



Islamic Relief Kenya

TENDER REFERENCE: IRK/ICSP/MDR/001/007/2024

**COMMUNITY WATER SUPPLY INFRASTRUCTURE WORKS AT KALMALAB
IN MANDERA NORTH SUB-COUNTY, MANDERA COUNTY.**

ISSUED ON: WEDNESDAY, 31ST JULY 2024

CLOSING DATE: WEDNESDAY, 14TH AUGUST 2024 11.00 AM

NAME AND CONTACT OF PROCURING ENTITY:

Procurement Committee
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 Community Water Supply infrastructure works at Kalmalab in Mandera North Subcounty,
Mandera County.*

INTRODUCTION:

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 Peacebuilding.

Islamic Relief Kenya invites sealed tenders for **COMMUNITY WATER SUPPLY INFRASTRUCTURE WORKS AT KALMALAB IN MANDERA NORTH SUB-COUNTY, 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.

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In Mandera IRK is implementing a 24 months project ***“Integrated Community Support Project”*** aiming to empower the vulnerable communities in Mandera county through the provision of integrated Community Support interventions with components on education, livelihoods and WASH. The project will enhance access to inclusive and accessible education, improved alternative livelihood to the target households and increased availability of water for household use and food production.

The program activities are in line with the local government strategic plans including the Mandera CIDP 2018-22 & IR Kenya 2022 Business Plan, NDMA Plan. IRK intends to take deliberate steps to support Mandera communities in their journeys to self-reliance through capacity building of relevant ministries at the National, County and Sub-counties levels, and increased efforts to involve county department officials in the routine monitoring and supervision of education, Livelihood and WASH interventions. IRK will also provide adequate training for direct beneficiaries with the end goal of sustainable programming.

The projects seeks to empower the vulnerable communities in Mandera county through the provision of integrated interventions with components on education, WASH and Livelihood. The project seeks to 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 is planning to undertake the Community water supply infrastructure works at Kalmalab in Mandera North sub-county, Mandera County to enhance access to clean water to the target community.

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 for **COMMUNITY WATER SUPPLY INFRASTRUCTURE WORKS AT KALMALAB IN MANDERA NORTH SUB-COUNTY, MANDERA COUNTY MANDERA COUNTY**: REF: IRK/ICSP/MDR/003/007/2024 and deposited in the Tender Box at located at the reception, Islamic Relief Kenya, Kenya Country Office, no later than **14th August 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.

1. Work Scope and Sites Details

The tender is for undertaking the following components as per Annex I – BoQ and Annex II – Drawings: Community Water Supply Infrastructure works at Kalmalab in Mandera North Sub-county, Mandera County.

2. 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.

3. Services

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

4. 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.

5. Clarification of Bidding Documents

6. 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:

Call us on +254 700 200 849

7. 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.

8. 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.

9. 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- Water 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 atleast 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 January 2024 – 30th June 2024)
- o) Audited reports for the last 2 years

Tender Document for Community Water Supply infrastructure works at Kalmalab in Mandera North Subcounty, Mandera County.

- 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.

10. Bid Currencies

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

11. Bids Prices

- The potential contractor shall submit his/her bid in the BOQ format provided in Annex I
- 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.

12. Withholding Tax

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

13. Retainer

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

14. 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.

15. 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

Tender Document for Community Water Supply infrastructure works at Kalmalab in Mandera North Subcounty, Mandera County.

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). (Water 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 either technical or 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)	15
		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	5 or More = (Max. 20 marks)	20
		4 LPOs/contracts/completion cert (Max 16 marks)	
		3 LPOs/contracts/completion cert (Max 12 marks)	

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	organization)	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

N/B: Bids that do not score 80% or above in the technical analysis will be automatically 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% variance) – 5	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 balance -0	40
3	Evidence of Certified letter of credit facilities from the reputable bank, or commensurate cash/bank balance.	Certified letter (signed & stamped) of credit with maximum allowable credit-10%. Uncertified letter of credit with no credit amount indicated -0	30
	TOTAL		100

NB: 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	31 st July 2024
Closing of tender	14 th August 2024
Opening of tender	14 th August 2024
Evaluation	15 th – 16 th August 2024
Award	19 th August 2024

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	

Tender Document for Community Water Supply infrastructure works at Kalmalab in Mandera North Subcounty, Mandera County.

