & will be binding on them. In order to allow prospective bidders responsive time in which to take the amendment into account in preparing their bids, IRK may, at its discretion, extend the deadline for bid submission.

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

11. Language of the Bid

The bid prepared by the bidder, as well as all correspondence & documents relating to the bid, supporting documents and printed literature furnished by the bidder shall be written in English language.

12. Bid Document Comprises.

The bid document prepared by the bidder shall comprise of the following:

- a) Valid Registration Certificate
- b) CR12 issued within the last 3 months
- c) Tax Compliant Certificate (TCC), **MUST** be verifiable online –itax
- d) KRA PIN with VAT obligation
- e) Valid registration with County Government / Business permit
- f) Valid Registration with NCA 7 and above- Building Works
- g) Company Profile with detailed physically verifiable contact address
- h) Evidence of Past Experience in Similar work done the past 5 years e.g. at least 5 signed contracts/PO/ Completion Certificate.
- i) Copy of ID/Passport for Company Owner/Director
- j) Bid bond (10% of the quoted amounts)
- k) Key Technical staff and their CVs
- l) List of Key Equipment
- m) Detailed workplan and methodology statement
- n) Bank Statement for 6 months (1st November 2023 – 30th April 2024)
- o) Audited reports for the last 2 years
- p) Duly filled Tender B.o.Q and forms in the format provided
- q) Serialization of the tender documents using Paginated Numbering Machine
- r) All copies of certifies/mandatory documents must be Certified by a Commissioner of Notary/ Oath.

NB: - Partial delivery of the documents will lead to disqualification. Preference shall be given to qualified local supplier with valid licenses.

13. Bid Currencies

The bids prices shall be quoted in Kenya Shillings (KES).

14. Bids Prices

- The potential contractor shall submit his/her bid in the BOQ format provided in Annex I and II
- The bidders shall indicate the unit price where possible and the total bid price as indicated in the BOQ.
- Prices quoted by the bidder shall be fixed during the performance of the contract.

15. Withholding Tax

IRK shall retain 3% of contract value as withholding tax and remit to the government. A receipt shall be issued for this.

16. Retainer

IRK shall retain 10% of the contract value for a period of 6 months being defect liability.

17. IRK's right to vary quantities at the time of the award

IRK reserve the right at the time of award of contract to increase or decrease by up to 10% the quantity of work specified in the technical specification without change of unit price or other terms of condition.

18. IRK's right to accept any bid and/or reject any or all bids

IRK reserves the right to accept any bid and to annul the bidding processes and reject all bids at any time prior to award of contract, without, thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders on the grounds of its action.

15. Submission of Bids

The bidders shall submit their bids in one envelope marked with Tender Name and Reference.

26. Evaluation

16.1 IRK will examine the prequalification documents to determine completeness, general orderliness, sufficiency in responsiveness, price and product brand.

26.2 The potential contractor shall not contact IRK on matters relating to their bid from the time of opening to completion and official communication sent to them. Any effort by the potential contractor to influence IRK in the evaluation shall result in disqualification.

26.3 Prequalification will be based on meeting the minimum criteria regarding the applicant's legal status, general and experience, personnel and financial position as demonstrated by their responses as set in clause 8.

26.4 The applicants **MUST** have registered offices and IRK reserves the discretion of visiting physical premises from which the applicant conducts business if so desired to confirm existence and capability to execute the contract.

26.5 Due diligence shall be undertaken, and any bidder found to be in breach by providing false information shall be disqualified.

27. Employment of Minors

The Contractor shall not employ children in executing the contract. The Contractor shall observe international conventions relating to child labor namely the UN Convention No.182 on worst forms of child labor and convention No. 138 on the minimum age for admission to employment.

28. Criminal Act

The Contractor undertakes to comply with all applicable laws and to ensure that it does not engage in any kind of criminal activity including but not limited to bribery, fraud, corruption, terrorism and to maintain ethical business practices as well as not to commit any Prohibited Acts defined as: -

- i) To offer, promise or give any person a financial or other advantage.
- ii) To request, agree to receive or accept any financial or other advantage not expressly provided for as an inducement or a reward for the performance of any function or activity in connection with this Agreement.

BID EVALUATION RATING SCALE

MANDATORY REQUIREMENTS

No	Description	Weighting in Mandatory Evaluation Pass/Fail
1	Company Registration Certificate – Mandatory	
2	CR12- issued within the last 3 months	
3	Duly filled forms (Organization details, Grounds for Mandatory Rejection, Grounds for Discretionary rejection form, Bid Value, Financial and declaration)	
4.	Valid Registration with the county government/valid and genuine business permit.	
5.	Valid Registration with (NCA7 and above). (Building Works)	
6	Active KRA PIN – With VAT Obligation	
7	Valid Tax Compliance	
8	Copy of ID/ Passport of the directors	
9	Serialization of the Bid – Bidders shall sequentially serialize all pages of the tender submitted	

N/B: Bids lacking any of the documents listed as Mandatory will not be considered for both technical and financial evaluation.

TECHNICAL ANALYSIS

No.	Description	Score
1	Brief Company Profile with verifiable physical location/address	10
2	List of Key Equipment	Owned (Max 15 marks)
		50% Owned – 50% leased (Max - 7)
		100% leased (Max. 5 Marks)
3	List of Key Personnel (Degrees- 10, HNDs – 6, Diplomas – 4)	10
4	Number of Years in Operation at least 5 years 1yr - 2 marks 2yrs- 4 marks 3yrs- 6 marks 4yrs- 8 marks 5yrs & above – 10 marks	10
5	Evidence of past similar works - Completion certificates, contracts. Provide at least Solar works -based projects with list of referees with their contract details (name, telephone number, email, location, and organization)	5 or More = (Max. 20 marks)
		4 LPOs/contracts/completion cert (Max 16 marks)
		3 LPOs/contracts/completion cert (Max 12 marks)
		2 LPOs/contracts/completion cert (Max 8)

		1 LPO/contracts/completion cert (Max 4 Marks) Note: the contract/LPOs/completion certificate must be readable, signed and stamped by the issuing authority for authentication.	
6	Detailed work plan and methodology statement	<ul style="list-style-type: none"> - Not to exceed 2 Months work period. - Programme narrative that describes the mechanisms, assumptions made in preparation. - a critical path analysis for the works which shall clearly show the float times available, earliest start earliest finish, late start/ late finish for every activity. 	10
7	Tender Envelopes Sealed, clearly marked with company details & stamped.	Envelop clearly marked with the details- 10 Envelop not clearly marked -5	5
8.	Bid bond	10% bid bond valid 180days, signed, stamped-30. Less 10% bid bond or valid less than 180 days or not signed or stamped - 5	10
9	Certification of all mandatory documents by a commissioner of Notary/ Oath		10
TOTAL			100

Pass mark -80%

Note: Bids that do not score 80% or above in the technical analysis will automatically be disqualified and will not be considered for financial evaluation.

FINANCIAL ANALYSIS

No.	Description		Maximum
1	Within Allowable Budget	Within budget (10% variance-above or below PR value)- 30 Above budget (more than 10% variance)- 5 Under budget (more than 10%	30
2	Certified Bank statement for the past six months. The bank statement must have a balance to cater for the quoted amount).	Certified bank statement for 6 months with a balance to cater for the quoted amount- 40. Uncertified bank statement with less	40
3	Evidence of Certified letter of credit facilities from the reputable bank.	Certified letter (signed & stamped) of credit with maximum allowable credit-10%. Uncertified letter of credit with no credit amount indicated. 0	30
	TOTAL		100

Pass Mark: 75%

Note: - Bids that do not score 75% or above in the financial analysis will not be considered for due diligence.

