



International Rescue Committee (Sudan Country Program)

Request for Proposal (RFP) IRC/2SDN/TEN/2025/002

Rehabilitation and Installation of Water Sources in the Blue Nile State.

Item No.	DESCRIPTION	
Lot A	Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State	• BOQ 1 - Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State
Lot B	Installation of Submercible Pump Aat North Damazine Area_DMZ Locality, Blue Nile	• BOQ 1 - Installation of Submercible Pump at North Damazine Area_DMZ Locality, Blue Nile
Lot C	Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline 3" _DMZ Locality, Blue Nile	• BOQ 1 - Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline 3" _DMZ Locality, Blue Nile
Lot D	Block 50_Rehabilitation of Borehole & Elevated Water Tank_DMZ Locality, Blue Nile	• BOQ 1 - Block 50_Rehabilitation of Borehole & Elevated Water Tank_DMZ Locality, Blue Nile
Lot E	Rehabilitation of Mini Water Yard in Al Garri 2 WS - ArRusaires Locality, Blue Nile State	• BOQ 1 - Rehabilitation of Mini Water Yard in Al Garri 2 WS - ArRusaires Locality, Blue Nile State

Planned Timetable	
Issue Request for Proposal	13 July 2025
Suppliers return signed Intent to Bid forms due date	27 July 2025
Questions from Suppliers due date	16 July 2025
Answers to Suppliers questions due date	22 July 2025
Bid submission due date	27 July 2025 at 4PM Central Africa time
Bid Opening and Evaluation date	29 July 2025
Suppliers visit if applicable	31 July 2025
Award of Business	6 August 2025
Contract start	10 August 2025

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A. INTRODUCTION

1. *The International Rescue committee*

The International Rescue Committee, hereinafter referred to as “the IRC”, is a non-profit, humanitarian agency that provides relief, rehabilitation, protection, resettlement services, and advocacy for refugees, displaced persons and victims of oppression and violent conflict.

2. *The Purpose of this Request for Proposal (RFP)*

It is the intent of this RFP to secure competitive proposals to select Supplier(s) for the International Rescue committee (Sudan country Program /Blue Nile Office) to carry out (Rehabilitation and Installation of Water Sources in the Blue Nile State) to or at the following locations (Salble, North Damazine, Daralsalam Gogish, Block 50 and Al Garri 2, Blue Nile State, Sudan). All qualified and interested Suppliers are invited to submit their proposals as follows:

Item No.	DESCRIPTION	
Lot A	Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State	<ul style="list-style-type: none"> BOQ 1 - Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State
Lot B	Installation of Submercible Pump at North Damazine Area_DMZ Locality, Blue Nile state	<ul style="list-style-type: none"> BOQ 1 - Installation of Submercible Pump at North Damazine Area_DMZ Locality, Blue Nile
Lot C	Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline 3" _DMZ Locality, Blue Nile	<ul style="list-style-type: none"> BOQ 1- Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline 3" _DMZ Locality, Blue Nile
Lot D	Block 50_Rehabilitation of Borehole & Elevated Water Tank_DMZ Locality, Blue Nile	<ul style="list-style-type: none"> BOQ 1- Block 50_Rehabilitation of Borehole & Elevated Water Tank_DMZ Locality, Blue Nile
Lot E	Rehabilitation of Mini Water Yard in Al Garri 2 WS - ArRusaires Locality, Blue Nile State	<ul style="list-style-type: none"> BOQ 1- Rehabilitation of Mini Water Yard in Al Garri 2 WS - ArRusaires Locality, Blue Nile State

Note: A Bidder may participate in one or more Lots.

The winning Bidder(s) will enter into a fixed price Agreement. Bidders shall be domiciled in and shall comply with all Government Regulations to operate in (Sudan). Bidders shall be regular taxpayers and shall furnish a copy of their operating license/certificate of registration valid for the fiscal year (2024/2025). Bidders shall not be under a declaration of ineligibility for corrupt or fraudulent practices.

3. *Cost of Bidding*

The Bidder shall be responsible for all costs associated with the preparation and submission of its bid, and IRC hereinafter referred to as “the Purchaser”, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. THE BIDDING DOCUMENTS:

4. The Bidding Documents

The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents prepared for the selection of qualified suppliers. Failure to furnish all information required as per the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in bid rejection.

The Bidding documents shall include the following documents:

- *The Request for Proposal – RFP (this document);*
- *Scope of Work attached. – Annex A*
- *Price offering sheet (As per BOQ) Annex E*
- *Signed Vendor Information form (VIF)- Annex B*
- *IRC Conflict of Interest and supplier code of conduct filled, signed & stamped – Annex C*
- *Intent to Bid filled, signed & stamped - Annex D*

5. Clarification of Bidding Documents

A prospective Bidder requiring clarification of the Bidding Documents may notify the Purchaser in writing at su-khartoumprocurement@rescue.org. The request for clarification must reach the purchaser not later than (16 July 2025). The Purchaser shall respond by e-mail providing clarification on the bid documents no later than (22 July 2025). Written copies of the Purchaser’s response (including an explanation of the query but without identifying the source of inquiry) shall be communicated to all prospective Bidders which express an intention to submit bids.

C. PREPARATION OF BIDS:

6. Language of Bid

The Bid and all related correspondence and documents exchanged between the Bidders and the Purchaser shall be written in (English). Any printed literature furnished by the Bidder and written in another language shall be accompanied by a (English) translation of its pertinent passages, in which case, for purposes of interpretation of the bid, the (English) version shall prevail.

7. Documents Comprising the Bid

The submitted bid shall include the following information. Failure to provide all requested information or to comply with the specified formats may disqualify the Bidder from consideration.

Eligibility documents that will be checked before technical evaluation (Preliminary Evaluation)

- *Profile of the company*
- *Certified or color copy of trading license.*
- *Certified or color copy of income tax clearance*
- *Copy of VAT Registration Certificate (If applicable)*

- *Certificate of Business registration*
- *Memorandum and Article of Association*
- *Vendor information form filled, signed & stamped **Annex B***
- *IRC Conflict of Interest and supplier code of conduct filled, signed & stamped – **Annex C***
- *Intent to Bid filled, signed & stamped **Annex D***

Technical (Envelop/Folder)

- *Tenderer's Scope of Work **Annex A***
- *Tenderer's Key Personnel with CVs and academic documents.*
- *Evidence of experience, that is Recommendation Letters or Certificates of Completion, at least 5 Letters/Certificates shall be submitted.*
- *Evidence of ownership of the equipment (Vehicle Receipts or Registration book) or lease agreement.*
- *Technical BoQs filled, signed & stamped. **Annex E***
- *Technical drawings signed & stamped- **Annex F***
- *Program/Schedule of work Form –filled, signed & stamped. **Annex G***

Financial Envelop

- **Annex E:** - *Tenderer's Financial Offer Priced Bills of Quantities.*
- *Other important documents bidder feels need to be attached to support his/her bid.*

8. **Bid Prices.**

The Bidder shall clearly indicate the unit price of the goods it proposes to supply. All unit prices shall be clearly indicated in the space provided in the price schedule, and all unit prices quoted in the RFP response shall be agreed to be in effect for a minimum of twelve (12) months beginning on the date when the contract is executed, with the exception of products or services which are subject to significant and unavoidable market forces which prevent this, in which case the Bidder shall describe and justify the driver(s) of potential price fluctuation during the first twelve (12) months of the agreement. The Bidder shall sign the price schedule and shall stamp the price schedule with the Bidding Company's seal where feasible.

9. **Bid Currencies**

All financial rates and amounts entered in the Bid Form and Price Schedule and used in documents, correspondence, or operations pertaining to this tender shall be expressed in (USD). **Disclaimer:** IRC is not obligated to compel any bank in Sudan to process payments to vendors in USD. The Sudanese bank may retain the discretion to disburse the contract equivalent in Sudanese Pounds (SDG), utilizing the official exchange rate set by the Central Bank of Khartoum.

10. **Document Establishing Goods Eligibility and Conformity to Bidding Documents**

Pursuant to Clause 7, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the Bidding Documents of all goods and services, which the Bidder proposes to supply under the Contract.

The Documentary evidence of the goods' and services' conformity to the Bidding Documents may be in the form of technical specifications, literature, drawings, data (tables, graphs etc.), and shall furnish:

- A detailed description of the goods' essential technical and performance characteristics.
- A clause-by-clause commentary on the Purchaser's Technical Specifications demonstrating the goods' and services' substantial responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

The Bidder may propose alternate standards, brand-names and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions are substantially equivalent or superior to those designated in the Technical Specifications.

11. Bid Security

For the Purpose of this Tender Process, Bid Security or Bond is not applicable.

12. Period of Validity of Bids

Bids shall remain valid for 120 working days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period may be rejected by the Purchaser as non-responsive.

In exceptional circumstances, the Purchaser may request the Bidders to extend the period of validity. The request and the responses thereto shall be made in writing by letter or e-mail. A bidder agreeing to the request will not be required nor permitted to modify his bid.

13. Format and Signing

The original bid shall be signed by the Bidder or by a person or persons authorized to bind the Bidder to the contract. Financial proposal pages of the bid shall be initialed by the person or persons signing the bid and stamped with the Bidder's company seal.

Interlineations, erasures, annotations, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

Please note: A single bidder may not bid on the same tender via more than one company under his or her ownership. In addition, bidders having close relationships with other bidders (members of the same family, subsidiary, or daughter companies, etc.) may not bid on the same tender. This type of action, or any other action judged by the Purchaser to constitute collusive behavior, will lead to the bidder(s) being automatically eliminated from this tender and disqualified from participating in future IRC tenders. On the other hand, one bidder may submit more than one offer in response to the same tender only if the offers demonstrate clear differences in specifications, quality, lead time, and other characteristic of the goods and services offered.

D. SUBMISSION OF BIDS

14. Submission and Marking of Bids:

Bidder shall submit sealed bids addressed to the **Procurement Committee, at International Rescue Committee physically at IRC office in Blue Nile Office, Al Daraja block 15 plot 20 By 27 July 2025 4:00PM (Central African Standard Time).**

Bids submitted after the deadline will not be accepted. The PURCHASER may, at its discretion, extend the deadline for the submission of bids, in which case all rights and obligations of the PURCHASER and Bidders, as documented in the RFP, will be applicable to the new deadline.

Bidders shall sign the bid register form at the reception of the IRC office indicating their company name, telephone number, and date of submission.

Bidders shall sign the bid register form at the reception of the IRC office indicating their company name, telephone number, and date of submission.

Format

The Bidder's proposal shall include a technical proposal and a financial proposal, in separate sealed envelopes. Clearly indicate the Lot Number and Lot Title you are bidding for.

15. Modification and Withdrawal of Bids

The Bidder may modify or withdraw its Bid after submission, provided that written notice of the modification, including substitution or withdrawal of the Bids, is received by the Purchaser prior to the deadline prescribed for submission of Bids.

The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched. No Bid may be modified after the deadline for submission of bids.

E. BID OPENING AND EVALUATION

16. Preliminary Examination

The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether bids are generally in order.

17. Evaluation and Comparison of Bids

Bids determined to be substantially responsive as per section 7 above will be considered evaluated by the IRC Procurement Committee, with the below scoring criteria.

EVALUATION CRITERIA	DESCRIPTION	WEIGHT (%)
Eligibility	Refers to Bidder's ability to demonstrate that they have valid business registration, tax	Preliminary to pass to the next stage

	certificate, and all registration documents as required by the laws of Sudan. Eligibility criteria will be scored YES / NO. Yes, will proceed to full technical evaluation and NO will be excluded from Technical and Financial evaluation.	
Key Staff Capacity	Contractor's Site Supervisor should be a qualified civil Engineer (bachelor's degree) or equivalent with at least five years' project management experience. (Attach CV). Referring to the technical experience of the responsible civil engineers and those individuals who are assigned to this project. The presented personnel shall work with the IRC to supervise the construction and must be present to deliver the project.	10%
Program of Work (Work schedule) Annex G	Referring to Bidder, providing the most advantageous Work schedule in terms of weeks (7days/Week). Please specify in weeks for each BoQ structure in case you are bidding for more than one BoQ.	15%
Payment terms (Credit period and terms agree with IRC payment terms in installments as detailed in each BoQ. Annex E	The Purchaser payment terms are to pay within 30 calendar days of acceptance of services and receipt of invoice.	10%
Past Experience	Refers to Bidders ability to demonstrate relevant experience and technical knowledge of the services required, experience working with IRC and other INGOs. Evidence of experience, that is Recommendation Letters or Certificates of Completion, At least 5 Letters/Certificates of completion shall be submitted.	20%
Financial proposal (Offer as per price schedule / Bill of quantities) Annex E	Referring to the offer price, including taxes, duties, delivery charges, and payment terms. This shall be weighed against the lowest evaluated bid after technical evaluation, attaining the highest score 45%.	45%
		100%

18. Contacting the Purchaser

Subject to Clause 5, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded or the selected qualified supplier is announced.

19. Notification of Award

Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful bidder in writing or where necessary by telephone that his or her bid has been accepted and, selected for Master Purchase Agreement for the specific goods and/or services. At this stage IRC may also choose to negotiate with the selected bidder to finalize the offer.

F. CONTRACTING

20. Contract award and notification

The Purchaser shall award the Contract to the notified successful Bidder(s) whose bid has been determined to be substantially responsive and has been determined to be the best evaluated bid considering price and performance factors, provided further that the Bidder is determined to be qualified to enter into a Master Purchase Agreement and perform its obligations satisfactorily.

21. Warranty

The Supplier shall warrant that the goods to be supplied are new, unused, of the most recent or current models (products), and meet the Purchaser's specifications.

The warranty shall remain valid for a period of time as may be specified by the supplier in the Bid and this warranty period shall be considered as one of the bid advantages, and shall in no case be less than that which is provided for by (Sudan) Law if any.