Email	
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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 taken into account by IRK in considering whether or not 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>	<i>Kshs.</i> _____
<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>	

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

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 COMMUNITY WATER SUPPLY INFRASTRUCTURE WORKS AT
KALMALAB IN MANDERA NORTH, MANDERA COUNTY**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	BILL No.1: PROJECT SIGNBOARD				
	Provide, fabricate and install MS Signboard (1.5mx1.5m) raised 1.5m above ground complete with appropriate paintwork/artwork, Islamic Relief Logo and Project details on either side. Artwork to be done via stencil pasting and not freehand as shall be directed by the Engineer.	Item	1		
	TOTAL CARRIED TO GRAND SUMMARY				
2	BILL No.2: FENCING WORKS (40x40m borehole compound)				
2.1	Site Clearance and setting out	SM	1600		
2.2	Excavate post holes of size 300mm diameter and 450 mm deep to receive concrete poles.	No.	52		
2.3	Supply and fix precast concrete posts of size 125x125mm and 3m long/high inclusive of slant length of concrete grade C-20 placed at 3 metres apart c/c with 6 through holes for wire or bolt. The slant height to be max 0.45m in length at an angle of 45deg. The insitu mass concrete surround to be compacted.	No.	52		
2.4	Ditto but 125mmx100mm and 2.4m long precast concrete strut posts of grade C-20 placed at corners and after every 5 poles (15m) and ditto	No.	24		
2.5	Provide, place, compact and vibrate 1:2:4 concrete to the post holes.	CM	3		
2.6	Provide and fix heavy gauge 14 chain link fences, (18m long roll) 2.1m/7ft high to be fitted with appropriate strainers on the posts.	SM	326		
2.7	Provide and fix 6 rounds heavy gauge 16 barbed wire (610m long roll) with 3 rows at top slant of the posts and the 3 rows along the straight vertical length.	M	930		
2.8	Provide, place, compact and vibrate insitu 1:3:6 mass concrete to the base of the Chainlink within 100mm above the existing ground level.	CM	3		

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Mandera County.*

2.9	Construct 300mmx300mmx2500mm long reinforced concrete gate columns. Concrete surfaces to be fully plastered and painted with two coats gloss paint (perch blue) to Engineer's approval.	No.	2		
2.10	Provide materials, fabricate and install purpose made steel grided double leaf security gate overall size 5000x2000mm high in two equal opening leaves each size 2500x2000mm high with external frame of 50x50x3mm SHS spaced 1000mm c/c vertically and 1250mm c/c horizontally both internally and externally. Internal vertically bracings of 25x25x3mm spaced @ 150mm c/c horizontally all fixed to external frame by welding including all hinged joints. A pedestrian door 900mmx1900mm high to be assembled, welded to shape and fixed to position on the right eave of the gate. Provide 250mm wide MS strip across the entire gate horizontally. Complete Gate finished with heavy gauge wiremesh welded on the surface and locking devices to be supported by RC Columns specified above. All to be painted with two coats of approved primer and finished with final coat first grade gloss paint (perch blue). All to design drawing specifications.	No.	1		
TOTAL CARRIED TO GRAND SUMMARY					
3 BILL No. 3: SERVICING AND INSTALLATION OF EXISTING 1 No. GENSET					
	<i>Service and install existing 1 No. Dayliff Yanan Genset 30 KVA(Model: Dayliff YNS33YD)</i>				
3.1	Servicing of the Genset				
A	Supply and change of Engine Oil	Lts	10		
B	Supply and replacement of Engine Oil Filter	No.	1		
C	Supply and replacement of Air Cleaner	No.	1		
D	Supply and replacement of Fuel Filter	No.	1		
E	Supply and Install N70 Batteries	No.	1		
3.2	Installation of the Genset				
A	Install the generator set while utilizing all the available accessories on site and connect to the borehole. Use new accessories where applicable. The genset is to form a Hybrid system jointly with the exiting Solar system	Item	1		
B	Allow for contingencies to full system functionality	Item	1		
C	Allow for testing and commissioning to full system operationalization. Cost to include training of the local operator on running the Hybrid system	Item	1		
TOTAL CARRIED TO GRAND SUMMARY					
4 BILL No. 4: WATER SUPPLY PIPING					