Tender Schedule

<u>Task</u>	<u>Date</u>
Advertising of tender	Friday, 7 th June 2024
Closing of tender	Friday, 21 st June 2024 11:00 AM
Opening of tender	Friday, 21 st June 2024
Evaluation	24 th - 28 th June 2024
Award	1 st – 5 th July 2024

Note: IRK reserves the right to extend the tender publication period and revise the opening and evaluation processes.

The deadline for submitting bids/quotations is **Friday, June 21, 2024**

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

MANDATORY QUESTIONNAIRE**A: Organization and Contact Details**

Full Name of Organization			
Date of Registration			
Registration Certificate Number			
Street		Road	
Address		Code	
Town			
Email		Telephone No.	
PIN No.			
Name of Parent Company			
Type of Organization	A Public Limited Company		
	A Limited Company		
	A Limited Liability Partnership		
	Other Partnership		
	Sole Trader		
	Other (Please Specify)		

Name of Owners

Name	ID/Passport No.	Nationality

DETAILS FOR CONTACT PERSON

Contact details for enquiries about this PQQ/Business Issues

Name of Staff	
Address	
Post Code	
Town	
Phone	
Mobile	
Email	

B - Grounds for Mandatory Rejection**Important Notice:**

In some circumstances IRK is required by law to exclude you from participating further in a procurement. If you cannot answer 'no' to every question in this section it is very unlikely that your application will be accepted, and you should contact us for advice before completing this form.

Please state 'Yes' or 'No' to each question.

Has your organization or any directors or partner or any other person who has powers of representation, decision or control been convicted of <u>any of the following offences?</u>	Answer
(a) A crime	
(b) Corruption	
(c) The offence of bribery;	
(d) Fraud within the meaning of:	
i) Money laundering	
ii) Any other offence	

Has your organization fulfilled obligations related to the payment of social security contributions or the payment of taxes in accordance with the legal? Answer with a "Yes" or "No"	
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C - Grounds for Discretionary Rejection

Important Notice:

IRK is entitled to exclude you from consideration if any of the following apply but may decide to allow you to proceed further. If you cannot answer 'no' to every question it is possible that your application might not be accepted. In the event that any of the following do apply, please set out (in a separate Annex) full details of the relevant incident and any remedial action taken subsequently. The information provided will be considered by IRK in considering whether you will be able to proceed any further in respect of this procurement exercise.

Please state 'Yes' or 'No' to each question.

<u>Is any of the following true of your organization?</u>	
(a) <u>Is bankrupt</u> or under receivership or bankruptcy restrictions order made against the organization	
(b) <u>Is insolvent,</u>	
(c) <u>Is the subject of an order by the court winding up otherwise than for the purpose of bona fide reconstruction or amalgamation, or had a receiver, manager or administrator on behalf of a creditor appointed in respect of the company's business or any part thereof or is the subject of similar procedures under the law of any other state?</u>	
<u>Has your organization</u>	
(a) been convicted of a criminal offence relating to the conduct of your business or profession;	
(b) committed an act of grave misconduct in the course of your business or profession;	
(c) failed to fulfil obligations relating to the payment of social security contributions	
(d) failed to fulfil obligations relating to the payment of taxes under the	
(e) been guilty of serious misrepresentation in providing any information required	

D – Bid Value & Duration of Supply

<i>Bid Value for the Work</i>	Kshs. _____
<i>Payment Terms</i>	
<i>Duration of Delivery</i>	
<i>Remarks</i>	

E - Financial

1	BANK INFORMATION	
1.1	<i>Bank</i>	
	<i>Branch</i>	
	<i>Account Name</i>	
	<i>Account Number</i>	
	<i>Swift Code</i>	
	<i>Letter From Bank Confirming Account & Credit Facility</i>	

F**Declaration****Declaration**

2.	<p>I declare that to the best of my knowledge the answers submitted in this bid document are correct. I understand that the information will be used in the process to assess my organization's suitability to be invited to tender for Islamic Relief's requirement and I am signing on behalf of my organization. I understand that the Contracting Authority may reject this bid if there is a failure to answer all relevant questions fully or if I provide false/misleading information. By signing the bid document, I certify that all of the above statements are accurate and factual.</p> <p style="text-align: center;">FORM COMPLETED BY</p>	
2.1	Name:	
2.2	Position:	
2.3	Signature:	
2.4	Date:	
2.5	Stamp:	

ANNEX I: B.O.Q- RHAMU D.E.B PRIMARY

ISLAMIC RELIEF KENYA
Kirichwa Road
P.O Box 417-00200, KNH
Nairobi, Kenya



Tel: 0727531220/0734740074

Email: info@islamic-relief.or.ke

Ref:

Date:

BILL OF QUANTITIES FOR THE CONSTRUCTION OF 2No. CLASSROOMS AND 2No. TWIN VIP LATRINE BLOCKS AT RHAMU D.E.B PRIMARY SCHOOL IN MANDERA NORTH, MANDERA COUNTY

BILL No.1: PROJECT SIGNBOARD

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Provide, fabricate and install MS Signboard (8ftx4ft) raised 1.0m above ground complete with appropriate paintwork, Islamic Relief Logo and Project details on either side.	ITEM	1		

TOTAL FOR BILL No. 1 CARRIED TO GRAND SUMMARY

BILL No.2: CONSTRUCTION OF 2 No. CLASSROOMS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT No.1:				
	SUBSTRUCTURES WORKS (All Provisional)				
1.1	Site Clearance				
A	Clear over site off grass, shrubs and all vegetation; cart away as directed	SM	136		
B	Excavate the vegetable soil average 200mm deep and cart away as directed	SM	136		
1.2	Excavations				
A	Excavate over site to reduce levels commencing from stripped level average 300mm and spread on site average 10metres away	CM	41		
B	Excavate for strip foundation starting form reduced level not exceeding 1.5m deep and cart away as directed	CM	66		
C	Ditto for Column bases	CM	11		
D	Extra Over for rock excavations	CM	2		
E	Return, fill -in and ram selected excavated material	CM	51		
F	Remove and cart away form site surplus excavate material as directed	CM	36		
1.3	Disposal of Waste				
	Keep all excavations free form all waste including spring and running water	ITEM	1		
1.4	Planking and Strutting				
	Uphold the sides of all excavations	ITEM	1		

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

1.5	Filling				
A	Hard core filing in making up levels not exceeding 300mm thick, depositing and compacting in layers of 125mm maximum thickness	SM	136		
B	50mm thick murrum blinding to surfaces of fill	SM	136		
	CARRIED TO COLLECTION (1)				
1.6	Anti-Termite Treatment				
	TERMIDOER or other equal and approved insecticide with 10-year guarantee to surfaces of fill and tops of foundations	SM	136		
1.7	Blinding				
	C15 Concrete to bases and foundations	SM	136		
1.8	In-situ Concrete				
	<u>In-situ concrete class 20/20mm vibrated</u>				
A	Strip footing	CM	9		
B	Column bases	CM	2		
C	150mm thick bed including ramp	CM	21		
1.9	Reinforcement				
	<u>Bars, high yield steel, cold worked to BS4461 including bends, hooks, tying wire and distance block</u>				
	10mm bars	KG	388		
1.10	Fabric B.S. 4483				
	Reference A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net -no allowance made for laps(including bends, tying wire and distance blocks	SM	136		
	CARRIED TO COLLECTION (2)				
1.11	Formwork				
	<u>Sawn formwork to in situ concrete as described:-</u>				
A	to sides; vertical or battering of strip foundations.	SM	30		
B	Ditto; column bases	SM	9		
C	Edges of ground floor slab; 75 to 150mm wide	LM	50		
1.12	Walling				
	200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar	SM	92		
1.13	Damp proofing				
A	Polythene; 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding	SM	136		
B	200mm wide; B.S. 743 Type A bitumen hessian base 150 mm laps (no allowance made for laps);	LM	53		