22. Inspection

The Purchaser shall have the right to inspect the goods to confirm their conformity to the specification. The inspection will be conducted by assigned staff of the Purchaser or a reputed relevant consultant selected by the Purchaser.

In the future business relation, should any inspected goods fail to conform to the specification, the Purchaser may reject them and the Bidder shall replace the rejected goods without extension of time except at the Purchaser's sole discretion.

23. Price Schedules and Location

There are a total of five (5) Bill of Quantities:

Lot A	BOQ 1 - Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State
Lot B	BOQ 1 - Installation of Submercible Pump at North Damazine Area_DMZ Locality, Blue Nile
Lot C	BOQ 1 - Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline 3" _DMZ Locality, Blue Nile
Lot D	BOQ 1 - Block 50_Rehabilitation of Borehole & Elevated Water Tank_DMZ Locality, Blue Nile
Lot E	BOQ 1 - Rehabilitation of Mini Water Yard in Al Garri 2 WS - ArRusaires Locality, Blue Nile State

24. Service or consultant agreements

For service or consultant agreements time and material awards are not authorized unless it is the only suitable award and a ceiling is established.

25. Disclaimer

The Purchaser reserves the right to alter the dates of the timetable.

The Purchaser does not bind itself to accept the lowest or any proposal.

The Purchaser is not under obligation to compel Banks in Sudan to make payment to the vendor in USD

G. ETHICAL OPERATING STANDARDS**1. Compliance to the IRC Way**

The IRC Way: Standards for Professional Conduct ("The IRC Way"), the IRC's code of conduct, which can be found at: <https://www.rescue.org/page/our-code-conduct> and IRC's combating Trafficking in Persons Policy, which can be found at: <https://rescue.app.box.com/s/h6dv915b72o1mapxg3vczbqxjtboyel>. The IRC Way provides three (3) core values - Integrity, Service, and Accountability – and twenty-two (22) specific undertakings.

The IRC Way provides, inter alia, that IRC does "not engage in theft, corrupt practices, nepotism, bribery, or trade in illicit substances." IRC's procurement systems and policies are designed to maximize transparency and minimize the risk of corruption in IRC's operations.

IRC requests that a supplier

- (i) informs IRC upon becoming aware that the integrity of IRC's business has been compromised during the RFP process, and
- (ii) Reports such events through IRC's confidential hotline, Ethics point, which can be accessed at www.ethicspoint.com or via toll-free (866) 654-6461 in the U.S., or collect (503) 352-8177 outside the U.S.

2. Bidder Non-Collusion Statement

IRC prohibits collusion and will disqualify all bids where collusion is detected. Collusion happens when related parties submit separate bids for the same tender. Collusion includes situations where:

- a) Members of the same family submit separate bids for the same tender
- b) Separate companies owned by the same person submit separate bids for the same tender
- c) Employees of a bidding company submitting separate bids through companies they own for the same tender
- d) Partners in a bidder submitting separate bids under their own names/ companies they own for the same tender

It is collusion for a person to be involved in more than companies/ businesses submitting a bid to the same tender. Collusion will lead to IRC disqualifying the involved Individuals or companies from that tender as well as disqualify them from submitting bids for future tenders. In addition, IRC may share information relating to this collusion with other international aid organizations operating in the region leading to loss of business opportunities for the colluders.

List of annexes

- *Annex A - Scope of Work attached. (Lot A, B, C, D and E)*
- *Annex B - Vendor Information form (VIF)*
- *Annex C - IRC Conflict of Interest and Supplier Code of Conduct*
- *Annex D - Intent to Bid form*
- *Annex E - Price offering sheet –(Lot A,B,C,D and E)*

- *Annex F – Technical Drawings*
- *Annex G - Program/schedule of work*

ANNEX A - SCOPE OF WORK



Annex A: Scope of Work

(Lot A)

Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State Nile

The following technical statement of work is designed to set an appropriate standard and the technical attributes for rehabilitation required in the above-mentioned Rehabilitation of Mini Water Yard in Salble water source - Baw Locality, Blue Nile Region:

The Rehabilitation of Mini Water Yard in Salble water source shall include the detailed works as per BOQs attached.

The statement of work below should be read in parallel with conceptual design drawings and BOQs attached in the Annex.

All quantities, distances, levels, heights, specifications must be confirmed by the contractor to achieve the standards required by the IRC.

Below is the important summary of the required Rehabilitation work, for more detail referring to BOQ, the work shall include but not limited to the following:

- A. Site Preparation
- B. Provision and installation of Solar system & Submersible pump
- C. New Construction of Elevated Water Tank & Tower
- D. Distribution System (Pipe Works)
- E. Water Distribution Points
- F. Water Well Room
- G. Fence & Gate
- H. Building capacity for Water Yard operators

Work Requirements

The Contractor shall, at his own expense, visit the project site for inspection and study all the circumstances surrounding the implementation before submitting its prices.

The price provided for the construction includes all required work; the contractor shall supply the required materials for the work of good quality, compiled with required standards and specifications, and provide a certificate of compliance whenever needed.

Period of Performance

The Rehabilitation of Mini Water Yard in Salble Water Source considered to take a period of 40 - 45 days or 6 weeks to complete the work, and one month of retention period in the targeted Location.

Acceptance Criteria

The Contractor shall submit samples and quality check certificates of all materials before implementation and installation conforming to the specifications. IRC have the right to reject any unauthorized or irregular samples.

The Contractor shall bear the consequences of any removal of the infringing works. IRC have the right to reject any quantities executed before approval.

Other Requirements

The Contractor agrees to give retention period of one months after the work completion date and any defects happens during the (1) month period to be held responsible for it.



Annex A: Scope of Work

Lot B

Installation of Submercible Pump at North Damazine Area_DMZ Locality, Blue Nile

The following technical statement of work is designed to set an appropriate standard and the technical attributes for rehabilitation required in the above-mentioned Installation of Submercible Pump at North Damazine Area_Damazine Locality, Blue Nile Region:

Installation of Submercible Pump at North Damazine Area_Damazine Locality shall include the detailed works as per BOQs attached.

The statement of work below should be read in parallel with conceptual design drawings and BOQs attached in the Annex.

All quantities, distances, levels, heights, specifications must be confirmed by the contractor to achieve the standards required by the IRC.

Below is the important summary of the required Rehabilitation work, for more detail referring to BOQ, the work shall include but not limited to the following:

- A. Site Preparation
- B. Provision and installation of Submersible pump
- C. Transmission Pipeline
- D. Building capacity for Water Yard operators

Work Requirements

The Contractor shall, at his own expense, visit the project site for inspection and study all the circumstances surrounding the implementation before submitting its prices.

The price provided for the construction includes all required work; the contractor shall supply the required materials for the work of good quality, compiled with required standards and specifications, and provide a certificate of compliance whenever needed.

Period of Performance

Installation of Submercible Pump at North Damazine Area Damazine Locality; considered to take a period of 30 days or 4 weeks to complete the work, and one month of retention period in the targeted Location.

Acceptance Criteria

The Contractor shall submit samples and quality check certificates of all materials before implementation and installation conforming to the specifications. IRC have the right to reject any unauthorized or irregular samples.

The Contractor shall bear the consequences of any removal of the infringing works. IRC have the right to reject any quantities executed before approval.

Other Requirements

The Contractor agrees to give retention period of one months after the work completion date and any defects happens during the (1) month period to be held responsible for it.



Annex A: Scope of Work

Lot C

Daralsalam Gogish_Rehabilitation of Borehole & Transmission Pipeline 3" _DMZ Locality, Blue Nile

The following technical statement of work is designed to set an appropriate standard and the technical attributes for rehabilitation required in the above-mentioned Daralsalam Gogish_Rehabilitation of Borehole & Transmission Pipeline 3" _Damazine Locality, Blue Nile Region:

Daralsalam Gogish_Rehabilitation of Borehole & Transmission Pipeline 3" _Damazine Locality shall include the detailed works as per BOQs attached.

The statement of work below should be read in parallel with conceptual design drawings and BOQs attached in the Annex.

All quantities, distances, levels, heights, specifications must be confirmed by the contractor to achieve the standards required by the IRC.

Below is the important summary of the required Rehabilitation work, for more detail referring to BOQ, the work shall include but not limited to the following:

- E. Site Preparation
- F. Provision and installation of Submersible pump
- G. Transmission Pipeline
- H. Rehabilitation of Control Room
- I. Chlorine dosing pump
- J. Building capacity for Water Yard operators

Work Requirements

The Contractor shall, at his own expense, visit the project site for inspection and study all the circumstances surrounding the implementation before submitting its prices.

The price provided for the construction includes all required work; the contractor shall supply the required materials for the work of good quality, compiled with required standards and specifications, and provide a certificate of compliance whenever needed.

Period of Performance

Daralsalam Gogish_Rehabilitation of Borehole & Transmission Pipeline 3" _Damazine Locality; considered to take a period of 30 days or 4 weeks to complete the work, and one month of retention period in the targeted Location.

Acceptance Criteria

The Contractor shall submit samples and quality check certificates of all materials before implementation and installation conforming to the specifications. IRC have the right to reject any unauthorized or irregular samples.

The Contractor shall bear the consequences of any removal of the infringing works. IRC have the right to reject any quantities executed before approval.

Other Requirements

The Contractor agrees to give retention period of one months after the work completion date and any defects happens during the (1) month period to be held responsible for it.



Annex A: Scope of Work (SOW).

LOT D

Block 50_Rehabilitation of Borehole & Elevated Water Tank_DMZ Locality, Blue Nile

The following technical statement of work is designed to set an appropriate standard and the technical attributes for rehabilitation required in the above-mentioned Block 50_Rehabilitation of Borehole & Elevated Water Tank_Dmazine Locality, Blue Nile Region:

Block 50_Rehabilitation of Borehole & Elevated Water Tank_damazine Locality shall include the detailed works as per BOQs attached.

The statement of work below should be read in parallel with conceptual design drawings and BOQs attached in the Annex.

All quantities, distances, levels, heights, specifications must be confirmed by the contractor to achieve the standards required by the IRC.

Below is the important summary of the required Rehabilitation work, for more detail referring to BOQ, the work shall include but not limited to the following:

- A. Site Preparation
- B. Provision and installation of Submersible Motor
- C. New Construction of Control Room
- D. Rehabilitation of Solar System Area (Fence & Gate)
- E. Maintenance of Storage Water Tank
- F. Maintenance of existing tower of elevated water tank
- G. Chlorine dosing pump
- H. Building capacity for Water Yard operators

Work Requirements

The Contractor shall, at his own expense, visit the project site for inspection and study all the circumstances surrounding the implementation before submitting its prices.

The price provided for the construction includes all required work; the contractor shall supply the required materials for the work of good quality, compiled with required standards and specifications, and provide a certificate of compliance whenever needed.

Period of Performance

Block 50_Rehabilitation of Borehole & Elevated Water Tank Damazine Locality, Blue Nile; considered to take a period of 40 - 45 days or 6 weeks to complete the work, and one month of retention period in the targeted Location.

Acceptance Criteria

The Contractor shall submit samples and quality check certificates of all materials before implementation and installation conforming to the specifications. IRC have the right to reject any unauthorized or irregular samples.

The Contractor shall bear the consequences of any removal of the infringing works. IRC have the right to reject any quantities executed before approval.

Other Requirements

The Contractor agrees to give retention period of one months after the work completion date and any defects happens during the (1) month period to be held responsible for it.



Annex A: Scope of Work (SOW).

LOT E

Rehabilitation of Mini Water Yard in Al Garri 2 WS - Alrusaires Locality, Blue Nile State

The following technical statement of work is designed to set an appropriate standard and the technical attributes for rehabilitation required in the above-mentioned Rehabilitation of Mini Water Yard in Al Garri (2) water source - Alrusaires Locality, Blue Nile Region:

The Rehabilitation work in Garri (2) water source shall include the detailed works as per BOQs attached.

The statement of work below should be read in parallel with conceptual design drawings and BOQs attached in the Annex.

All quantities, distances, levels, heights, specifications must be confirmed by the contractor to achieve the standards required by the IRC.

Below is the important summary of the required Rehabilitation work, for more detail referring to BOQ, the work shall include but not limited to the following:

- I. Site Preparation
- J. Provision and installation of Solar system & Submersible pump
- K. Rehabilitation of Existing Elevated Water Tank (13500 L)
- L. New Construction of Elevated Water Tank & Tower
- M. Distribution System (Pipe Works)
- N. Water Distribution Points
- O. Maintenance of Existing Generator Room
- P. Fence & Gate
- Q. Building capacity for Water Yard operators

Work Requirements

The Contractor shall, at his own expense, visit the project site for inspection and study all the circumstances surrounding the implementation before submitting its prices.

The price provided for the Construction includes all required work; the contractor shall supply the required materials for the work of good quality, compiled with required standards and specifications, and provide certificate of compliance whenever needed.

Period of Performance

The Rehabilitation of Mini Water Yard in Al Garri 2 Water Source considered to take a period of 40 - 45 days or 6 weeks to complete the work, and one month of retention period in the targeted Location.

Acceptance Criteria

The Contractor shall submit samples and quality check certificates of all materials before implementation and installation conforming to the specifications. IRC have the right to reject any unauthorized or irregular samples.

The Contractor shall bear the consequences of any removal of the infringing works. IRC have the right to reject any quantities executed before approval.

Other Requirements

The Contractor agrees to give retention period of one months after the work completion date and any defects happens during the (1) month period to be held responsible for it.

ANNEX B

INTERNATIONAL RESCUE COMMITTEE

Vendor Information Form

*The information provided will be used to evaluate the Company before contracting with the IRC.
Please complete all fields.*

Fields marked (*) are mandatory.