4.1	Rising Main from Borehole to Elevated Tank				
A	Excavate and backfill pipeline trench (after laying of pipe) 450mm wide and between 0.6m and 1.5m deep. Cost to include excavations in rocky formations.	LM	1800		
B	Allow for GI Class B Connection to rising main from the borehole and adjoining fittings	Item	1		
C	Provide and lay HDPE Pipe PN 10 DN 75	LM	1800		
D	Supply of assorted fittings and other accessories	Item	1		
E	Provide single orifice air valve complete with fittings. Cost to include standard 1200mmx1200mmx1000mm protection chamber.	No.	4		
F	Provide non-return valve 3" non-return valve	No.	3		
G	Construct 1200mm x1200mm x 1000mm standard valve chamber with lockable cover complete with control valves and adjoining fittings	No.	2		
H	Allow for a lump sum amount to cater for contingencies, disinfection, testing and commissioning of the system	Item	1		
CARRIED TO COLLECTION					
4.2	Distribution Mains from elevated steel tank to 2 Water Kiosks with extensions within the village				
A	Excavate and backfill pipeline trench (after laying of pipe) 450mm wide and between 0.6m and 1.5m deep. Cost to include excavations in rocky formations.	LM	2000		
B	Provide and lay 2" HDPE Pipe PN 8	LM	2000		
C	Supply and fixaton of assorted fittings and other accessories	Item	1		
D	Construct 1200 x 1200 x1000 Valve Chambers with Lockable Steel cover connection complete with control valves and adjoining fittings	No.	3		
E	Allow for a lump sum amount to cater for contingencies, disinfection, testing and commissioning of the system	Item	1		
CARRIED TO COLLECTION					
SUMMARY					
4.1	RISING MAIN FROM BOREHOLE TO ELEVATED TANK				
4.2	DISTRIBUTION LINES FROM ELEVATED STEEL TANK TO WATER KIOSKS AND VILLAGE EXTENSION				
TOTAL CARRIED TO GRAND SUMMARY					
5	BILL No. 5: 24 CUBIC PRESSED STEEL WATER TANK ON 15M TOWER				

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	<i>Supply, deliver to site, fabricate and install to position the following components of the Elevated Steel Tank</i>				
5.1	Pressed Steel Tank				
	Fabricate, supply and erect on an elevated steel tower a pressed Hot-dip Galvanized steel section tank, effective capacity 24m ³ (4x3x2M) of 6mm thick panels elevated at 15m height tower complete with steel roof cover 3mm sheets, internal bracing, brackets, access cover and internal and external ladder, calibrated level indicator, fasteners, threaded nozzles, sealants and lockable manhole. Tank to be painted with two coats of non-toxic black bituminous paint internally and one coat of grey primer and two coats of silver aluminum externally. The tank & tower to strictly follow the drawing and have allowance for future expansion to increase capacity. Member Specifications as per drawings	CM	24		
5.2	15M High Tower				
	Provide shop drawings, fabricate ,deliver and erect a 15m high steel tower to BS 449 above foundation level steelwork complete with primer and alluminium paint to carry 24m ³ steel tank. The tower to comprise of UC columns of min dimesions 100 x 100 x 4mm, angle bracings, chequered plate platform and beams, access cat ladder and railing on the platform and fixtures necessary for erection.	Item	1		
5.3	Steel Tank Branding				
	4 plates to be branded with the provided organizational logo and wordings	Item	1		
5.4	GI pipework				
	Supply, deliver and install 3" dia G.I class B pipe for the inlet work, outlet, washout and overflow for the 24m ³ steel water tank on 15m steel tower. Rate to include connection to the tank by pass pipe, inlet gate valves and all necessary fittings including fasteners and anchor blocks.	Item	1		
5.5	Concrete Foundation				
A	Excavate for tank tower foundation, spread and level the excavated materials and stack surplus as directed for re-use: Depth to be determined on site	CM	12		
B	Provide C15 blinding concrete to foundation and ground beam	SM	11		
C	Supply and place reinforced concrete class 25/20 with D12 placed at 150c/c both way at bottom and sides to foundation for tank tower, for underground tie beam and 8Y16 for stub column bases: Cost to include reinforcement bars as specified measured net	CM	12		