	horizontal, 1 no. layer, bedded in cement sand (1:3) mortar				
1.14	In situ finishings				
A	14mm thick 2 No. coat work cement sand (1:3) render; wood floated to concrete or block work base to walls; external	SM	25		
	<u>Prepare and apply three coats black bituminous paint on:-</u>				
B	Rendered plinths, externally.	SM	25		
	CARRIED TO COLLECTION (3)				
ITEM	DESCRIPTION				AMOUNT
	Collection from 1				
	Collection from 2				
	Collection from 3				
	TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY				
	ELEMENT No.2				
	SUPERSTRUCTURE (FRAME/WALLING)				
2.1	In situ concrete; reinforced; class 20 / (20mm); vibrated				
A	Beams	CM	6		
B	Columns	CM	1		
2.2	Reinforcement				
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>				
A	8mm bars	KG	225		
B	10mm bars	KG	297		
C	12mm bars	KG	102		
D	16mm bars	KG	128		
2.3	Formwork				
	Sawn formwork to in situ concrete as described: -				
G	to sides and soffits of beams.	SM	39		
H	sides of columns	SM	23		
2.4	Walling				
I	200mm thick approved local natural stone; roughly squared to superstructure walling; bedding and jointing in cement sand (1:3) mortar	SM	146		
J	200mm ventblock walling	SM	6		
	TOTAL FOR SUPERSTRUCTURE (FRAME/WALLING) CARRIED TO SUMMARY				
	ELEMENT No.3:				

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ROOF CONSTRUCTION				
3.1	Roof Covering			
	<i>Galvanized corrugated Sheet roofing; 30 gauge; Pre-painted</i>			
A	Roof covering not exceeding 45 deg from horizontal; fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps.	SM	168	
	<i>Accessories, fixing as necessary to roof</i>			
B	Ridge cap	LM	18	
3.2	Carpentry			
	<i>The following in sawn celcured cypress; all provisional</i>			
A	100 x 50mm sawn cypress tie beam	LM	63	
B	100 x 50mm rafters	LM	94	
C	100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s) 100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s)	LM	52	
D	100x50mm kingposts	LM	15	
E	100x 50mm sawn cypress struts	LM	26	
F	100 x 50mm sawn cypress ties	LM	54	
G	75 x 50mm sawn cypress purlins	LM	162	
3.3	Wrot cypress, prime grade			
A	200 x 25mm thick fascia board	LM	56	
B	Apply gloss paint to Fascias; 200 to 300mm girth; external	LM	56	
TOTAL FOR ROOF CONSTRUCTION CARRIED TO SUMMARY				
ELEMENT No. 4:				
DOORS/WINDOWS				
4.1	Steel Doors			
A	Steel casement doors overall size 900 x 2400mm	No.	2	
B	Rubber door stop complete with 38 mm rawl bolt	No.	2	
	<i>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to: -</i>			
C	General surfaces of Steel doors	SM	5	
4.2	Steel Windows			

Supply, assemble, fabricate and fix the following purpose made typical school grill windows complete with frame, R16 vertical/bracings and wire mesh with anti-rust paint coating on all sides/surfaces.

A	Windows size 1800 x 1200mm	No.	10		
TOTAL FOR WINDOWS AND DOORS CARRIED TO SUMMARY					
ELEMENT No.5 :					
FINISHES					
5.1	Wall Finishes				
<u>Plaster; 12mm thick 2 No. coatwork, 9mm first coat of cement sand (1:6); 3mm second coat of cement and lime putty (1:10); steel trowelled to concrete or brickwork base generally to: -</u>					
A	Walls; internal & external	SM	292		
B	3200x1500mm wide,25mm thick plaster steel trowelled to smooth finish for protruding blackboard section	SM	10		
5.2	Floor finishes				
A	38mm thick one coat backings; steel trowelled smooth to concrete base finished with redoxide cement; to floor level	SM	126		
5.3	Ceiling				
<u>Timber brandering</u>					
A	Timber brandering 100x50mm wall plugs	LM	70		
B	Timber brandering 50x50mm joist	LM	360		
C	12mm decorative chipboard Ceiling nailed to timber brandering and decoration to manufacturer's specification.	SM	96		
D	25x100mm Cornice	LM	56		
5.4	Painting and Decorations				
<u>Prepare and apply three coats of first quality plastic emulsion paint to: -</u>					
A	Plastered walls, beams and columns	SM	292		
<u>Prepare and apply three coats of first quality silk vinyl emulsion paint to:</u>					
B	Chipboard ceiling	SM	96		
<u>Prepare and apply three coats of first quality of black bitumastic paint to:</u>					
C	Blackboard	SM	10		
5.5	Islamic Relief Branding Artwork				

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

A	Provide branding and paintwork with Islamic Relief Logo and Project details	ITEM	1	
TOTAL FOR FINISHES CARRIED TO SUMMARY				

SUMMARY FOR BILL No. 2: CONSTRUCTION OF 2 No. CLASSROOMS

ITEM	DESCRIPTION		PAGE	AMOUNT
1	SUBSTRUCTURES			
2	FRAME/WALLING			
3	ROOFING			
4	DOORS/ WINDOWS			
5	FINISHES			

TOTAL FOR BILL No. 2 CARRIED TO GRAND SUMMARY

BILL No. 3: CONSTRUCTION OF 2 No. TWIN VIP LATRINE BLOCKS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT No.1 :				
	SUBSTRUCTURES WORKS (All Provisional)				
1.1	Site Clearance				
	Clear over site off grass, shrubs and all vegetation; cart away as directed	SM	14		
1.2	Excavations				
A	Excavate over site to reduce levels commencing from stripped level average 300mm and spread on site average 10metres away	CM	5		
B	Excavate for strip foundation starting from reduced level not exceeding 1.0m deep and cart away as directed	CM	12		
C	Return, fill -in and ram selected excavated material	CM	11		
D	Remove and cart away form site surplus excavate material as directed	CM	6		
1.3	Disposal of Waste				
	Keep all excavations free form all waste including spring and running water	ITEM	1		
1.4	Planking and Strutting				
	Uphold the sides of all excavations	ITEM	1		
1.5	Filling				
A	Hard core filing in making up levels not exceeding 300mm thick, depositing and compacting in layers of 125mm maximum thickness	SM	10		
B	50mm thick murrum blinding to surfaces of fill	SM	10		
	CARRIED TO COLLECTION (1)				
1.6	Anti-Termite Treatment				

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

	TERMIDOER or other equal and approved insecticide with 10-year guarantee to surfaces of fill and tops of foundations	SM	10		
1.7	Blinding				
	50mm C15 concrete blinding to foundations	SM	12		
1.8	Concrete				
	<u>In-situ concrete class 20/20mm vibrated</u>				
A	Strip footing	CM	3		
B	150mm thick bed including ramp	CM	2		
1.9	Reinforcement				
	<u>Bars, high yield steel, cold worked to BS4461 including bends, hooks, tying wire and distance block</u>				
A	10mm bars	KG	76		
1.10	Fabric B.S. 4483				
	Reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net -no allowance made for laps (including bends, tying wire and distance blocks	SM	10		
	CARRIED TO COLLECTION (2)				
1.11	Formwork				
	<u>Sawn formwork to in situ concrete as described: -</u>				
A	to sides; vertical or battering of strip foundations.	SM	10		
B	Edges of ground floor slab; 75 to 150mm wide	LM	16		
1.12	Walling				
	200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar	SM	18		
1.13	Damp proofing				
	Polythene; 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding	SM	12		
	CARRIED TO COLLECTION (3)				
ITEM	DESCRIPTION				AMOUNT
	Collection from 1				
	Collection from 2				
	Collection from 3				
	TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY				
	ELEMENT No.2:				