Vendor Information

*Company\Organization Name *For individual consultants, provide legal first and last name		
*Any other names company is operating under (Acronyms, Abbreviations, Aliases) if any		
*Previous names of the company		
*Address		
*Website		
*Phone/Fax Numbers	Phone:	Fax:
*Primary Contact	First Name:	Last Name:
	Phone Number:	Email Address:
*Email address of Accounts Receivable person or team		
*Email address to which Purchase orders should be sent		
*Number of Staff		
Number of Locations		
Avg. \$ Value of Stock on Hand		
*Name(s) of Company Owner(s) or Board of Directors or CEO		
*Parent companies, if any		
*Subsidiary or affiliate companies, if any		

Vendor's Initials

Financial Information

*Bank Name and Address	Please include the full bank address, must include the country		
*Name under which company is registered at bank	Also called Account Title. Example: International Rescue Committee (IRC)		
*Specify Standard Payment Terms (Net, 15, 30 days etc)			
*Payment Method (select all that applies)	Payment by:	Check: Yes <input type="checkbox"/> No <input type="checkbox"/>	Wire Transfer: Yes <input type="checkbox"/> No <input type="checkbox"/>
Vendor preferred Currency	Cash: Yes <input type="checkbox"/> No <input type="checkbox"/>		
*Bank account number	This field is to be completed upon notification of awarding of order/contract		
*Routing Number (Branch code/ Sort code if applicable)	This field is to be completed upon notification of awarding of order/contract		
IBAN number (if applicable)	This field is mandatory if payment requires an international wire transfer		
BIC/Swift code (if applicable)	This field is mandatory if payment requires an international wire transfer		

Intermediary Banking Information (to be filled **ONLY** if vendor payment requires an international wire transiting through an **intermediary bank**. The vendor can obtain this information from their corresponding bank.)

*Bank Name and Address	Please include the full bank address, must include the country
*Bank Branch code	This field is mandatory if international wire transfer transits through an intermediary bank
*Bank account number	This field is mandatory if international wire transfer transits through an intermediary bank
BIC/Swift code (if applicable)	This field is mandatory if international wire transfer transits through an intermediary bank

Product/Service Information

List Range of Products/Services Offered	
Basis For Pricing (Catalog, List, etc.)	

Vendor's Initials _____

Documentations as applicable:

*Registration	Provided: <input type="checkbox"/>	Reasons:
	Not provided: <input type="checkbox"/>	
*Tax ID (US W9, tax exempt certificate, etc.) or country specific required tax forms	Provided:	
US Vendors only *Do you require a Form 1099?	Yes: <input type="checkbox"/>	No: <input type="checkbox"/>

References (optional)

Client Name:	<u>Contact Name, Phone, Email Address:</u>
Client Name:	<u>Contact Name, Phone, Email Address:</u>
Client Name:	<u>Contact Name, Phone, Email Address:</u>

Financial definitions:

- BIC/SWIFT code: consists of 8-11 characters used to identify the vendors bank during an international transaction
- IBAN number: is used to identify the vendors bank account involved in the international transaction
- The intermediary/correspondent bank is a third-party bank used by the vendor's bank to facilitate international transfers. The vendor can obtain this information from their corresponding bank.

Vendor Self-Certification of Eligibility

Company certifies that:

1. They are not debarred, suspended, or otherwise precluded from participating in major donor (e.g. European Union, European and United States Government, United Nations) competitive bid opportunities.
2. They are not bankrupt or being wound up, are having their affairs administered by the courts, have entered into arrangements with creditors, have suspended business activities, are the subject of proceedings concerning those matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations.
3. They have not been convicted of an offense concerning their professional conduct.
4. They have not been guilty of grave professional misconduct proven by any means that the contracting authority can justify, or been declared to be in serious breach of contract for failure to comply with their contractual obligations towards any contracts awarded in the normal course of business.
5. They have fulfilled obligations related to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which they are established or with those of the country where the contract is to be performed.

Vendor's Initials | _____

6. They have not been the subject of a judgment for fraud, corruption, involvement in a criminal organization or any other illegal activity.
7. They maintain high ethical and social operating standards, including:
 - Working conditions and social rights: Avoidance of Child Labor, bondage, or forced labor; assurance of safe and reasonable working conditions; freedom of association; freedom from exploitation, abuse, and discrimination; protection of basic social rights of its employees and the IRC's beneficiaries.
 - Environmental aspects: Provision of goods and services with the least negative impact on the environment.
 - Humanitarian neutrality: Endeavoring to ensure that activities do not render civilians more vulnerable to attack, or bring unintended advantage to any military actors or other combatants.
 - Transport and cargo: Not engaged in the illegal manufacture, supply, or transportation of weapons; not engaged in smuggling of drugs or people.
8. Company warrants that, to the best of its knowledge, no IRC employee, officer, consultant or other party related to IRC has a financial interest in the Company's business activities, nor is any IRC employee related to principals or owners of the company. Discovery of an undisclosed Conflict of Interest situation will result in immediate revocation of the Company's Authorized Vendor status and disqualification of Company from participation in future IRC procurement.
9. Vendor hereby confirms that the organization is not conducting business under other names or alias's that have not been declared to IRC.
10. Vendor hereby confirms it does not engage in theft, corrupt practices, collusion, nepotism, bribery, or trade in illicit substances.

By signing the Vendor Information Form you certify that your Company is eligible to supply goods and services to major donor funded organizations and that all of the above statements are accurate and factual.

IRC Conflict of Interest and Vendor Code of Conduct

Vendor hereby agrees that Vendor and Vendor's employees and subcontractors, if any, shall abide by and follow all established written policies of IRC related to work conduct, including, but not limited to, The IRC Way: Standards for Professional Conduct ("The IRC Way"), the IRC's code of conduct, which can be found at: <https://www.rescue.org/page/our-code-conduct> and IRC's Combating Trafficking in Persons Policy, which can be found here: <https://rescue.app.box.com/s/h6dv915b72o1rmapxg3vczbqxjtboye1>. The IRC Way provides three (3) core values - Integrity, Service, and Accountability – and twenty-two (22) specific undertakings. Vendor acknowledges that all IRC employees and independent contractors are expected to apply these core values and follow these undertakings in carrying out work on behalf of IRC. It is a point of pride for IRC to apply these behavioral standards in IRC's everyday operations.

Integrity - At IRC, we are open, honest and trustworthy in dealing with beneficiaries, partners, co-workers, donors, funders, and the communities we affect.

- We work to build the trust of the communities in which we work and sustain the trust earned by our reputation in serving our beneficiaries.
- We recognize that our talented and dedicated staff are our greatest asset and we conduct ourselves in ways that reflect the highest standards of organizational and individual conduct.
- Throughout our work, IRC respects the dignity, values, history, religion, and culture of those we serve.
- We respect equally the rights of women and men and we do not support practices that undermine the human rights of anyone.
- We refrain from all practices that undermine the integrity of the organization including any form of exploitation, discrimination, harassment, retaliation or abuse of colleagues, beneficiaries, and the communities in which we work.
- We do not engage in theft, corrupt practices, nepotism, bribery, or trade in illicit substances.

Vendor's Initials _____

- We accept funds and donations only from sources whose aims are consistent with our mission, objectives, and capacity, and which do not undermine our independence and identity.
- We support human rights consistent with the UN Universal Declaration of Human Rights and The Convention on the Rights of the Child.
- We rigorously enforce the UN Secretary General's Bulletin on the Protection from Sexual Exploitation and Abuse of Beneficiaries.
- IRC recognizes its obligation of care for all IRC staff and assumes their loyalty and cooperation.

Service - At IRC, our primary responsibility is to the people we serve.

- As a guiding principle of our work, IRC encourages self-reliance and supports the right of people to fully participate in decisions that affect their lives.
- We create durable solutions and conditions that foster peace, stability and social, economic, and political development in communities where we work.
- We design programs to respond to beneficiaries' needs including emergency relief, rehabilitation, and protection of human rights, post-conflict development, resettlement, and advocacy on their behalf.
- We seek to adopt best practices and evidence-based indicators that demonstrate the quality of our work.
- We endorse the Code of Conduct for the International Red Cross and Red Crescent Movement and NGOs in Disaster Relief.

Accountability - At IRC, we are accountable – individually and collectively – for our behaviors, actions and results.

- We are accountable and transparent in our dealings with colleagues, beneficiaries, partners, donors, and the communities we affect.
- We strive to comply with the laws of the governing institutions where we work.
- We maintain and disseminate accurate financial information and information on our goals and activities to interested parties.
- We are responsible stewards of funds entrusted to our use.
- We integrate individual accountability of staff through the use of performance evaluations.
- We utilize the resources available to our organization in order to pursue our mission and strategic objectives in cost effective ways.
- We strive to eliminate waste and unnecessary expense, and to direct all possible resources to the people we serve

Conflict of Interest and Legal Compliance

- Vendor hereby warrants that, to the best of its knowledge, no IRC employee, officer, consultant or other party related to IRC has a financial interest in the Vendor's business activities.
- Vendor hereby warrants that, to the best of its knowledge, no IRC employee, officer, consultant or other party related to IRC has a family relationship with the vendor's owners.
- Discovery of an undisclosed conflict of interest will result in immediate termination of any Agreement and disqualification of Vendor from participation in current and future IRC activities.
- Vendor hereby warrants that the organization is not conducting business under other names or alias's that have not been declared to IRC.
- Vendor hereby warrants that it does not engage in theft, corrupt practices, collusion, nepotism, bribery, trade in illicit substances, or terrorism or support of terrorism.
- Vendor hereby warrants that it complies with all applicable laws, statutes and regulations, including, but not limited to, export controls, import controls, customs regulations, trade embargoes and other trade sanctions and laws governing unlawful boycotts and payments to foreign government officials.

Vendor's Initials | _____

Vendor hereby agrees to maintain high ethical and social standards:

- Working conditions and social rights: Avoidance of child labor, bondage, or forced labor; assurance of safe and reasonable working conditions; freedom of association; freedom from exploitation, abuse, and discrimination; protection of basic social rights of its employees and IRC's beneficiaries; prohibition of trafficking in persons.
- Environmental aspects: Provision of goods and services with the least negative impact on the environment.
- Humanitarian neutrality: Endeavoring to ensure that activities do not render civilians more vulnerable to attack, or bring unintended advantage to any military actors or other combatants.
- Transport and cargo: Not engaged in the illegal manufacture, supply, or transportation of weapons; not engaged in smuggling of drugs or people.

Disclosures of conflict of interest shall be made in writing to the IRC Supply Chain Coordinator or Deputy Director of Operations in your country. For global procurement, please write to GSCQA. Email: GSCQA@rescue.org.

These IRC officials shall then determine whether a conflict exists and is material, and whether the contemplated transaction may be authorized as just, fair, and reasonable. If conflict exists, then the vendor with such a conflict shall be prohibited from participating in the transaction.

If you believe that any IRC employee, volunteer or intern is acting in a manner that is inconsistent with these Standards, please notify a supervisor or the confidential helpline Ethicspoint, irc.ethicspoint.com or call Ethicspoint toll-free (866) 654-6461 in the U.S./call collect (503) 352-8177 outside the U.S. There will be no retaliation against any person who raises concerns that are based on good faith belief of improper conduct. An intentionally false report or a failure to report conduct that is known to violate these standards may result in disciplinary action.

By signing this statement vendor acknowledges any violation of the above IRC policies will result in immediate termination of any agreement in place and disqualification from participation in future IRC activities.

Vendor Name:	
Signature:	
Title:	
Print Name:	
Date:	

Annex C

IRC Conflict of Interest and Supplier Code of Conduct

Supplier hereby agrees that Supplier and Supplier's employees and subcontractors, if any, shall abide by and follow all established written policies of IRC related to work conduct, including, but not limited to, The IRC Way: Standards for Professional Conduct ("The IRC Way"), the IRC's code of conduct, which can be found at: <https://www.rescue.org/page/our-code-conduct> and IRC's Combating Trafficking in Persons Policy, which can be found here: <https://rescue.app.box.com/s/h6dv915b72o1rnapxg3vczbqxjtboyel>.

The IRC Way provides three (3) core values - Integrity, Service, and Accountability – and twenty-two (22) specific undertakings. Supplier acknowledges that all IRC employees and independent contractors are expected to apply these core values and follow these undertakings in carrying out work on behalf of IRC. It is a point of pride for IRC to apply these behavioral standards in IRC's everyday operations.

Integrity - At IRC, we are open, honest and trustworthy in dealing with beneficiaries, partners, co-workers, donors, funders, and the communities we affect.

- We work to build the trust of the communities in which we work and sustain the trust earned by our reputation in serving our beneficiaries.
- We recognize that our talented and dedicated staff are our greatest asset and we conduct ourselves in ways that reflect the highest standards of organizational and individual conduct.
- Throughout our work, IRC respects the dignity, values, history, religion, and culture of those we serve.
- We respect equally the rights of women and men and we do not support practices that undermine the human rights of anyone.
- We refrain from all practices that undermine the integrity of the organization including any form of exploitation, discrimination, harassment, retaliation or abuse of colleagues, beneficiaries, and the communities in which we work.
- We do not engage in theft, corrupt practices, nepotism, bribery, or trade in illicit substances.
- We accept funds and donations only from sources whose aims are consistent with our mission, objectives, and capacity, and which do not undermine our independence and identity.
- We support human rights consistent with the UN Universal Declaration of Human Rights and The Convention on the Rights of the Child.
- We rigorously enforce the UN Secretary General's Bulletin on the Protection from Sexual Exploitation and Abuse of Beneficiaries.
- IRC recognizes its obligation of care for all IRC staff and assumes their loyalty and cooperation.

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- We design programs to respond to beneficiaries' needs including emergency relief, rehabilitation, and protection of human rights, post-conflict development, resettlement, and advocacy on their behalf.
- We seek to adopt best practices and evidence-based indicators that demonstrate the quality of our work.
- We endorse the Code of Conduct for the International Red Cross and Red Crescent Movement and NGOs in Disaster Relief.

Accountability - At IRC, we are accountable – individually and collectively – for our behaviors, actions and results.