D	Allow for contingencies, commissioning and testing to full operationalization of the tank for use by the community.	Item	1		
TOTAL CARRIED TO GRAND SUMMARY					
6 BILL No.6: REHABILITATION OF 1 No. EXISTING KIOSK					
6.1	Roof, floor and walls repairs.				
A	Hack Water Kiosk wall finishes including deep cracks, remove all debris inside and outer part of the structure and dispose off properly including provision for the chasing of the necessary pipeworks.	SM	10		
B	Inject cement mortar to all holes and hacked areas with cracks and fix with chicken wire and mortar (1:3)	SM	10		
C	Hack and demolish existing floor finishes including deep cracks and cart away debris.	SM	8		
D	38mm thick one coat backings; steel trowelled smooth to concrete base finished to floors level.	SM	8		
E	Plaster inner wall with cement sand to smooth finish including voids for the pipeworks.	SM	19		
F	Plaster the outer wall with cement sand finished to smooth finish.	SM	19		
6.2	Roof repair works				
A	Remove existing roof structure including timber members and cart away.	ITEM	1		
B	Install and fix to position 100 x 50mm sawn cypress wall plate	LM	10		
C	100x 50mm sawn cypress rafters	LM	12		
D	75x 50mm sawn cypress purlins	LM	18		
E	200 x 25mm thick fascia board	LM	12		
F	Provide and fix Galvanized corrugated Sheet roofing; 30 gauge; Pre-painted cover.	SM	14		
6.3	Demolition of Existing apron structure				
	Demolish existing apron and associated drainage works. Cart away and dispose of at safe area	Item	1		
6.4	Concrete Work				
A	Concrete grade 20/20 - 400 mm thick to Plinth/ Jerrycans point	CM	0.3		
B	Concrete grade 20/20 - 100mm thick slanting front area	CM	0.6		
6.5	Concrete Ancillaries				
A	Sawn formwork to Edges ground slab 100mm wide	LM	14		
B	Sawn formwork to sides and Soffits of 400mm deep plinth	SM	2		

C	A142 mild steel reinforcement	SM	10		
D	8mm reinforcement bars	KG	50		
E	10mm reinforcement bars	KG	34		
6.6	Doors and Windows				
A	1000x2000mm steel door including locks and hinges to details	No.	1		
B	1000x1000mm steel swing window including locks and hinges to details	No.	1		
6.7	Plumbing and Pipe fittings				
A	50 x25mm dia. Reducing bush	No.	1		
B	25mm dia. G.I. nipple	No.	2		
C	'Ditto' Gate valve	No.	8		
D	'Ditto' class 'B' pipe	M	3		
E	'Ditto' 90 deg bends, M-F	No.	4		
F	25 x20mm dia. G.I. Reducing bush	No.	2		
G	20mm dia. G.I. nipples	No.	4		
H	'Ditto' Unions	No.	6		
I	'Ditto' Sockets	No.	3		
J	'Ditto' Tees	No.	4		
K	'Ditto' Gate valves	No.	3		
L	'Ditto' Plug	No.	2		
M	'Ditto' class 'B' pipe	M	8		
N	'Ditto' 90 Elbows, F-F	No.	5		
6.8	Drainage				
A	<u>Catch pit</u>				
1	Excavate for 400mm squarex900mm catch pit to detail	CM	0.2		
2	100mm thick block lining to the sides of the catch pit	SM	2		
3	100mm thick mass concrete for catch pit base slab	CM	0.1		
4	20mm thick plaster mixed with Sika or equivalent water proofing admixture to walls surfaces internally .	SM	2		
5	Catch pit grating made from wileded sections to form 25mm square mesh on 50mm steel frame.	Item	1		
B	<u>Soak Pit</u>				
1	Prepare site by stripping top 150mm of soil to remove al debris including sand (if any) from site and carting away spoil	SM	1		