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

SUPERSTRUCTURES				
2.1	<u>In situ concrete; reinforced; class 20 / (20mm); vibrated</u>			
	Beams	CM	1	
2.2	Reinforcement			
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>			
A	8mm bars	KG	12	
B	10mm bars	KG	28	
2.3	Sawn formwork to in situ concrete as described: -			
A	to sides and soffits of beams.	SM	5	
2.4	Walling			
A	200mm thick approved local natural stone; roughly squared to superstructure walling; bedding and jointing in cement sand (1:3) mortar	SM	36	
B	200mm ventblock walling	SM	1	
TOTAL FOR SUPERSTRUCTURE (FRAME/WALLING) CARRIED TO SUMMARY				
ELEMENT No.3 :				
ROOF CONSTRUCTION				
3.1	Roof Covering			
	<u>Galvanized corrugated Sheet roofing; 30 gauge; pre-painted</u>			
A	Roof covering not exceeding 450 from horizontal; fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps.	SM	15	
3.2	Carpentry			
	<u>The following in sawn celcured cypress; all provisional</u>			
A	100 x 50mm rafters	LM	13	
B	100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s) 100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s)	LM	8	
C	75 x 50mm sawn cypress purlins	LM	20	
	<u>Wrot cypress, prime grade</u>			
D	200 x 25mm thick fascia board	LM	15	
E	Apply gloss paint to Fascias; 200 to 300mm girth; external	LM	15	
TOTAL FOR ROOF CONSTRUCTION CARRIED TO SUMMARY				
ELEMENT No.4 :				

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

	DOORS				
4.1	Timber Doors				
A	50 mm thick semi-solid cored flush door leaf size 820 x 2060 mm overall (plywood finished for painting)	No.	2		
B	Rubber door stop complete with 38 mm rawl bolt	No.	2		
C	Iron tower bolts fixed on inside and outside faces of doors	No.	4		
	<u>Prepare and apply three coats oil paint Mahogany/ varnish or other equal and approved to: -</u>				
D	General surfaces of Doors	SM	7		
	TOTAL FOR DOORS CARRIED TO SUMMARY				
	ELEMENT No.5 :				
	FINISHES				
5.1	Wall Finishes				
	<u>Plaster; 12mm thick 2 No. coatwork, 9mm first coat of cement sand (1:6); 3mm second coat of cement and lime putty (1:10); steel trowelled to concrete or brickwork base generally to: -</u>				
A	Walls; internal & external	SM	73		
5.2	Floor finishes				
	38mm thick one coat backings; steel trowelled smooth to concrete base finished with redoxide cement; to floors level	SM	12		
5.3	Painting and Decorations				
	<u>Prepare and apply three coats of first quality plastic emulsion paint to: -</u>				
A	Plastered walls and beams	SM	73		
5.4	Islamic Relief Branding Artwork				
	Branding with Islamic Relief Logo and Project Details as directed	ITEM	1		
	TOTAL FOR FINISHES CARRIED TO SUMMARY				
	ELEMENT No.6 :				
	PIT EXCAVATION AND PLUMBING				
6.1	Excavtion and Earthworks				
A	Clear the site of the proposed works of all vegetation, debris, temporary structures and cart away from site	SM	2		
B	Excavate oversite n.e 1.50m deep from reduced level	CM	3		
C	Ditto 1.5-3.0 deep	CM	3		
D	Ditto 3.0 - 4.5 deep	CM	3		

E	Ditto 4.5-6.0 deep	CM	3		
F	Ditto 6.0-7.5 deep	CM	3		
G	Ditto 7.5-9.0 deep	CM	3		
6.2	Rubble stone walling				
	400mm thick rubble wall lining for pit to a maximum depth of 1.5m	SM	9		
6.3	RC cover slab				
A	150mm thick C20 concrete slab	CM	1		
B	Formwork to edges of slab	LM	6		
C	10mm bars reinforcement	KG	22		
6.4	Plumbing Installation				
A	Construct regular masonry squat platform	Item	1		
A	150mm waste pipe connected to pit	LM	2		
B	100mm ventpipe complete with vent cover	LM	3		
C	Concrete Dhobi sinks (600x500x350mm) complete with pipe connection to squat hole	Sets	2		

TOTAL FOR FINISHES CARRIED TO SUMMARY

SUMMARY FOR BILL No. 3: CONSTRUCTION OF 2 No. TWIN LATRINE BLOCK

ITEM	DESCRIPTION			PAGE	AMOUNT
1	SUBSTRUCTURES				
2	FRAME/WALLING				
3	ROOFING				
4	DOORS				
5	FINISHES				
6	PIT EXCAVATION				
	<i>Sub-Total for 1 No. Twin Latrine Block</i>				
	<i>Total for 2 No. Twin Latrine Blocks (A)</i>				

TOTAL FOR BILL No. 3 CARRIED TO GRAND SUMMARY

GRAND SUMMARY OF PROJECT COMPONENTS

BILL	DESCRIPTION	AMOUNT
1	PROJECT SIGNBOARD	
2	CONSTRUCTION OF 2 No. CLASSROOMS	
3	CONSTRUCTION OF 2 No. TWIN LATRINE BLOCKS	
	SUB-TOTAL	
	Add VAT 16%	

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

GRAND TOTAL FOR THE CONSTRUCTION OF 2 No. CLASSROOMS AND 2 No. TWIN VIP LATRINE BLOCKS AT RHAMU D.E.B PRIMARY SCHOOL	
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Name of Bidder: _____

Authorized signature: _____

Name of Authorized signatory: _____

Functional Title: _____

Telephone Number: _____

Email Address: _____

Date: ___/___/2024

Official Stamp:

ANNEX II: B.O.Q- UPPERHILL PRIMARY

ISLAMIC RELIEF KENYA
Kirichwa Road
P.O Box 417-00200, KNH
Nairobi, Kenya



Tel: 0727531220/0734740074

Email: info@islamic-relief.or.ke

Ref:

Date:

BILLOF QUANTITIES FOR THE CONSTRUCTION OF 2No. CLASSROOMS AND 2No. TWIN VIP LATRINE BLOCKS AT UPPERHILL PRIMARY SCHOOL IN MANDERA NORTH, MANDERA COUNTY

BILL No.1: PROJECT SIGNBOARD

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Provide, fabricate and install MS Signboard (8ftx4ft) raised 1.0m above ground complete with appropriate paintwork, Islamic Relief Logo and Project details on either side.	ITEM	1		

TOTAL FOR BILL No. 1 CARRIED TO GRAND SUMMARY

BILL No.2: CONSTRUCTION OF 2 No. CLASSROOMS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT No.1:				
	SUBSTRUCTURES WORKS (All Provisional)				
1.1	Site Clearance				
A	Clear over site off grass, shrubs and all vegetation; cart away as directed	SM	136		
B	Excavate the vegetable soil average 200mm deep and cart away as directed	SM	136		
1.2	Excavations				
A	Excavate over site to reduce levels commencing from stripped level average 300mm and spread on site average 10metres away	CM	41		
B	Excavate for strip foundation starting form reduced level not exceeding 1.5m deep and cart away as directed	CM	66		
C	Ditto for Column bases	CM	11		
D	Extra Over for rock excavations	CM	2		
E	Return, fill -in and ram selected excavated material	CM	51		
F	Remove and cart away form site surplus excavate material as directed	CM	36		
1.3	Disposal of Waste				
	Keep all excavations free form all waste including spring and running water	ITEM	1		
1.4	Planking and Strutting				
	Uphold the sides of all excavations	ITEM	1		