- We are accountable and transparent in our dealings with colleagues, beneficiaries, partners, donors, and the communities we affect.
- We strive to comply with the laws of the governing institutions where we work.
- We maintain and disseminate accurate financial information and information on our goals and activities to interested parties.
- We are responsible stewards of funds entrusted to our use.
- We integrate individual accountability of staff through the use of performance evaluations.
- We utilize the resources available to our organization in order to pursue our mission and strategic objectives in cost effective ways.
- We strive to eliminate waste and unnecessary expense, and to direct all possible resources to the people we serve

Conflict of Interest and Legal Compliance

- Supplier hereby warrants that, to the best of its knowledge, no IRC employee, officer, consultant or other party related to IRC has a financial interest in the Supplier's business activities.
- Supplier hereby warrants that, to the best of its knowledge, no IRC employee, officer, consultant or other party related to IRC has a family relationship with the supplier's owners.
- Discovery of an undisclosed conflict of interest will result in immediate termination of any Agreement and disqualification of Supplier from participation in current and future IRC activities.
- Supplier hereby warrants that the organization is not conducting business under other names or alias's that have not been declared to IRC.
- Supplier hereby warrants that it does not engage in theft, corrupt practices, collusion, nepotism, bribery, trade in illicit substances, or terrorism or support of terrorism.

- Supplier hereby warrants that it complies with all applicable laws, statutes and regulations, including, but not limited to, export controls, import controls, customs regulations, trade embargoes and other trade sanctions and laws governing unlawful boycotts and payments to foreign government officials.

Supplier hereby agrees to maintain high ethical and social standards:

- Working conditions and social rights: Avoidance of child labor, bondage, or forced labor; assurance of safe and reasonable working conditions; freedom of association; freedom from exploitation, abuse, and discrimination; protection of basic social rights of its employees and IRC's beneficiaries; prohibition of trafficking in persons.
- Environmental aspects: Provision of goods and services with the least negative impact on the environment.
- Humanitarian neutrality: Endeavoring to ensure that activities do not render civilians more vulnerable to attack, or bring unintended advantage to any military actors or other combatants.
- Transport and cargo: Not engaged in the illegal manufacture, supply, or transportation of weapons; not engaged in smuggling of drugs or people.

Disclosures of conflict of interest shall be made in writing to the IRC Supply Chain Coordinator or Deputy Director of Operations in your country. For global procurement, please write to GSCQA. Email: GSCQA@rescue.org.

These IRC officials shall then determine whether a conflict exists and is material, and whether the contemplated transaction may be authorized as just, fair, and reasonable. If conflict exists, then the supplier with such a conflict shall be prohibited from participating in the transaction.

If you believe that any IRC employee, volunteer or intern is acting in a manner that is inconsistent with these Standards, please notify a supervisor or the confidential helpline Ethicspoint, irc.ethicspoint.com or call Ethicspoint toll-free (866) 654-6461 in the U.S./call collect (503) 352-8177 outside the U.S. There will be no retaliation against any person who raises concerns that are based on good faith belief of improper conduct. An intentionally false report or a failure to report conduct that is known to violate these standards may result in disciplinary action.

By signing this statement supplier acknowledges any violation of the above IRC policies will result in immediate termination of any agreement in place and disqualification from participation in future IRC activities.

Supplier Name:
Signature:
Title:
Print Name:
Date:

Annex D: Intent to Bid Form

**International Rescue Committee, Inc.
Intent to Bid**

IRC Reference #: ____ IRC/2SDN/TEN/2025/001

Company Name _____

(Please indicate #1 or #2 below)

1. ☐ It is the intent of this company to submit a response to the (Title of RFP) Request for Proposal.

Please provide a name and email address for the person within your company that should receive notices, amendments, etc. that are related to this RFP:

Name _____

Phone _____

Email _____

Signature (If faxed) _____

Title of Person signing _____

Date _____

We realize that this is an intent to bid and in no way obligates this company to participate in this process.

2. ☐ This company DOES NOT intend to participate in this RFP.

Name (Signature if faxed) _____

Title of Person signing _____

Date _____

Please fax or email this form at your earliest convenience to the attention of:

Name (YOU) _____

Fax _____

Email _____

ANNEX E: PRICE SCHEDULE.**Lot A: Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State**

Item	Description	Unit	Quantity	Unit Rate USD	Total amount USD
1	Site Preparation				
1.1	Mobilization: This item include physical mobilization of the equipment, construction materials & manpower.	Job	1		
2	Provision and installation of Solar system & Submersible pump				
2.1	Supply and install complete Submersible pump system including controller with DataModule, motor and pump 1.2 Kw including all necessary accessories and electrical standard cables, wries and connection to control panel. The price is inclusive of removing existing submersible water pump and inspection the well casing and filters status.	Unit	1		
	Motor cable 47 m 6 mm ² 3-phase cable for power and 1-phase cable for ground	ML	50		
2.2	GI pipes (Delivery pipe): Supply and install Galvanize pipe 1.5 inches Dim, 3 meters length with connection fittings.	No	13		
2.3	Supply and installation of Solar Panels to cover the load of 1.2 KW submersible pump. 6 pc of solar panle. 1,200 Wp; 3 x 2 modules; 15 ° tilted	No	6		
2.4	Steel stands for the solar panels: Provision of materials and fabrication of strong steel stand structure with Angel shape steel 2"x2" with 2 mm tickness including anti rust, three coats of oil paint to hold 6 solar panels. Plain Concrete for the foundation holes with (40*40*50cm), including labor cost.	Job	1		
2.5	Supply and installation of DC-AC Inverter for 1.2 KW submersible Pump, with all accessories.	No	1		
3	Elevated Water Tank & Tower				

3.1	Supply & erect 15000 L capacity, plastic cylindrical storage water tank (Tiga), mounted on a 3.0-meters height steel tower, all according to <u>technical specifications, drawing attached</u> and the directions of the IRC Engineer.	pcs	1		
4	Distribution System (Pipe Works):				
4.1	Supply and fix new 2.0" GI pipes from the well to the elevated water tank including all necessary fittings. The price is inclusive of removing existing pipeline.	ml	15		
4.2	Supply and fix 3" pipes from the elevated water tank to distribution point including all necessary fittings. The price is inclusive of removing existing pipeline.	ml	30		
4.3	Supply and install 2" non-return valve at the water tank inlet including all necessary fittings.	No	1		
4.4	Supply and install 3" valve at the elevated water tank outlet pipes including all necessary fittings.	No	1		
5	Water Distribution Points				
5.1	<u>Disrubuaion Point:</u> Construct of water distribution point 3m length × 1.2 m height from red bricks and cement mortar, plus cement plastering 4 sides mix (1:6) . The price is inclusive of (3") GL pipe with 10 water taps 3/4". the foundation should be from plain concrete 10cm and the top should be RC ϕ 12mm @ 20cm mech 12cm thickness. All the works should be complete according to specifications, design and the directions of the IRC Engineer.	LS	1		
5.2	Construct a collection channel and water storage pit at the end of drainage channel of distribution point away from the MWY (10m at least) for animal to drink the water, by 1.5*1.5*0.5 m depth, by one brick wall with mortar cement 1:8 plus plaster inside wall 1:6 , add 10 cm concrete in the bottom ,Include labors and materials (cement,bricks,water, sand)	LS	1		
5.3	<u>Cart Filling Stand:</u> Supply and fix cart filling stand including 2" GL stand pipe & 2.5 m height, 2" valve, 2" plastic hose of 2 m length, fixing the stand pipe with plain concrete. The price is inclusive supply and fix 2" GI pipe line for the cart filling stand , all according to drawings, specifications and the directions of the Engineer.	LS	1		
6	Water Well Room				

6.1	Supply and construct of steel Water Well room, Size of 4.00 m X 3.00 m X 2.50 m height at the front side and 2.20 m height at the back side. The Room frame by the square pipes size 8cm x 4 cm and should be completed with zinc sheets for the roof and sides. Two sides (N/S) should be furnished with a window of size 1.2 m X 1.2 m made with expanded metal and zinc sheets with one steel door of the size 2 m X 1 m and a concrete floor (1:2:4 mix) 10 cm thick. All according to drawings, specifications and the directions of the IRC Engineer.	Job	1		
7	Fence & Gate				
7.1	Provision of materials and installation of fence for the mini water yard, with gabion wire (class A), 20 × 20 × 2.0 m above ground level, 50 cm under the ground. 2" circular steel pipes of 2mm thickness painted with silver color paint, spaced at 2.5 m distances with 2 mm galvanized wire (at top, bottom and the middle), the 2 inch steel pipes (posts) will be erected in a 40 * 40 * 50 cm plain concrete base as shown in the drawings. Fence corners should be supported with 2-inch strainer-angled iron.	ml	100		
7.2	Provide and erect fence gate made of two leafs of steel angle 3", 3m wide for the mini water yard as shown in the drawings.	No	1		
7.3	Provide and erect fence gate made of two leafs of steel angle 3", 2.5m wide for the solar system area as shown in the drawings.	No	1		
7	Provide and erect fence gate made of steel angle 3", 1m wide for the distribution point area as shown in the drawings.	No	1		
8	Signboard:				
8.1	Supply and install steel project sign board of IRC and USIAD logos, writing and drawing as per drawings, specifications and the directions of the IRC Engineer.	pcs	1		
9	Building capacity for Water Yard operators				
9.1	Conduct on site training of operating and maintenance on the new system for the WMC members	Job	1		
9.2	Demobilization of equipment and personnel from the site, including cleaning the site of debris and reinstating it to its original condition while leveling the ground.	Job	1		
Total in USD					

Lot B: Installation of Submersible Pump at North Damazine Area DMZ Locality, Blue Nile

Item	Description	Unit	Quantity	Unit Rate USD	Total amount USD
1	Provision and installation of Submersible pump				
1.1	Supply and installation of a 2-inch, European-made submersible pump with Q = 8 m ³ /h and H= 70 m, with the installation of electrical motor 4 kW (5.5 hp) single-Phase. توريد وتركيب طلمبة غاطسة 2 بوصة، أوربية الصنع بإنتاجية 8 متر مكعب/ساعة وضغط راسي 70 متر، مع تركيب موتور 4 كيلو واط (5.5 حصان) 3 خط.	Unit	1		
1.2	Supply and installation of a 2-inch, European-made submersible pump with Q = 12 m ³ /h and H= 70 m, with the installation of electrical motor 4 kW (5.5 hp) single-Phase. توريد وتركيب طلمبة غاطسة 2 بوصة، أوربية الصنع بإنتاجية 12 متر مكعب/ساعة وضغط راسي 70 متر، مع تركيب موتور 4 كيلو واط (5.5 حصان) 3 خط.	Unit	1		
1.3	Supply and installation of electrical control box 4 kW (5.5 hp). توريد وتركيب طبلون كامل الحماية 4 كيلو واط (5.5 حصان).	No	2		
1.4	Supply and installation of 6 mm electrical cable - flat. توريد وتركيب كابل 6 مم - ماركة جود فلات.	ML	100		
2	Transmission Pipeline				
2.1	Supply and installation of 2-inch ASTM pipes, 3 meters long, with all accessories - according to the instruction of the Water corporation - BN. توريد وتركيب مواسير 2 بوصة ASTM بطول 3 متر بكامل ملحقاتها - حسب توجيهات هيئة مياه الشرب.	No	15		
3	Signboard:				
3.1	Supply and install steel project sign board of IRC and USIAD logos, writing and drawing as per drawings, specifications and the directions of the IRC Engineer. توريد وتركيب لوحة من الحديد تحمل شعار المنظمة وشعار الجهة المانحة، وفقا للرسومات الهندسية وحسب توجيهات المهندس المشرف من منظمة لجنة الإنقاذ الدولية.	pcs	1		
4	Building capacity for Water Yard operators				

4.1	Conduct training of operating and maintenance of water yard for water yard selected operators.	Job	1		
	إجراء دورة تدريبية على تشغيل وصيانة محطات المياه لمشغلي محطات المياه المختارين.				
Total in USD					

Lot C: Rehabilitation of Mini Water Yard in Al Garri 2 WS - ArRusaires Locality, Blue Nile State

Item	Description	Unit	Quantity	Unit Rate USD	Total amount USD
1	Site Preparation				
1.1	Mobilization: This item include physical mobilization of the equipment, construction materials & manpower.	Job	1		
2	Provision and installation of Solar system & Submersible pump				
2.1	Supply and install complete Submersible pump system including controller with DataModule, motor and pump 1.6 Kw including all necessary accessories and electrical standard cables, wries and connection to control panel. The price is inclusive of removing existing submersible water pump and inspection the well casing and filters status.	Unit	1		
2.3	Motor cable 48 m 10 mm ² 3-phase cable for power and 1-phase cable for ground	ML	50		
2.4	GI pipes (Delivery pipe): Supply and install Galvanize pipe 1.5 inches Dim, 3 meters length with connection fittings.	No	13		
2.5	Supply and installation of Solar Panels to cover the load of 1.2 KW submersible pump. 6 pc of solar panle. 1,600 Wp; 4 x 2 modules	PC	8		