2	Pit excavation commencing at reduced leels depth not exceeding 1.50m deep.	CM	1.5		
3	Ditto 1.50 - 3.00 metres deep	CM	1.5		
4	Remove surplus excavated material from site	CM	3		
5	Graded approved free draining hard-core/ rubble stone filling the soak pit	CM	1		
6	100mm thick cover slab	CM	0.2		
7	10mm reinforcement bars	KG	13		
8	Sawn formwork to sides and soffits of slab	SM	1.4		
9	200mm Drainage PVC pipe for inlet and outlet connections including adjoining fittings	LM	10		
6.9	Painting and decoration				
A	Plastic emulsion paint on all masonry and concrete surfaces	SM	50		
B	Provide gloss piant to all plastered surfaces	SM	12		
B	Provide gloss piant to fasciaboard	LM	22		
C	Provide deep gloss piant to the steel door and windows	Item	1		
D	Provide for IRK branding Artworks to Engineer's details	Item	1		
	Subtotal for 1 No. Kiosk Rehabilitation (A)				
	TOTAL FOR 2 No. Kiosks Rehabilitation (B)	No.	2		
	TOTAL CARRIED TO GRAND SUMMARY (B)				
GRAND SUMMARY OF PROJECT COMPONENTS					
BILL	DESCRIPTION				AMOUNT
1	PROJECT SIGNBOARD				
2	FENCING WORKS				
3	SERVICING AND INSTALLATION OF 1 No. GENSET				
4	WATER SUPPLY PIPING				
5	24 CUBIC PRESSED STEEL WATER TANK ON 15M TOWER				
6	REHABILITATION OF 2 No. EXISTING KIOSKS				
	Sub-Total				
	Add VAT 16%				
TOTAL FOR KALMALAB COMMUNITY WATER SUPPLY INFRASTRUCTURE WORKS					