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

1.5	Filling				
A	Hard core filing in making up levels not exceeding 300mm thick, depositing and compacting in layers of 125mm maximum thickness	SM	136		
B	50mm thick murrum blinding to surfaces of fill	SM	136		
	CARRIED TO COLLECTION (1)				
1.6	Anti-Termite Treatment				
	TERMIDOER or other equal and approved insecticide with 10-year guarantee to surfaces of fill and tops of foundations	SM	136		
1.7	Blinding				
	C15 Concrete to bases and foundations	SM	136		
1.8	In-situ Concrete				
	<u>In-situ concrete class 20/20mm vibrated</u>				
A	Strip footing	CM	9		
B	Column bases	CM	2		
C	150mm thick bed including ramp	CM	21		
1.9	Reinforcement				
	<u>Bars, high yield steel, cold worked to BS4461 including bends, hooks, tying wire and distance block</u>				
	10mm bars	KG	388		
1.10	Fabric B.S. 4483				
	Reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net -no allowance made for laps (including bends, tying wire and distance blocks	SM	136		
	CARRIED TO COLLECTION (2)				
1.11	Formwork				
	<u>Sawn formwork to in situ concrete as described: -</u>				
A	to sides; vertical or battering of strip foundations.	SM	30		
B	Ditto; column bases	SM	9		
C	Edges of ground floor slab; 75 to 150mm wide	LM	50		
1.12	Walling				
	200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar	SM	92		
1.13	Damp proofing				
A	Polythene: 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding	SM	136		
B	200mm wide; B.S. 743 Type A bitumen hessian base 150 mm laps (no allowance made for laps);	LM	53		

	horizontal, 1 no. layer, bedded in cement sand (1:3) mortar				
1.14	In situ finishings				
A	14mm thick 2 No. coat work cement sand (1:3) render; wood floated to concrete or block work base to walls; external	SM	25		
	<u>Prepare and apply three coats black bituminous paint on: -</u>				
B	Rendered plinths, externally.	SM	25		
	CARRIED TO COLLECTION (3)				
ITEM	DESCRIPTION				AMOUNT
	Collection from 1				
	Collection from 2				
	Collection from 3				
	TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY				
	ELEMENT No.2				
	SUPERSTRUCTURE (FRAME/WALLING)				
2.1	In situ concrete; reinforced; class 20 / (20mm); vibrated				
A	Beams	CM	6		
B	Columns	CM	1		
2.2	Reinforcement				
	<i><u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u></i>				
A	8mm bars	KG	225		
B	10mm bars	KG	297		
C	12mm bars	KG	102		
D	16mm bars	KG	128		
2.3	Formwork				
	Sawn formwork to in situ concrete as described: -				
G	to sides and soffits of beams.	SM	39		
H	sides of columns	SM	23		
2.4	Walling				
I	200mm thick approved local natural stone; roughly squared to superstructure walling; bedding and jointing in cement sand (1:3) mortar	SM	146		
J	200mm vent block walling	SM	6		

TOTAL FOR SUPERSTRUCTURE (FRAME/WALLING) CARRIED TO SUMMARY					
	ELEMENT No.3:				
	ROOF CONSTRUCTION				
3.1	Roof Covering				
	<i>Galvanized corrugated Sheet roofing; 30 gauge; pre-painted</i>				
A	Roof covering not exceeding 45 deg from horizontal; fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps.	SM	168		
	<i>Accessories, fixing as necessary to roof</i>				
B	Ridge cap	LM	18		
3.2	Carpentry				
	<i>The following in sawn celcured cypress; all provisional</i>				
A	100 x 50mm sawn cypress tie beam	LM	63		
B	100 x 50mm rafters	LM	94		
C	100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s) 100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s)	LM	52		
D	100x50mm kingposts	LM	15		
E	100x 50mm sawn cypress struts	LM	26		
F	100 x 50mm sawn cypress ties	LM	54		
G	75 x 50mm sawn cypress purlins	LM	162		
3.3	Wrot cypress, prime grade				
A	200 x 25mm thick fascia board	LM	56		
B	Apply gloss paint to Fascias; 200 to 300mm girth; external	LM	56		
TOTAL FOR ROOF CONSTRUCTION CARRIED TO SUMMARY					
	ELEMENT No. 4:				
	DOORS/WINDOWS				
4.1	Steel Doors				
A	Steel casement doors overall size 900 x 2400mm	No.	2		
B	Rubber door stop complete with 38 mm rawl bolt	No.	2		
	<i>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to: -</i>				
C	General surfaces of Steel doors	SM	5		

4.2	Steel Windows				
	<i>Supply, assemble, fabricate and fix the following purpose made typical school grill windows complete with frame, R16 vertical/bracings and wiremesh with anti-rust paint coating on all sides/surfaces.</i>				
A	Windows size 1800 x 1200mm	No.	10		
TOTAL FOR WINDOWS AND DOORS CARRIED TO SUMMARY					
ELEMENT No.5:					
FINISHES					
5.1	Wall Finishes				
	<i>Plaster; 12mm thick 2 No. coatwork, 9mm first coat of cement sand (1:6); 3mm second coat of cement and lime putty (1:10); steel trowelled to concrete or brickwork base generally to: -</i>				
A	Walls; internal & external	SM	292		
B	3200x1500mm wide,25mm thick plaster steel trowelled to smooth finish for protruding blackboard section	SM	10		
5.2	Floor finishes				
A	38mm thick one coat backings; steel trowelled smooth to concrete base finished with redoxide cement; to floor level	SM	126		
5.3	Ceiling				
	<i>Timber brandering</i>				
A	Timber brandering 100x50mm wall plugs	LM	70		
B	Timber brandering 50x50mm joist	LM	360		
C	12mm decorative chipboard Ceiling nailed to timber brandering and decoration to manufacturer's specification.	SM	96		
D	25x100mm Cornice	LM	56		
5.4	Painting and Decorations				
	<i>Prepare and apply three coats of first quality plastic emulsion paint to: -</i>				
A	Plastered walls, beams and columns	SM	292		
	<i>Prepare and apply three coats of first quality silk vinyl emulsion paint to:</i>				
B	Chipboard ceiling	SM	96		
	<i>Prepare and apply three coats of first quality of black bitumastic paint to:</i>				
C	Blackboard	SM	10		

5.5	Islamic Relief Branding Artwork				
A	Provide branding and paintwork with Islamic Relief Logo and Project details	ITEM	1		
TOTAL FOR FINISHES CARRIED TO SUMMARY					
SUMMARY FOR BILL No. 2: CONSTRUCTION OF 2 No. CLASSROOMS					
ITEM	DESCRIPTION			PAGE	AMOUNT
1	SUBSTRUCTURES				
2	FRAME/WALLING				
3	ROOFING				
4	DOORS/ WINDOWS				
5	FINISHES				
TOTAL FOR BILL No. 2 CARRIED TO GRAND SUMMARY					
BILL No. 3: CONSTRUCTION OF 2 No. TWIN VIP LATRINE BLOCKS					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELEMENT No.1:				
	SUBSTRUCTURES WORKS (All Provisional)				
1.1	Site Clearance				
	Clear over site off grass, shrubs and all vegetation; cart away as directed	SM	14		
1.2	Excavations				
A	Excavate over site to reduce levels commencing from stripped level average 300mm and spread on site average 10metres away	CM	5		
B	Excavate for strip foundation starting from reduced level not exceeding 1.0m deep and cart away as directed	CM	12		
C	Return, fill -in and ram selected excavated material	CM	11		
D	Remove and cart away form site surplus excavate material as directed	CM	6		
1.3	Disposal of Waste				
	Keep all excavations free form all waste including spring and running water	ITEM	1		
1.4	Planking and Strutting				
	Uphold the sides of all excavations	ITEM	1		
1.5	Filling				
A	Hard core filing in making up levels not exceeding 300mm thick, depositing and compacting in layers of 125mm maximum thickness	SM	10		
B	50mm thick murrum blinding to surfaces of fill	SM	10		
CARRIED TO COLLECTION (1)					

Tender Document for the Construction of 4No. Classrooms and 4 No. Twin VIP Latrine Blocks at Rhamu D.E.B and Upper Hill Primary schools in Mandera North, Mandera County.