2.6	Steel stands for the solar panels: Provision of materials and fabrication of strong steel stand structure with Angel shape steel 2"x2" with 2 mm tickness including anti rust, three coats of oil paint to hold 6 solar panels. Plain Concrete for the foundation holes with (40*40*50cm), including labor cost.	Job	1		
2.7	Supply and installation of DC-AC Inverter for 1.6 KW submersible Pump, with all accessories.	No	1		
3	Rehabilitation of Existing Elevated Water Tank (13500 L)				
3.1	Provision of materials and painting of the existing steel water tank with antirust and final oil painting, two coats of paint at site for finishing good work. The price is inclusive of any welding materials, repair of all necessary fittings, all according to technical specifications attached and the directions of the IRC Engineer.	pcs	1		
3.2	Provision of materials and painting of the existing steel tower with antirust and final oil painting, two coats of paint at site for finishing good work. The price is inclusive of any welding materials, repair of all necessary fittings and plain concrete platform for base of the foundation, mix (1:3:6) in the area enclosed by great-beam, as per specifications and the directions of the IRC Engineer.	Job	1		
4	New Construction of Elevated Water Tank & Tower				
4.1	Supply & erect 10000 L capacity, plastic cylindrical storage water tank (Tiga), mounted on a 3.0-meters hieght steel tower, all according to <u>technical specifications, drawing attached</u> and the directions of the IRC Engineer.	pcs	1		
5	Distribution System (Pipe Works)				
5.1	Supply and fix new 2.0" GI pipes from the well to the elevated water tank including all necessary fittings. The price is inclusive of removing existing pipeline.	ml	20		
5.2	Supply and fix 3" pipes from the elevated water tank to distribution point including all necessary fittings. The price is inclusive of removing existing pipeline.	ml	35		
5.3	Supply and install 2" non-return valve at the water tank inlet including all necessary fittings.	No	2		
5.4	Supply and install 3" valve at the elevated water tank outlet pipes including all necessary fittings.	No	2		
6	Water Disrubuation Points				

6.1	Disrubuaion Point: Construct of water distribution point 3m length × 1.2 m hieght from red bricks and cement martor, plus cement plastering 4 sides mix (1:6) . The price is inclusive of (3") GL pipe with 10 water taps 3/4". the foundation should be from plain concrete 10cm and the top should be RC ϕ 12mm @ 20cm mech 12cm thickness. The price is inclusive of removing the existing Disrubuaion Point and cart away from the site. All the works should be complete according to specifications, design and the directions of the IRC Engineer.	LS	1		
6.2	Construct a collection channel and water storage pit at the end of drainage channel of distribution point away from the MWY (10m at least) for animal to drink the water, by 1.5*1.5*0.5 m depth, by one brick wall with mortar cement 1:8 plus plaster inside wall 1:6 , add 10 cm concrate in the bottom ,Include labors and materials (cement,bricks,water, sand)	LS	1		
6.3	Cart Filling Stand: Supply and fix cart filling stand including 2" GL stand pipe & 2.5 m hieght, 2" valve, 2" plastic hose of 2 m length, fixing the stand pipe with plain concrete. The price is inclusive supply and fix 2" Gl pipe line for the cart filling stand , all according to drawings, specifications and the directions of the Engineer.	LS	1		
7	Maintenance of Existing Generator Room				
7.1	The work includes: (i) Remove any damage Zink sheet and replace it with the new one, the price should include any additional works and labor cost. (ii) any repare or wellding work required for the room. (iii) Supply construction materials (Cement, Sand, Gravel,...etc) and rehabilitate any cracks or damage for the concrete fillour of the room. (iv) Provision of materials and painting of the external and internal Zink sheet of the room including the metal door with antirust and final oil painting, two coats of paint at site for finishing good work, (coulor, Yellow & Black). All according to specifications and the directions of the IRC Engineer. The price is inclusive the labor cost or any additional works.	Job	1		
8	Fence & Gate				

8.1	Provision of materials and installation of fence for the mini water yard, with gabion wire (class A), 20 × 20 × 2.0 m above ground level , 50 cm under the ground. 2" circular steel pipes of 2mm thickness painted with silver color paint, spaced at 2.5 m distances with 2 mm galvanized wire (at top, bottom and the middle), the 2 inch steel pipes (posts) will be erected in a 40 * 40 * 50 cm plain concrete base as shown in the drawings. Fence corners should be supported with 2-inch strainer-angled iron. The price is inclusive of removing any existing fence.	ml	100		
8.2	Provide and erect fence gate made of two leafs of steel angle 3 ", 3m wide for the mini water yard as shown in the drawings.	No	1		
8.3	Provide and erect fence gate made of two leafs of steel angle 3 ", 2.5m wide for the solar system area as shown in the drawings.	No	1		
8.4	Provide and erect fence gate made of steel angle 3 ", 1m wide for the distribution point area as shown in the drawings.	No	1		
9	Signboard:				
9.1	Supply and install steel project sign board of IRC and USIAD logos, writing and drawing as per drawings, specifications and the directions of the Engineer.	pcs	1		
10	Building capacity for Water Yard operators				
10.1	Conduct on site training of operating and maintenance on the new system for the WMC members	Job	1		
10.2	Demobilization of equipment and personnel from the site, including cleaning the site of debris and reinstating it to its original condition while leveling the ground.	Job	1		
Total in USD					

Lot D: Block 50 Rehabilitation of Borehole & Elevated Water Tank DMZ Locality, Blue Nile

Item	Description	Unit	Quantity	Unit Rate USD	Total amount USD
1	Provision and installation of Submersible Motor:				
1.1	Supply and installation of a 2-inch, European-made submersible electrical motor 5.5 kW (7.5 hp) 3-Phase. توريد وتركيب موتور كهربائي غاطس 2 بوصة، أوربي الصنع، بطاقة كهربائية 5.5 كيلو واط (7.5 حصان) 3 خط.	No	1		
1.2	Provision and installation of electrical inverter for the solar system, with all accessories . 5.5 kW (7.5 hp)3-Phase. توريد وتركيب محول كهربائي لتحويل الطاقة الشمسية من DC الي AC، بطاقة كهربائية 5.5 كيلو واط (7.5 حصان) 3 خط.	Item	1		
1.3	Supply and installation of electrical control box 5.5 kW (7.5 hp). توريد وتركيب طبلون كامل الحماية 5.5 كيلو واط (7.5 حصان).	No	1		
1.4	Supply and installation of 6 mm electrical cable - flat. توريد وتركيب كابل 6 مم - ماركة جود فلات.	ML	60		
2	Control Room:				
2.1	Supply and construct of steel control room, Size of 4.00 m X 3.00 m X 3.00 m height at the front side and 2.80 m height at the back side. The Room frame by the square pipes size 8cm x 4 cm and should be completed with zinc sheets (0.35 thickness) for the roof and sides. Two sides (N/S) should be furnished with a window of size 1.2 m X 1.2 m made with expanded metal and zinc sheets with one steel door of the size 1 m X 2 m and a concrete floor (1:2:4 mix) 10 cm thick, with supplying of selected soil for backfilling 10 cm thick, with good compaction. All according to drawings, specifications and the directions of the IRC Engineer & the instruction of the Water corporation - BN. The price is inclusive of removing existing control room.	Job	1		

	توريد مواد إنشاء غرفة تحكم وتشغيل من الزنك بسماكة 0.35، أبعاد الغرفة 4.00 م × 3.00 م × 3.00 م ارتفاع في الجانب الأمامي وارتفاع 2.80 م في الجانب الخلفي. هيكل الغرفة من المواسير المربعة مقاس 8 سم × 4 سم ويجب استكمالها بصفائح الزنك (سمك 0.35) للسقف والجوانب. يجب تزويد الجانبين الشمالي والجنوبي بنافذة مقاس 1.2 م × 1.2 م مصنوعة من نفس الحديد وصفائح الزنك مع باب واحد من الحديد والزنك أيضا مقاس 1 م × 2 م. عمل أرضية للغرفة من الخرسانة البيضاء (خلطة 1:2:4). سمك 10 سم مع توريد تربة مختارة لعمل ردميات لأرضية غرفة التحكم بسمك 10 سم مع أعمال الرش والدمك الجيد. كل ذلك حسب المخططات الهندسية والمواصفات وتوجيهات مهندس IRC وحسب توجيهات ومواصفات مياه الشرب - ولاية النيل الأزرق. السعر شامل إزالة غرفة التحكم والتشغيل الموجودة بالموقع سابقا.				
3	Rehabilitation of Solar System Area (Fence & Gate):				
3.1	Supply and install gabion wire (class A), and remove any damage wire around the fence of the solar system area. توريد وتركيب سلك من القابيون عيار A، مع إزالة السلك التالف حول سور منطقة الواح الطاقة الشمسية.	ml	20		
3.2	Provision of materials and painting of the existing steel pipes of the fence - with antirust and final oil painting, two coats of paint at site for finishing good work. توريد مواد وعمل طلاء ضد الصدأ لمواسير السور - ثلاث أوجه	Job	1		
3.3	Supply and install 10 mm steel bar (at top, bottom and the middle) of the fence and weld it on the circular steel pipes. توريد وتركيب سبيخ 10 مم مع أعمال اللحام على مواسير السور (تحت وفي الوسط وفوق).	ml	120		
3.4	Provide and erect fence gate made of steel angle 3", 1.2m wide 2m high for the solar system area. توريد وتركيب بوابة جديدة للسور من الحديد المربع 8*4 سم واكسبندا بسماكة 0.4 مم مع عمل طلاء بالبوهية الجيدة ضد الصدأ. عرض 1م * ارتفاع 2م.	No	1		
3.5	Provide and supply of selected soil for backfilling of the solar system area, 15 cm thick, with good compaction. (12*12*0.15m) توريد تربة مختارة لعمل ردميات لأرضية منطقة الطاقة الشمسية بسمك 15 سم مع أعمال الرش والدمك الجيد.	M3	22		
3.6	Cleaning the site from derbies and reinstatement to its original condition. أعمال نظافة الموقع بعد الانتهاء من أعمال الانشاء، وإعادة وضعة الطبيعي.	Job	1		
4	Elevated Water Tank:				
4.1	Maintenance of Storage Water Tank:				

4.1.1	Provision of materials and painting of the existing water tank (Steel cylindrical storage tank - capacity 45m3) Internal & External with antirust and final oil painting, two coats of paint at site for finishing good work. The price is inclusive of any welding materials, repair of all necessary fittings, as per specifications and the directions of the IRC Engineer & the instruction of the Water corporation - BN.	Job	1		
	توفير المواد وعمل طلاء لخزان المياه العالي (خزان أسطواني من الفولاذ - سعة 45 م3) مع طلاء زيتي مانع للصدأ من الداخل والخارج، ثلاث طبقات من الطلاء في الموقع لإنهاء العمل بشكل جيد. السعر يشمل أي مواد لحام، وإصلاح جميع التركيبات اللازمة، حسب المواصفات وتوجيهات مهندس IRC حسب توجيهات هيئة مياه الشرب ولاية النيل الأزرق.				
4.2	Maintenance of existing tower of elevated water tank:				
4.2.1	Provision of materials and painting of the existing steel tower 6m high with antirust and final oil painting, two coats of paint at site for finishing good work. The price is inclusive of any welding materials, repair of all necessary fittings, as per specifications and the directions of the IRC Engineer & the instruction of the Water corporation - BN.	Job	1		
	توفير المواد وعمل طلاء لبرج خزان المياه العالي الذي يبلغ ارتفاعه 6 أمتار مع طلاء زيتي مانع للصدأ، ثلاث طبقات من الطلاء في الموقع لإنهاء العمل بشكل جيد. السعر يشمل أي مواد لحام، وإصلاح جميع التركيبات اللازمة، وفقاً للمواصفات وتوجيهات مهندس IRC وحسب توجيهات هيئة مياه الشرب ولاية النيل الأزرق.				
4.2.2	Supply and install 3" control valve (Cast Iron) at the elevated water tank outlet/inlet pipes including all necessary fittings.	No	2		
	توريد وتركيب صمام تحكم مقاس 3 بوصات (من الحديد الزهر) عند مخرج/أنايب مدخل خزان المياه المرتفعة بما في ذلك جميع التركيبات اللازمة.				
5	Chlorine dosing pump:				
5.1	Supply and installation of chlorine dosing pump:				
	توريد وتركيب مضخة تجريب الكلور لمياه الشرب في موقع محطة المياه.				
5.1.1	Option (1): (Preferred if available) * Chlorine gas 220 mg/h (Regulator + Injector). * Chlorine gas cylinder 65 kg. * Accessories.	Unit	1		
5.1.2	Option (2): * Chlorine liquid dosing pump 5 - 6 liter/h. * Accessories.	Unit	1		
6	Signboard:				

6.1	Supply and install steel project sign board of IRC and USIAD logos, writing and drawing as per drawings, specifications and the directions of the IRC Engineer.	pcs	1		
	توريد وتركيب لوحة من الحديد تحمل شعار المنظمة وشعار الجهة المانحة، وفقا للرسومات الهندسية وحسب توجيهات المهندس المشرف من منظمة لجنة الإنقاذ الدولية.				
7	Building capacity for Water Yard operators				
7.1	Conduct training of operating and maintenance of water yard for water yard selected operatos.	Job	1		
	إجراء دورة تدريبية على تشغيل وصيانة محطات المياه لمشغلي محطات المياه المختارين.				
Total in USD					

Lot E: Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline
3" DMZ Locality, Blue Nile

Item	Description	Unit	Quantity	Unit Rate USD	Total amount USD
1	Provision and installation of Submersible pump				
1.1	Supply and installation of a 3-inch, European-made submersible pump with Q = 30 m3/h and H= 60 m, with the installation of electrical motor 7.5 kW (10 hp) 3-Phase.	Unit	1		
	توريد وتركيب طلمبة غاطسة 3 بوصة، أوربية الصنع بإنتاجية 30 متر مكعب/ساعة وضغط راسي 60 متر ، مع تركيب موتور 7.5 كيلو واط (10 حصان) 3 خط.				
1.2	Supply and installation of electrical control box 7.5 kW (10 hp).	No	1		
	توريد وتركيب طبلون كامل الحماية 7.5 كيلو واط (10 حصان).				
1.3	Supply and installation of 6 mm electrical cable - flat.	ML	50		
	توريد وتركيب كابل 6 مم - ماركة جود فلات.				
2	Transmission Pipeline				
2.1	Supply and installation of a 3-inch HDPE water transmission pipeline, 10 bar, including excavation, backfilling and welding works - according to the instriction of the Water coorporation - BN.	ML	220		
	توريد وتركيب خط ناقل للمياه 3 بوصة HDPE ، بار 10 شامل أعمال الحفر والردم واللحام - حسب توجيهات هيئة مياه الشرب.				