Name of Bidder: _____

Authorized signature: _____

Name of Authorized signatory: _____

Functional Title: _____

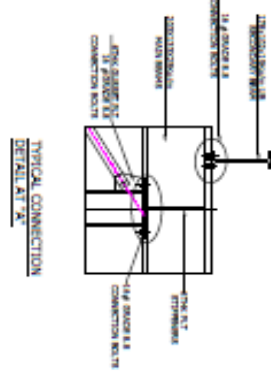
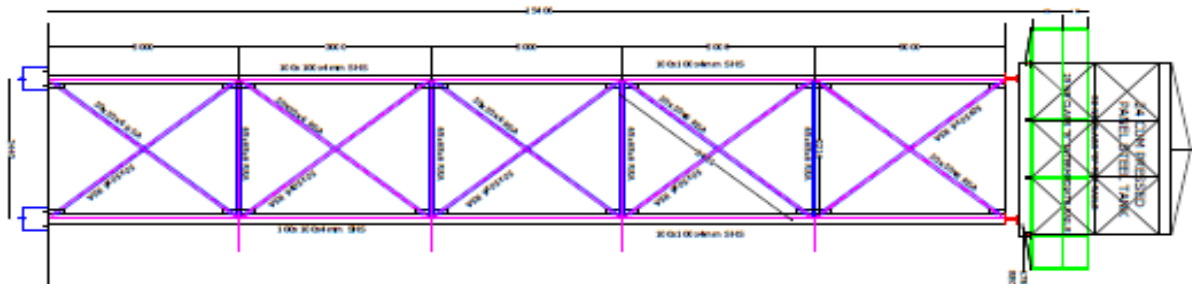
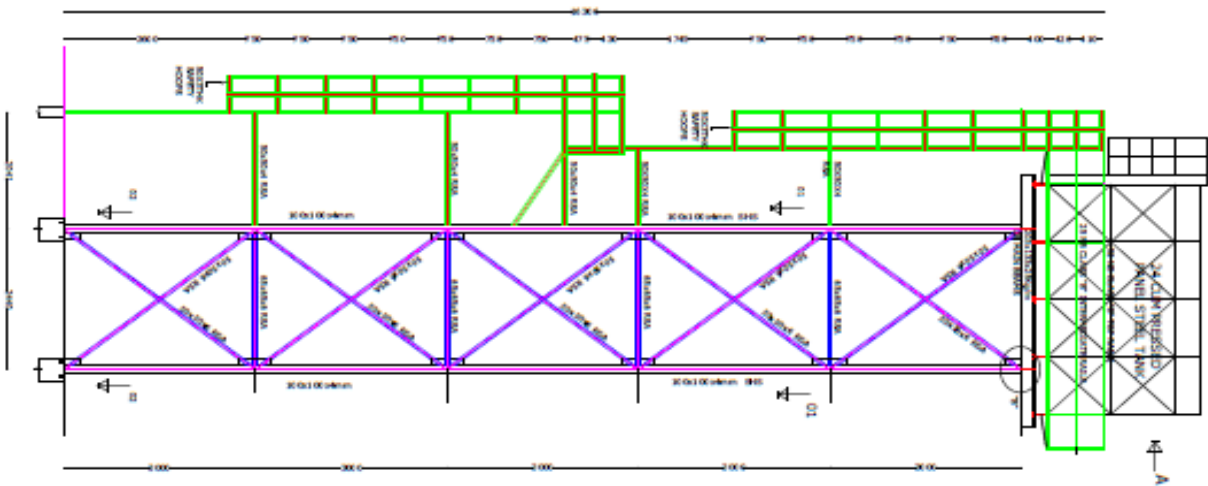
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Email Address: _____