1.6	Anti-Termite Treatment				
	TERMIDOER or other equal and approved insecticide with 10-year guarantee to surfaces of fill and tops of foundations	SM	10		
1.7	Blinding				
	50mm C15 concrete blinding to foundations	SM	12		
1.8	Concrete				
	<u>In-situ concrete class 20/20mm vibrated</u>				
A	Strip footing	CM	3		
B	150mm thick bed including ramp	CM	2		
1.9	Reinforcement				
	<u>Bars, high yield steel, cold worked to BS4461 including bends, hooks, tying wire and distance block</u>				
A	10mm bars	KG	76		
1.10	Fabric B.S. 4483				
	Reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net -no allowance made for laps (including bends, tying wire and distance blocks	SM	10		
	CARRIED TO COLLECTION (2)				
1.11	Formwork				
	<u>Sawn formwork to in situ concrete as described: -</u>				
A	to sides; vertical or battering of strip foundations.	SM	10		
B	Edges of ground floor slab; 75 to 150mm wide	LM	16		
1.12	Walling				
	200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar	SM	18		
1.13	Damp proofing				
	Polythene: 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding	SM	12		
	CARRIED TO COLLECTION (3)				
ITEM	DESCRIPTION				AMOUNT
	Collection from 1				
	Collection from 2				
	Collection from 3				

TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY				
	ELEMENT No.2:			
	SUPERSTRUCTURES			
2.1	<u>In situ concrete; reinforced; class 20 / (20mm); vibrated</u>			
	Beams	CM	1	
2.2	Reinforcement			
	<u>Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks</u>			
A	8mm bars	KG	12	
B	10mm bars	KG	28	
2.3	Sawn formwork to in situ concrete as described: -			
A	to sides and soffits of beams.	SM	5	
2.4	Walling			
A	200mm thick approved local natural stone; roughly squared to superstructure walling; bedding and jointing in cement sand (1:3) mortar	SM	36	
B	200mm vent block walling	SM	1	
TOTAL FOR SUPERSTRUCTURE (FRAME/WALLING) CARRIED TO SUMMARY				
	ELEMENT No.3:			
	ROOF CONSTRUCTION			
3.1	Roof Covering			
	<u>Galvanized corrugated Sheet roofing; 30 gauge; Pre-painted</u>			
A	Roof covering not exceeding 450 from horizontal; fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps.	SM	15	
3.2	Carpentry			
	<u>The following in sawn celcured cypress; all provisional</u>			
A	100 x 50mm rafters	LM	13	
B	100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s) 100 x 50mm wall plate ragbolted at 1200mm centres with 12mm diameter bolts (m/s)	LM	8	
C	75 x 50mm sawn cypress purlins	LM	20	
	<u>Wrot cypress, prime grade</u>			
D	200 x 25mm thick fascia board	LM	15	
E	Apply gloss paint to Fascias; 200 to 300mm girth; external	LM	15	

TOTAL FOR ROOF CONSTRUCTION CARRIED TO SUMMARY					
ELEMENT No.4:					
DOORS					
4.1	Timber Doors				
A	50 mm thick semi-solid cored flush door leaf size 820 x 2060 mm overall (plywood finished for painting)	No.	2		
B	Rubber door stop complete with 38 mm rawl bolt	No.	2		
C	Iron tower bolts fixed on inside and outside faces of doors	No.	4		
	<i>Prepare and apply three coats oil paint Mahogany/ varnish or other equal and approved to: -</i>				
D	General surfaces of Doors	SM	7		
TOTAL FOR DOORS CARRIED TO SUMMARY					
ELEMENT No.5:					
FINISHES					
5.1	Wall Finishes				
	<i>Plaster; 12mm thick 2 No. coatwork, 9mm first coat of cement sand (1:6); 3mm second coat of cement and lime putty (1:10); steel trowelled to concrete or brickwork base generally to: -</i>				
A	Walls; internal & external	SM	73		
5.2	Floor finishes				
	38mm thick one coat backings; steel trowelled smooth to concrete base finished with redoxide cement; to floors level	SM	12		
5.3	Painting and Decorations				
	<i>Prepare and apply three coats of first quality plastic emulsion paint to: -</i>				
A	Plastered walls and beams	SM	73		
5.4	Islamic Relief Branding Artwork				
	Branding with Islamic Relief Logo and Project Details as directed	ITEM	1		
TOTAL FOR FINISHES CARRIED TO SUMMARY					
ELEMENT No.6:					
PIT EXCAVATION AND PLUMBING					
6.1	Excavation and Earthworks				
A	Clear the site of the proposed works of all vegetation, debris, temporary structures and cart away from site	SM	2		
B	Excavate oversite n.e 1.50m deep from reduced level including hard stratum or rocky ground	CM	3		

C	Ditto 1.5-3.0 deep	CM	3		
D	Ditto 3.0 - 4.5 deep	CM	3		
E	Ditto 4.5-6.0 deep	CM	3		
F	Ditto 6.0-7.5 deep	CM	3		
G	Ditto 7.5-9.0 deep	CM	3		
6.2	Rubble stone walling				
	400mm thick rubble wall lining for pit to a maximum depth of 1.5m	SM	9		
6.3	RC cover slab				
A	150mm thick C20 concrete slab	CM	1		
B	Formwork to edges of slab	LM	6		
C	10mm bars reinforcement	KG	22		
6.4	Plumbing Installation				
A	Construct regular masonry squat platform	Item	1		
A	150mm waste pipe connected to pit	LM	2		
B	100mm ventpipe complete with vent cover	LM	3		
C	Concrete Dhobi sinks (600x500x350mm) complete with pipe connection to squat hole	Sets	2		
TOTAL FOR FINISHES CARRIED TO SUMMARY					

SUMMARY FOR BILL No. 3: CONSTRUCTION OF 2 No. TWIN LATRINE BLOCK

ITEM	DESCRIPTION			PAGE	AMOUNT
1	SUBSTRUCTURES				
2	FRAME/WALLING				
3	ROOFING				
4	DOORS				
5	FINISHES				
6	PIT EXCAVATION				
	<i>Sub-Total for 1 No. Twin Latrine Block</i>				
	<i>Total for 2 No. Twin Latrine Blocks (A)</i>				
TOTAL FOR BILL No. 3 CARRIED TO GRAND SUMMARY					

GRAND SUMMARY OF PROJECT COMPONENTS

BILL	DESCRIPTION	AMOUNT
1	PROJECT SIGNBOARD	
2	CONSTRUCTION OF 2 No. CLASSROOMS	
3	CONSTRUCTION OF 2 No. TWIN LATRINE BLOCKS	

	SUB-TOTAL	
	Add VAT 16%	
GRAND TOTAL FOR THE CONSTRUCTION OF 2 No. CLASSROOMS AND 2 No. TWIN VIP LATRINE BLOCKS AT UPPERHILL PRIMARY SCHOOL		