2.2	Supply and installation of a 3-inch water control valve with all its accessories, with the construction of a manhole made of red brick and cement with dimensions of 1.0*1.0*1.5 metres, including materials, labors cost - according to the instruction of the Water cooperation - BN.	Job	1		
	توريد وتركيب بلف تحكم 3 بوصة بكامل ملحقاته، مع تشييد مانهول من الطوب الأحمر والاسمنت بأبعاد 1.0*1.0*1.5 متر، شامل اعمال توريد المواد والبناء وتكلفة البناء - حسب توجيهات هيئة مياه الشرب.				
2.3	Supply and installation of Tee 3.0-inch HDPE, 10 bar, including cutting, welding and installation works on site - according to the instruction of the Water cooperation - BN.	Job	1		
	توريد وتركيب تي 3.0 بوصة HDPE ، بار 10 شامل أعمال القطع واللحام والتركيب في الموقع - حسب توجيهات هيئة مياه الشرب.				
2.4	Supply and installation of an adapter with dimensions of 6.0*6.0*3.0 inches, HDPE, 10 bar, including flanges and screws - according to the instruction of the Water cooperation - BN.	No	2		
	توريد وتركيب اداپتر بأبعاد 3.0*6.0*6.0 بوصة HDPE ، بار 10 شامل الفلنشات والمسامير - حسب توجيهات هيئة مياه الشرب.				
3	Control Room				
3.1	Rehabilitation of the operating room - according to the instruction of the Water cooperation - BN.	Job	1		
	صيانة غرفة التشغيل - حسب توجيهات هيئة مياه الشرب.				
4	Chlorine dosing pump				
4.1	Supply and installation of chlorine dosing pump:				
	توريد وتركيب مضخة تجريع الكلور لمياه الشرب في موقع محطة المياه.				
4.1.1	Option (1): (Preferred if available) * Chlorine gas 220 mg/h (Regulator + Injector). * Chlorine gas cylinder 65 kg. * Accessories.	Unit	1		
4.1.2	Option (2): * Chlorine liquid dosing pump 5 - 6 liter/h. * Accessories.	Unit	1		
5	Signboard:				
5.1	Supply and install steel project sign board of IRC and USIAD logos, writing and drawing as per drawings, specifications and the directions of the IRC Engineer.	pcs	1		

	توريد وتركيب لوحة من الحديد تحمل شعار المنظمة وشعار الجهة المانحة، وفقا للرسومات الهندسية وحسب توجيهات المهندس المشرف من منظمة لجنة الإنقاذ الدولية.				
6	Building capacity for Water Yard operators				
6.1	Conduct training of operating and maintenance of water yard for water yard selected operators.	Job	1		
	إجراء دورة تدريبية على تشغيل وصيانة محطات المياه لمشغلي محطات المياه المختارين.				
Total in USD					

ANNEX F: TECHNICAL DRAWINGS

Lot A: Rehabilitation of Mini Water Yard in Salble WS - Baw Locality, Blue Nile State



International Rescue Committee

BHA Project - GD049

Blue Nile State - Sudan



UPGRADE OF SALBL HAND PUMP TO MINI WATER YARD WITH SOLAR SYSTEM

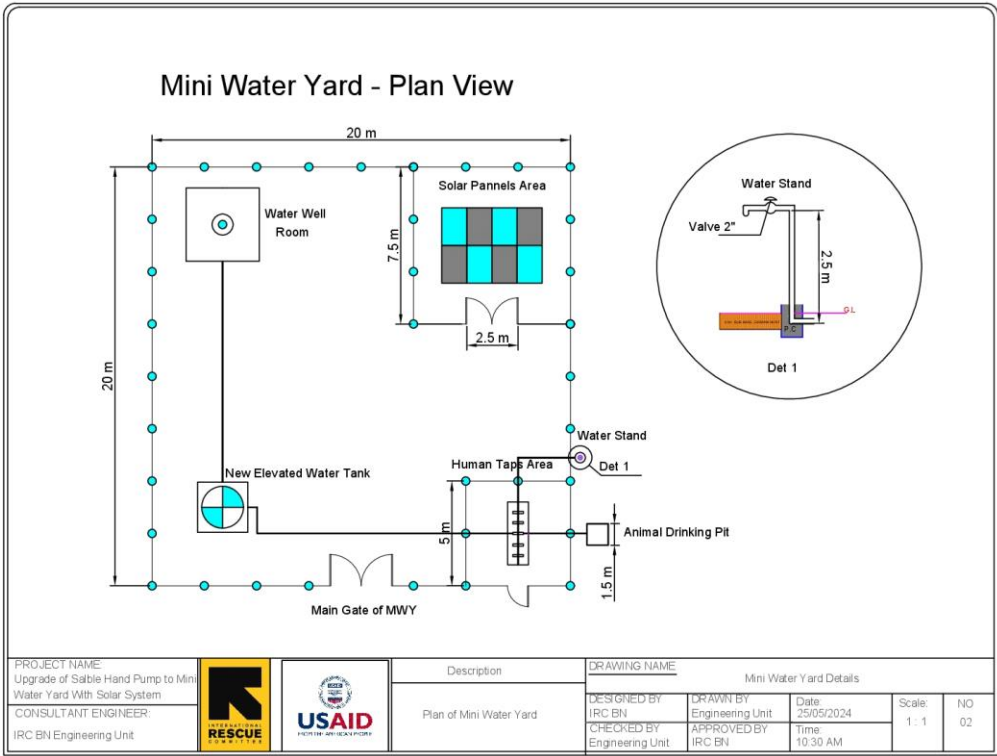
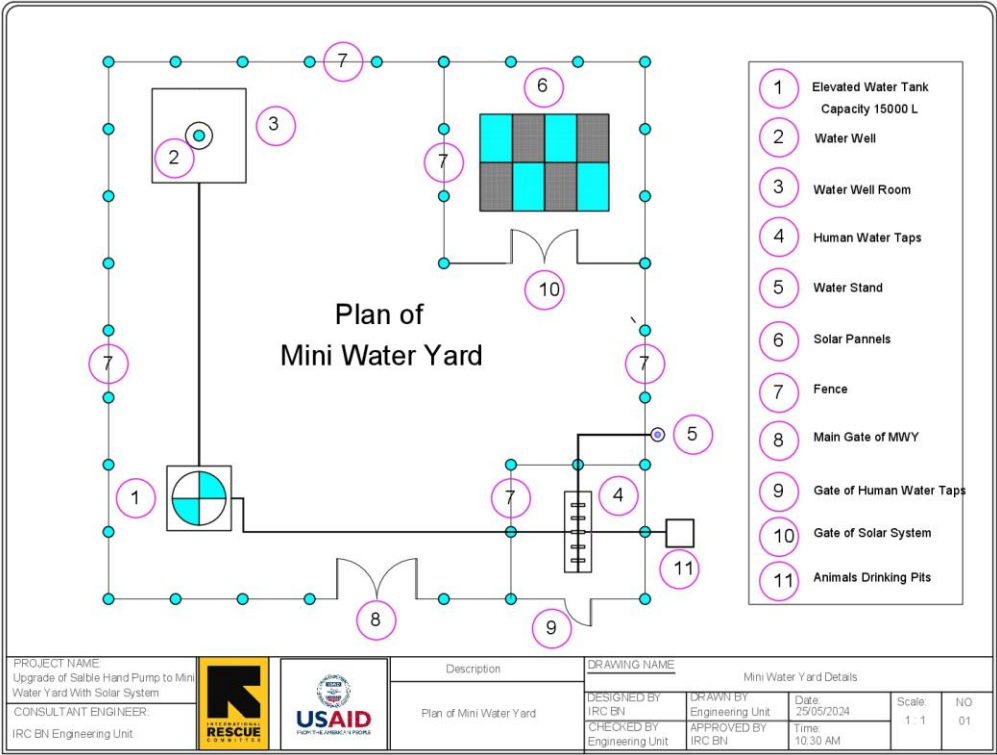
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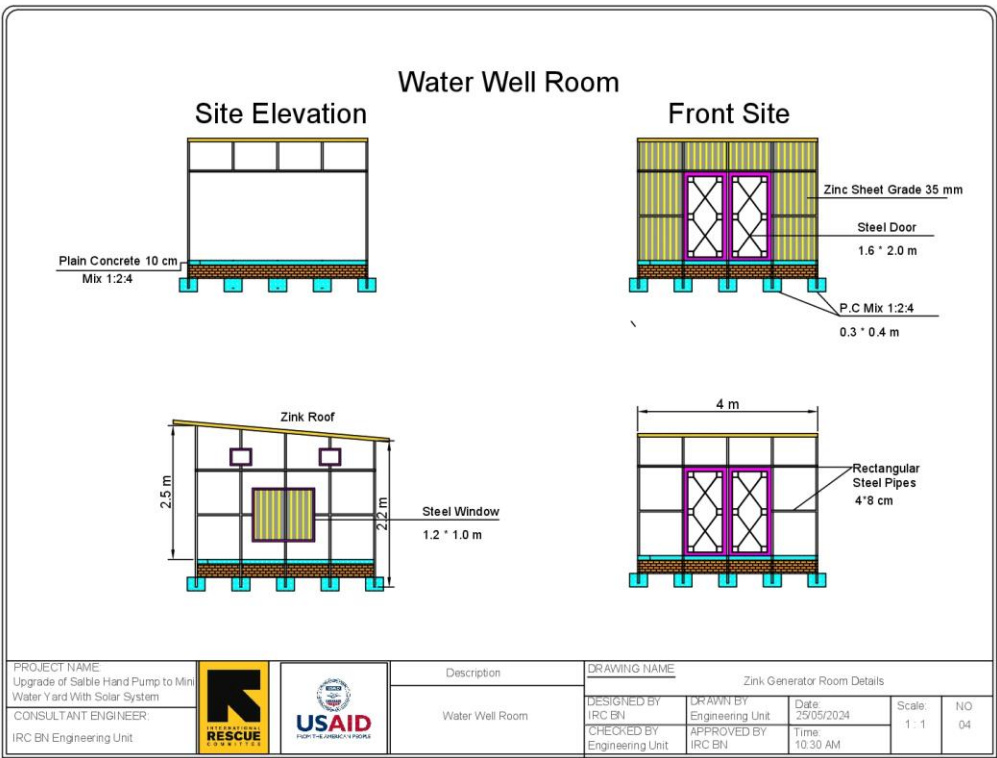
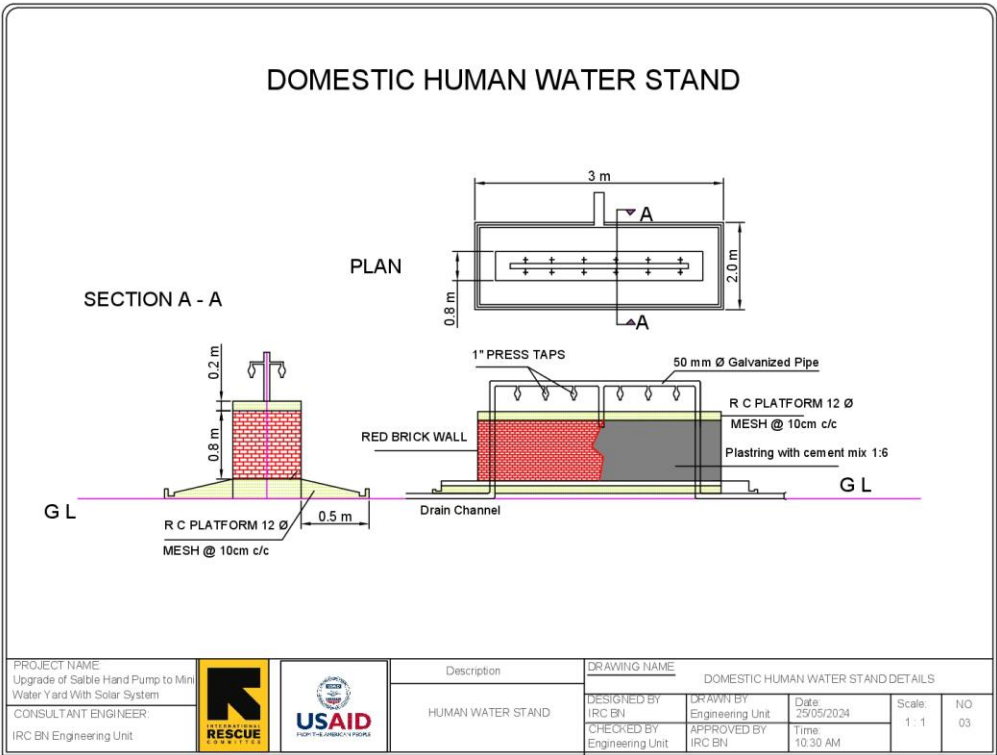
UPGRADING of SALBLE WATER SOURCES