Date: ___/___/2024

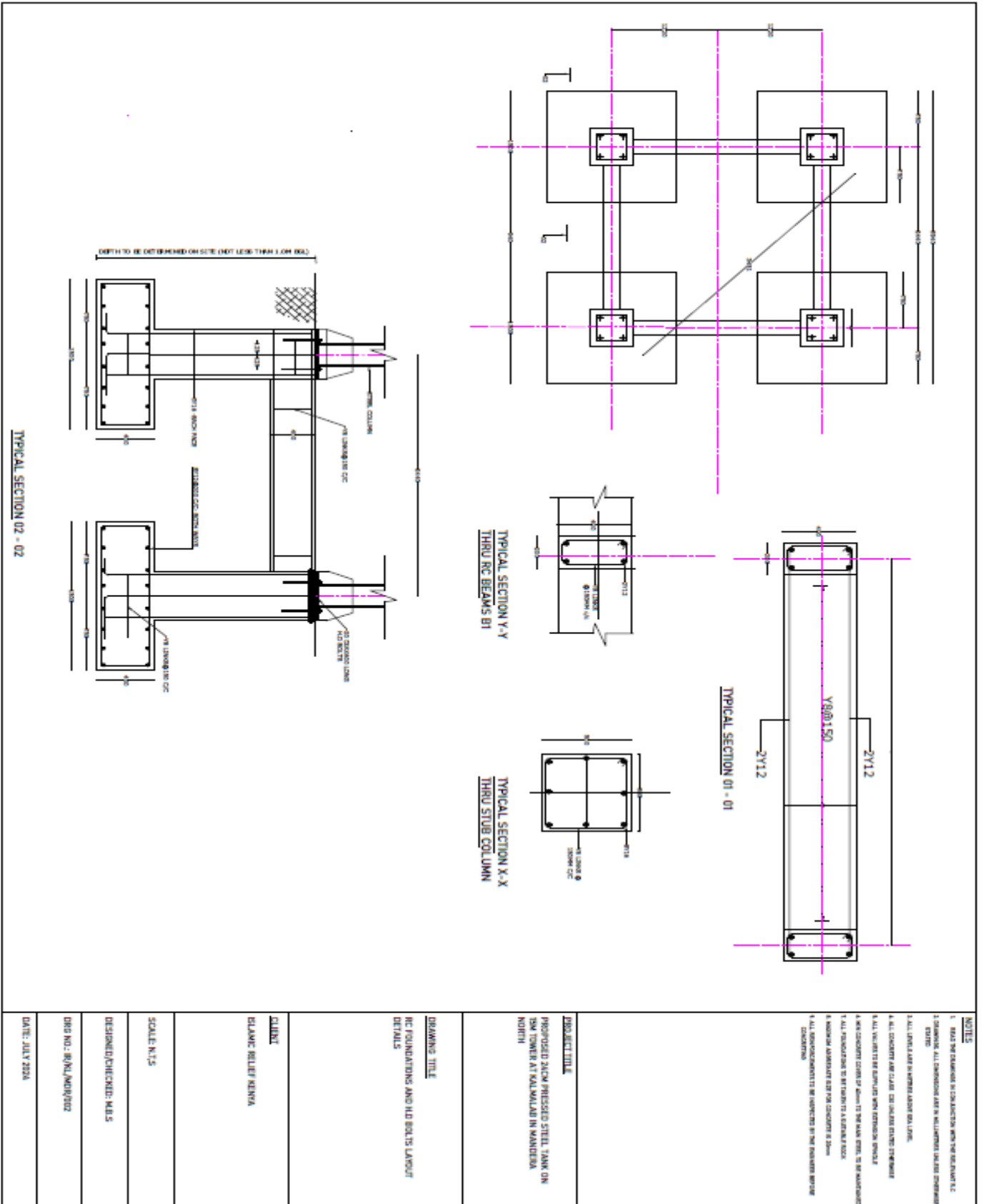
Official Stamp:

ANNEX II: DRAWINGS



- NOTES**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.

PROJECT TITLE	PROPOSED 24M HIGH RELIEF TANK ON TOWER
DRAWING TITLE	ELEVATION DETAILS
CADRE	RELIEF TANK
DESIGNED/CHECKED BY	MELLOW
SCALE	N.T.S.
DATE	JULY 2024



- NOTES**
1. REVISIONS AND CHANGES IN THIS SECTION WITH THE EXCEPT AS SHOWN.
 2. CONSULT ALL DIMENSIONS AND MATERIALS SPECIFICATIONS.
 3. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 4. ALL CONCRETE AND STEEL SHALL BE AS PER THE SPECIFICATIONS.
 5. ALL THE WORK TO BE DONE WITH THE EXCEPT AS SHOWN.
 6. ALL CONCRETE SHALL BE CASTED IN PLACE.
 7. ALL REINFORCEMENT SHALL BE AS PER THE SPECIFICATIONS.
 8. ALL DIMENSIONS SHALL BE AS PER THE SPECIFICATIONS.
 9. ALL DIMENSIONS SHALL BE AS PER THE SPECIFICATIONS.
 10. ALL DIMENSIONS SHALL BE AS PER THE SPECIFICATIONS.