Name of Bidder: _____

Authorized signature: _____

Name of Authorized signatory: _____

Functional Title: _____

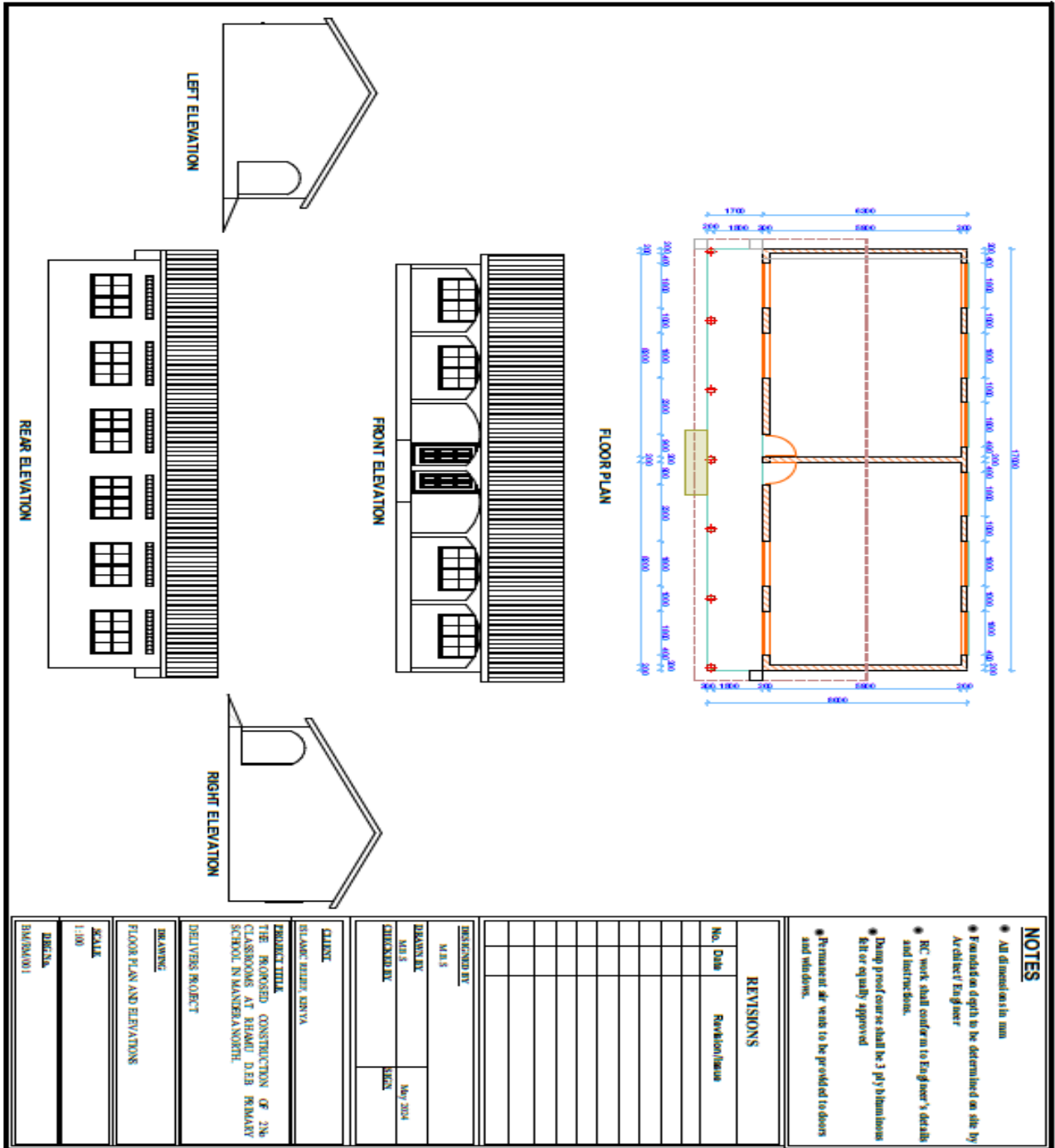
Telephone Number: _____

Email Address: _____

Date: ___/___/2024

Official Stamp:

ANNEX 111 – DRAWINGS RHAMU D.E.B PRIMARY



NOTES

- All dimensions in mm
- Finished floor levels to be determined on site by Architect Engineer
- RC work shall conform to Engineer's details and instructions.
- Damp proof course shall be 3 ply bitumen or kit of equaly approved
- Permanent air vents to be provided to doors and windows.