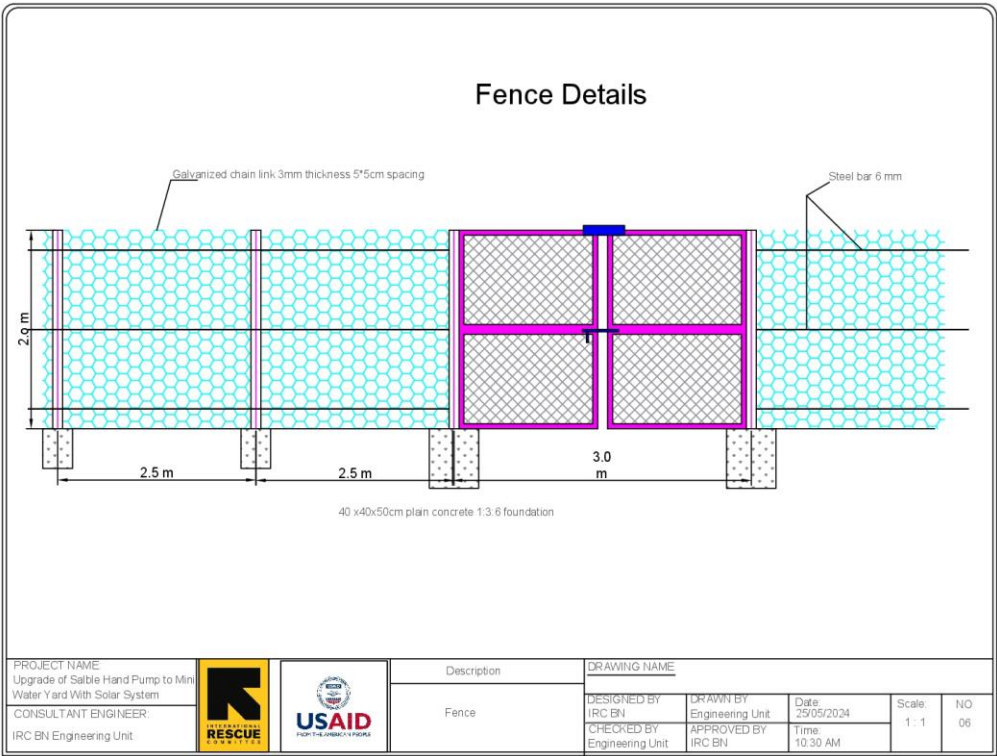
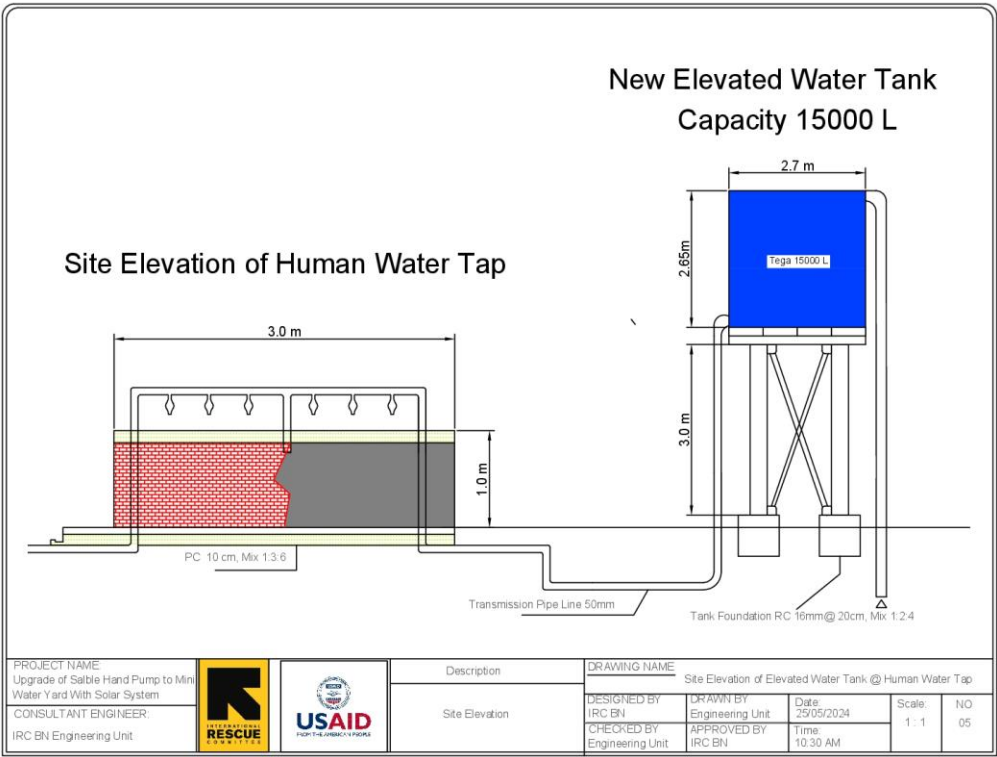
Drawn by

IRC BN Engineering Unit

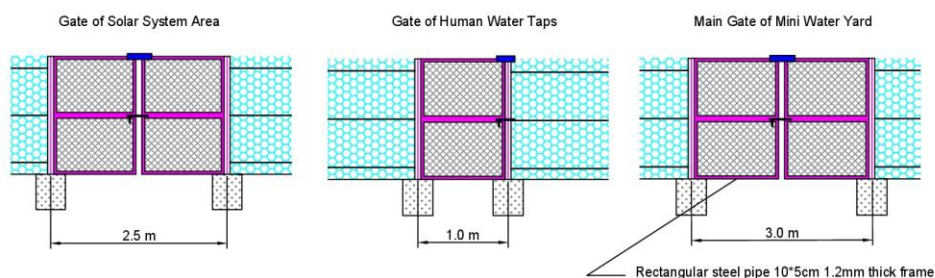
May 2024







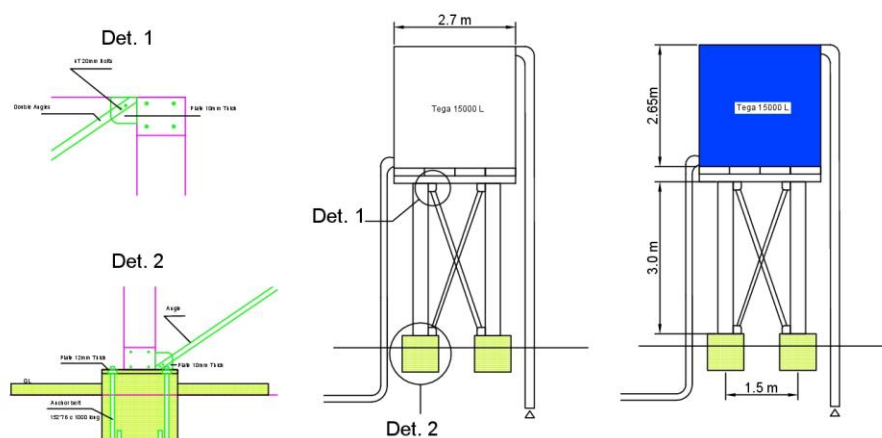
Gates of Mini Water Yard - Details



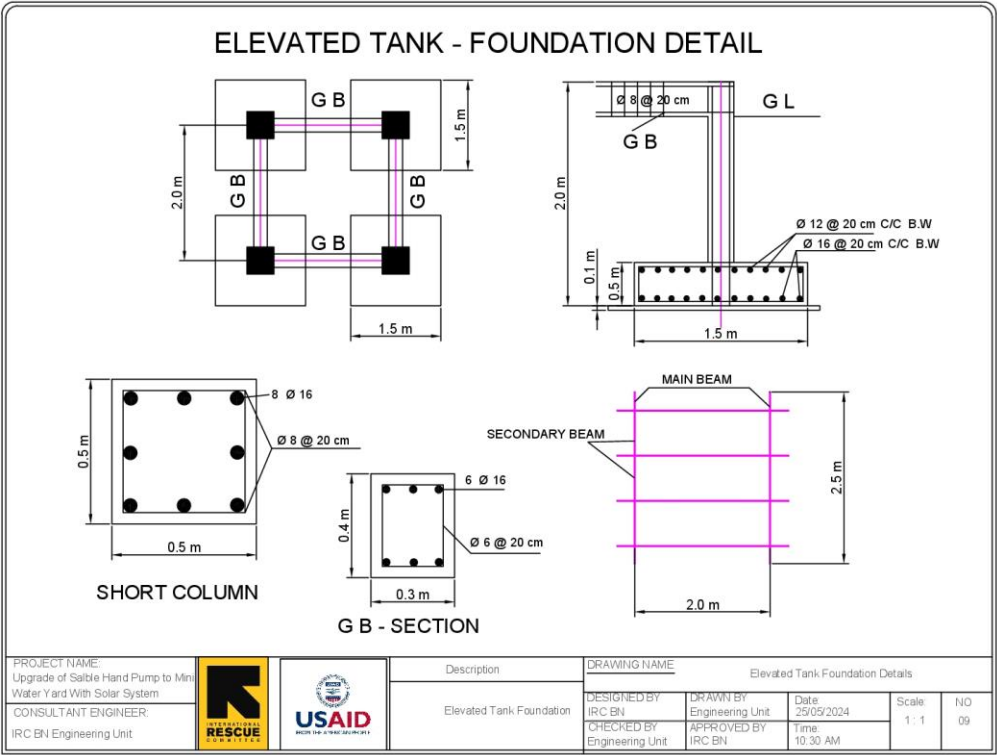
50 x50x60 cm plain concrete 1:3:6 foundation

PROJECT NAME Upgrade of Sabie Hand Pump to Mini Water Yard With Solar System				Description Gates of Mini Water Yard	DRAWING NAME Gates of Mini Water Yard - Details				
CONSULTANT ENGINEER IRC BN Engineering Unit					DESIGNED BY IRC BN	DRAWN BY Engineering Unit	Date 25/05/2024	Scale 1:1	NO 07
					CHECKED BY Engineering Unit	APPROVED BY IRC BN	Time 10:30 AM		

Elevated Water Tank Capacity 15000 Liters



PROJECT NAME: Upgrade of Sable Hand Pump to Mini Water Yard With Solar System			Description Elevated Water Tank	DRAWING NAME Elevated Water Tank				
CONSULTANT ENGINEER: IRC BN Engineering Unit				DESIGNED BY IRC BN	DRAWN BY Engineering Unit	Date 25/05/2024	Scale 1:1	NO 08
CHECKED BY Engineering Unit				APPROVED BY IRC BN	Time 10:30 AM			



Lot B: Installation of Submercible Pump at North Damazine Area_DMZ Locality, Blue Nile State



International Rescue Committee

BHA Project - GD049

Blue Nile State - Sudan



North Damazine Water Pumping Station_Rehabilitation of Boreholes

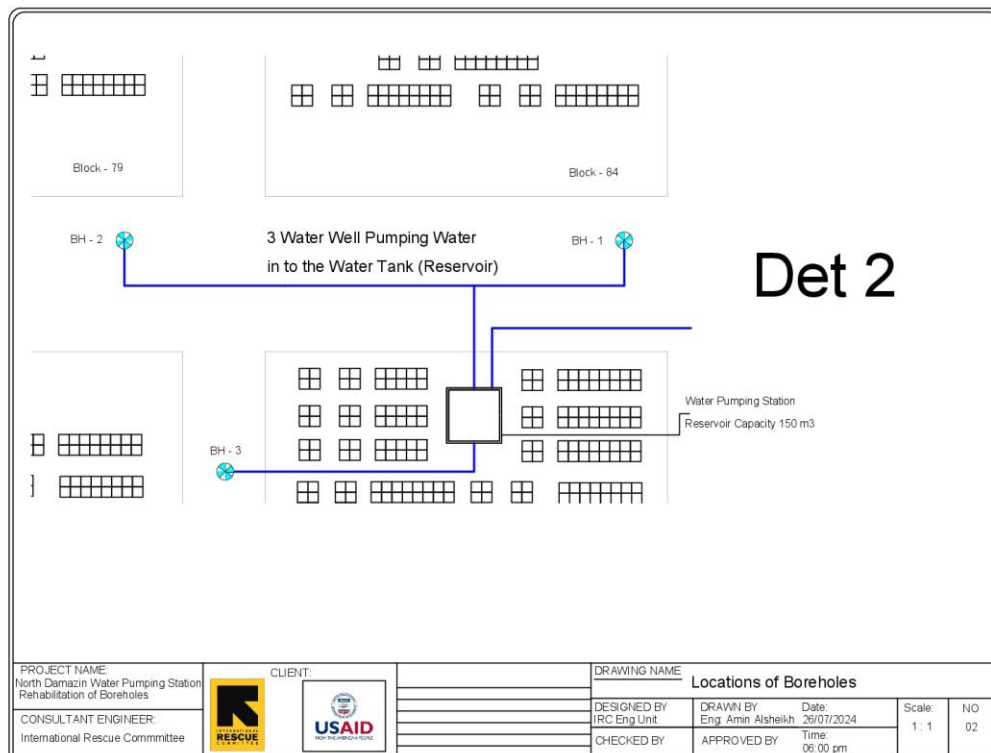
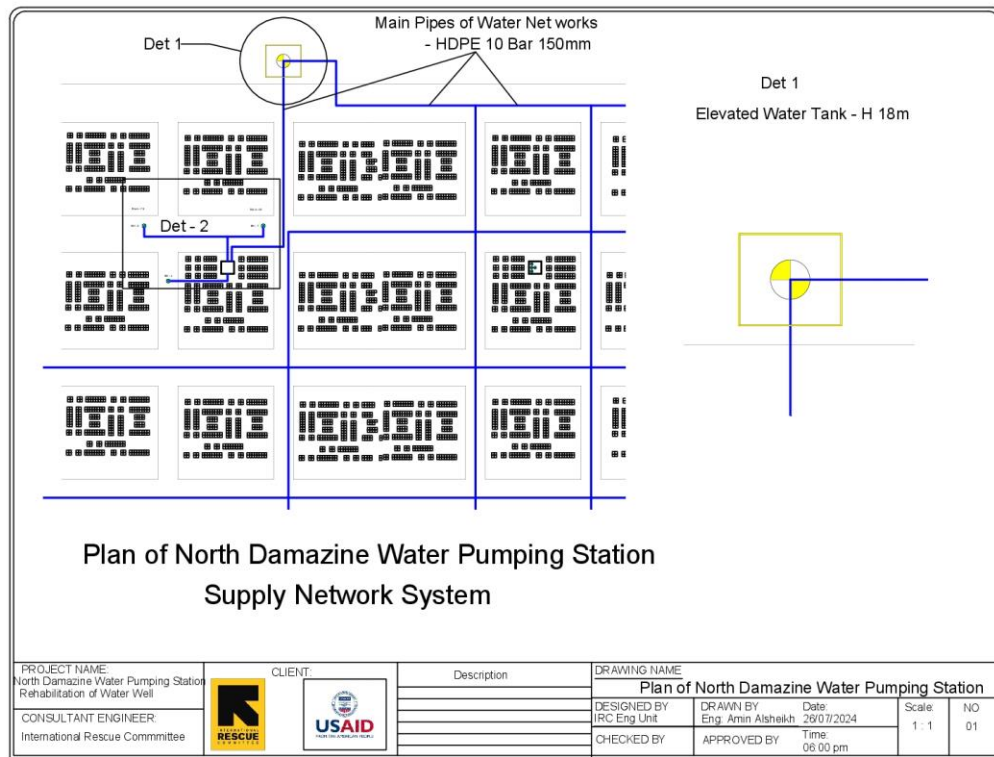
DRAWING ALBUM