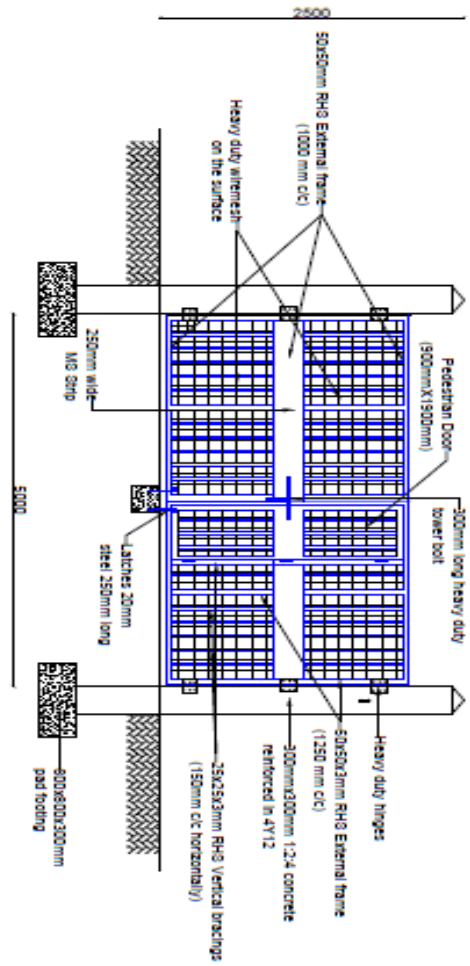
PROJECT TITLE
 PROPOSED 2400mm DIAMETER STEEL TANK ON
 RC TOWER AT KALMALAB IN MANDERA
 NORTH

DRAWING TITLE
 RC FOUNDATIONS AND HD BOLTS LAYOUT
 DETAILS

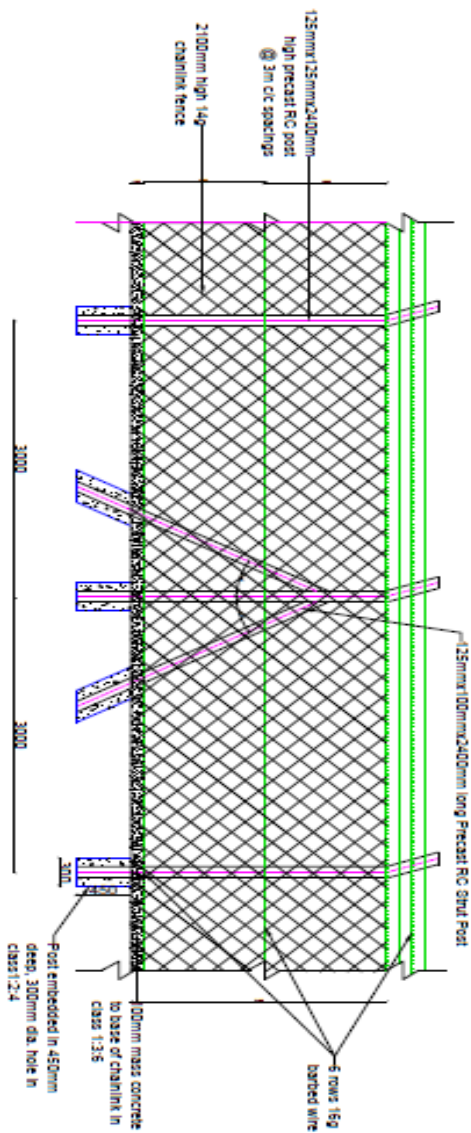
CLIENT
 ELAMIC RELIEF MENYA

SCALE N:1.5
DESIGNED/CHIEF ENGINEER M.S.
DWG NO. R/M/LAND/002
DATE JULY 2024

Gate Details



Fence Sectional Details



CLIENT:
ISLAMIC RELIEF KENYA

PROJECT: INTEGRATED COMMUNITY SUPPORT
FENCING OF KALMALAB BORERHOLE

DRAWING:
FENCE AND GATE DETAILS

DESIGNED: M.BILLOW
CHECKED: M.BILLOW

DWG No. SM/J/001