REVISIONS

No.	Date	Revision/Issue

DESIGNED BY	M.A.S
DRAWN BY	M.A.S
CHECKED BY	SEN
DATE	May 2014

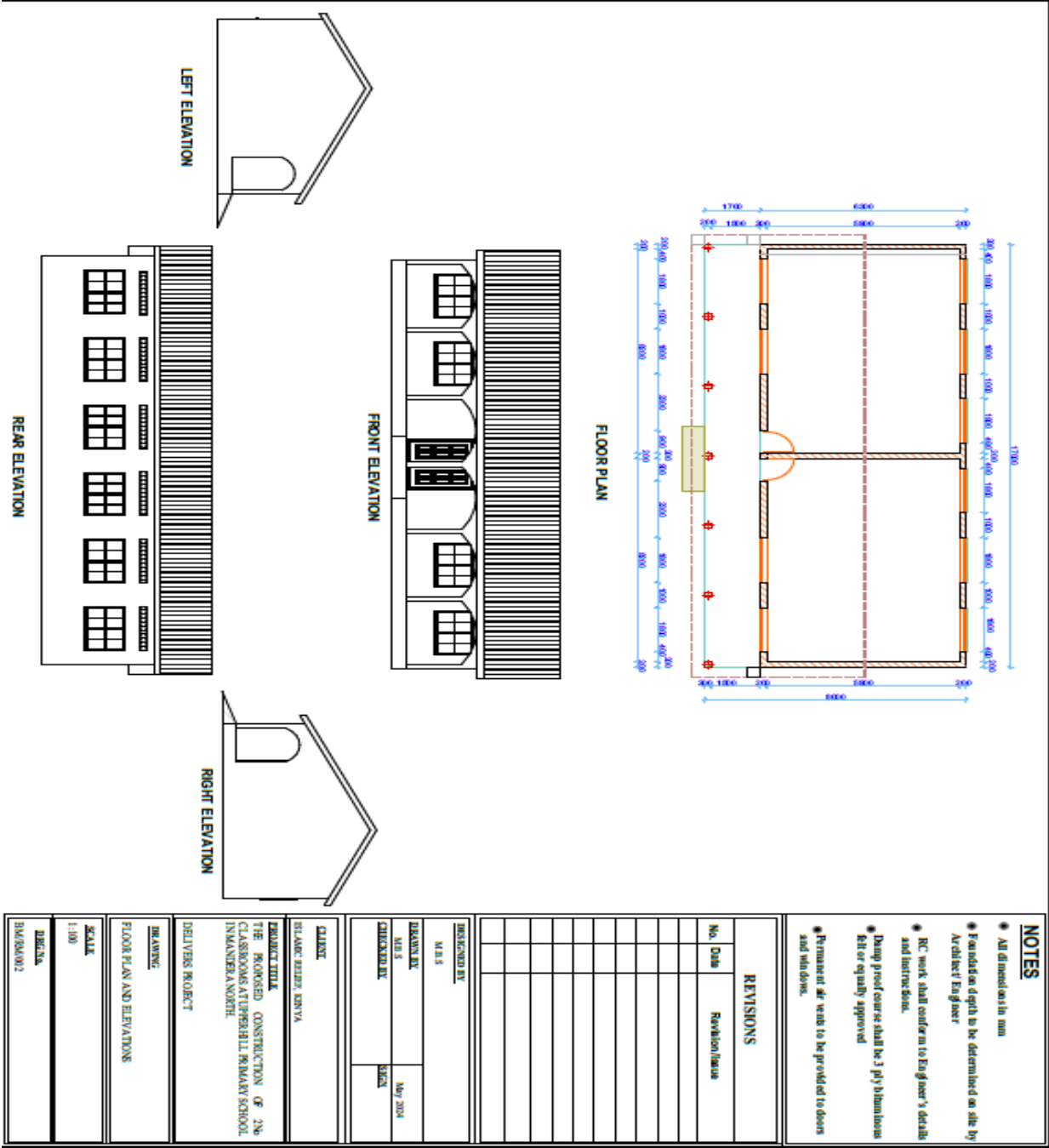
CLIENT
 ELGARIC HEALTH SERVICE

PROJECT TITLE
 THE PROPOSED CONSTRUCTION OF 2N6 CLASSROOMS AT RHAMU D.E.B PRIMARY SCHOOL IN MANDERA NORTH

DELIVERS PROJECT

DRAWING	FLOOR PLAN AND ELEVATIONS
SCALE	1:100
DRAWN	BM/SH/001

ANNEX IV – UPPERHILL PRIMARY



NOTES

- All dimensions in mm
- Foundation depth to be determined on site by Architect Engineer
- RC work shall conform to Engineer's details and instructions.
- Damp proof course shall be 3 ply bituminous felt or equally approved
- Permanent air vents to be provided to doors and windows.

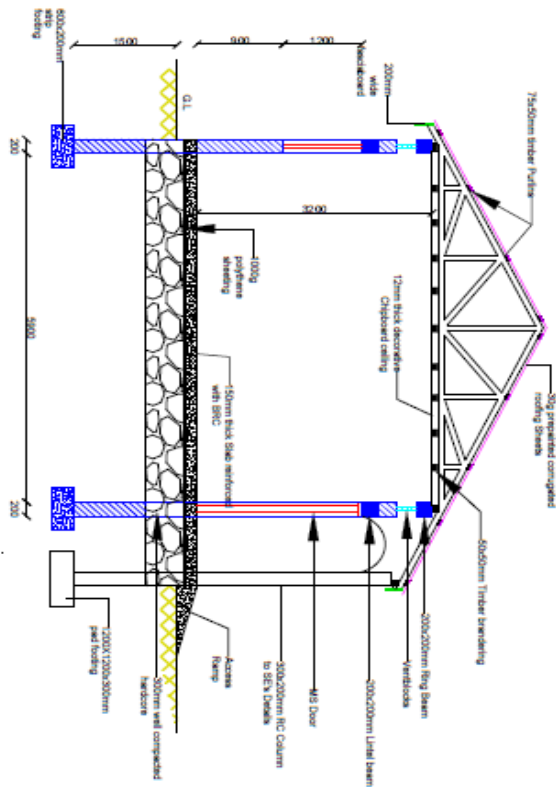
REVISIONS

No.	Date	Reason/Issue

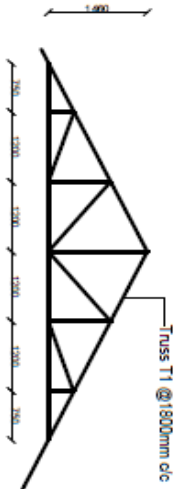
DRAWN BY	
M.S.S	
CHECKED BY	
M.S.S	May 2024
DATE	
MAY 5	
SCALE	
1:100	

CLIENT	
PROJECT TITLE	THE PROPOSED CONSTRUCTION OF 2No CLASSROOMS AT UPPERHILL PRIMARY SCHOOL, MANDERA NORTH.
DELIVERABLE PROJECT	
REVISIONS	
SCALE	1:100
DATE	20/04/2024

SECTIONAL VIEW



TRUSS DETAILS



- Timber Members**
- Kingpost, Walls plate Rafters, Joists, struts ties
 - Purfins
- 100x50mm Sections
75x50mm Sections

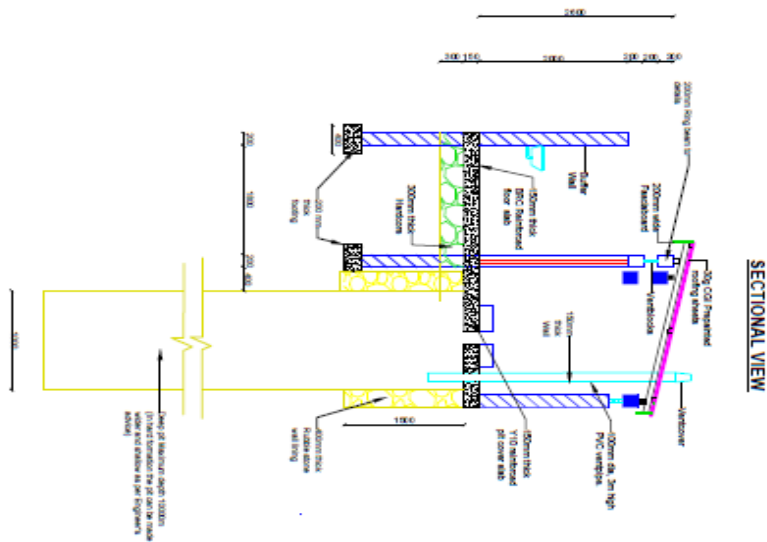
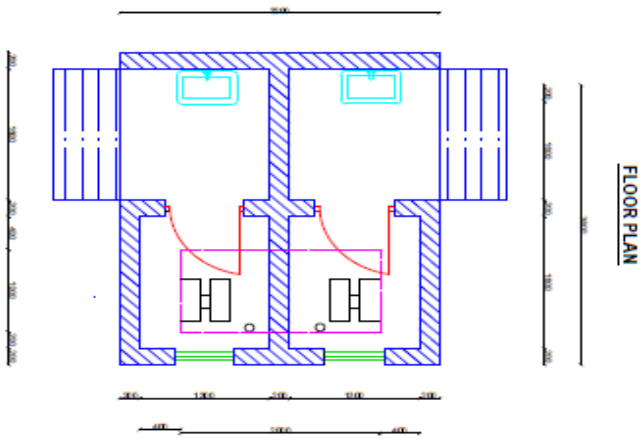
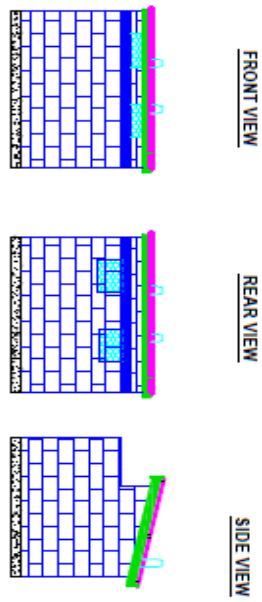
ISLAMIC RELIEF, KENYA

PROJECT: DELIVERS PROJECT PROPOSED CONSTRUCTION OF CLASSROOMS

DRAWING: CLASSROOM BLOCK SECTIONAL VIEW & TRUSS DETAILS

DRAWN: M.B.S
DATE: JAN 2024

SCALE: 1/100
DWG No.:RM/C/001



CLIENT:
ISLAMIC RELIEF KENYA

PROJECT DELIVERS
CONSTRUCTION OF TWIN VIP LATRINE BLOCK.

DRAWING:
FLOOR PLAN, ELEVATIONS AND SECTIONS

DESIGNED: M.B.S
CHECKED: M.B.S

DWG No.-LAT/MOR/002