Rehabilitation of Boreholes

Drawn by

IRC BN Engineering Unit

July 2024



Lot C: Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline
3" Damazine Locality



International Rescue Committee

BHA Project - GD049

Blue Nile State - Sudan



Dar Alslam Gogish _Rehabilitation of Borehole & Transmission Pipeline

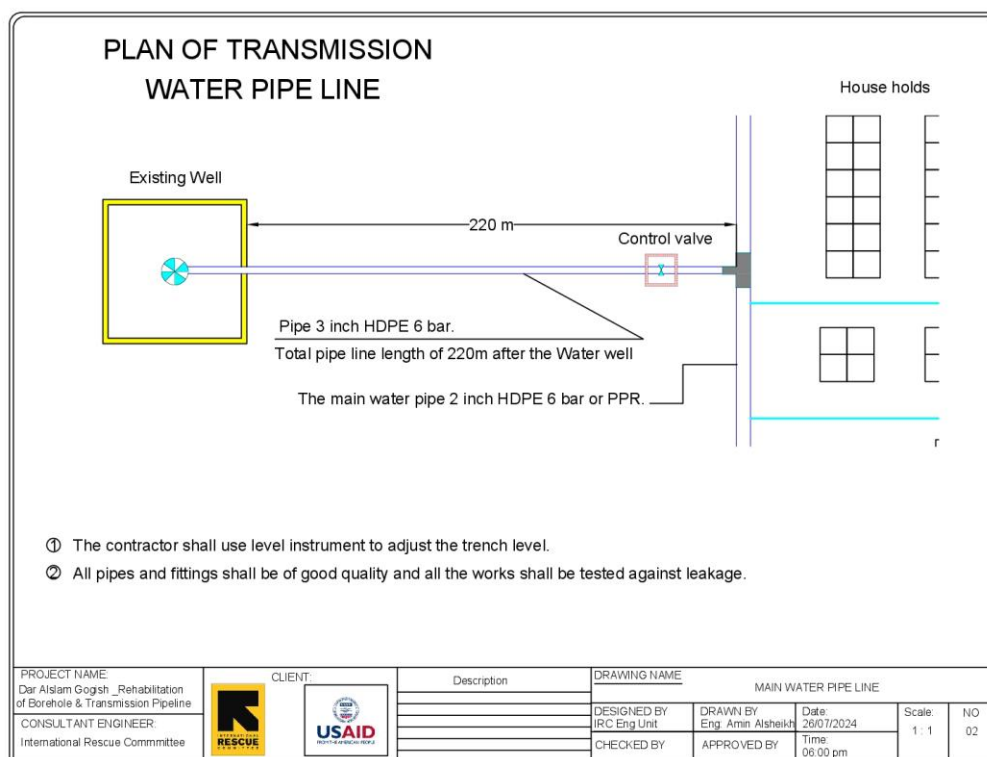
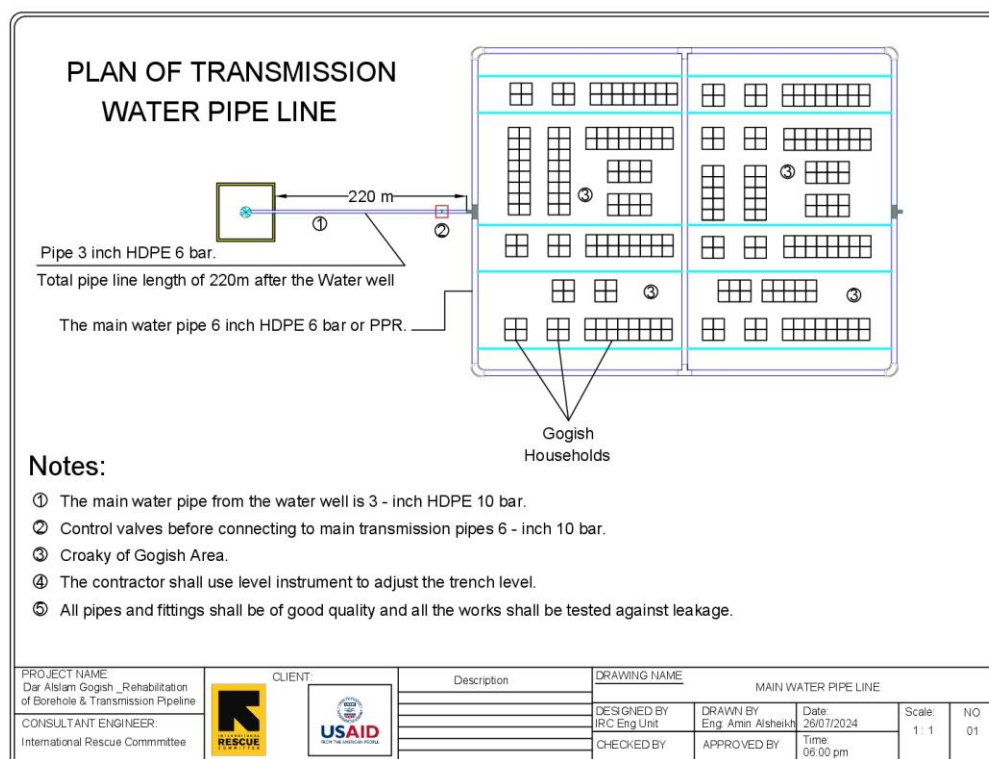
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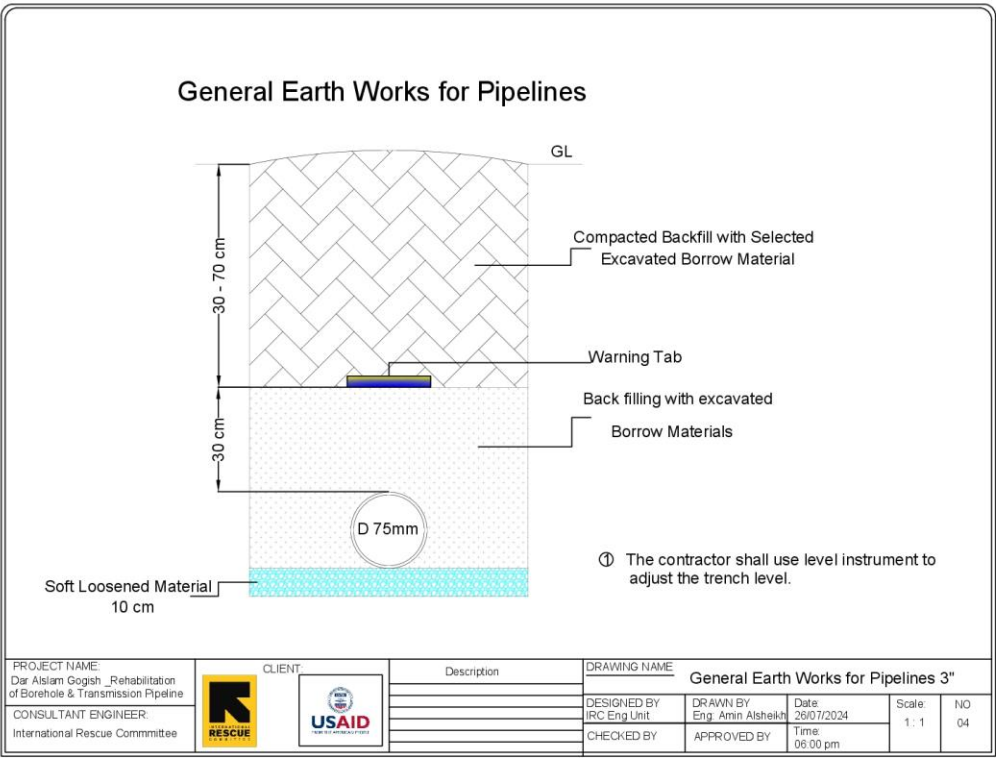
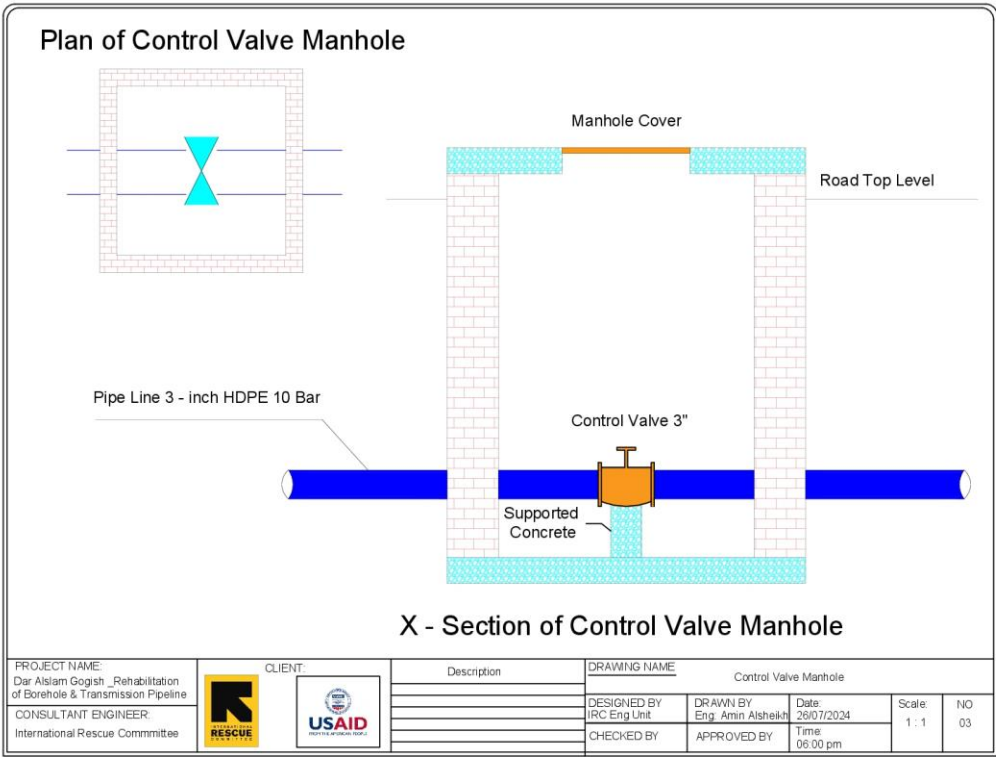
Rehabilitation of Borehole & Transmission Pipeline

Drawn by

IRC BN Engineering Unit

July 2024





**Lot D: Block 50 Rehabilitation of Borehole & Elevated Water Tank Damazine Locality,
Blue Nile**



International Rescue Committee
BHA Project - GD049
Blue Nile State - Sudan



Block 50 _Rehabilitation of Borehole & Elevated Water Tank

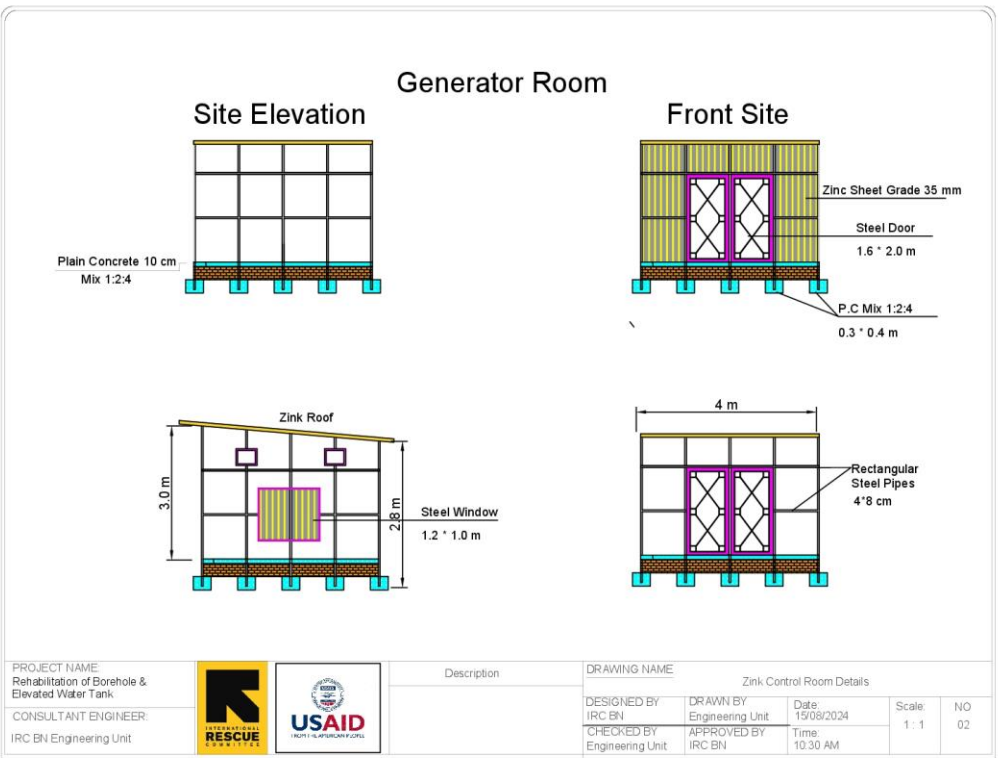
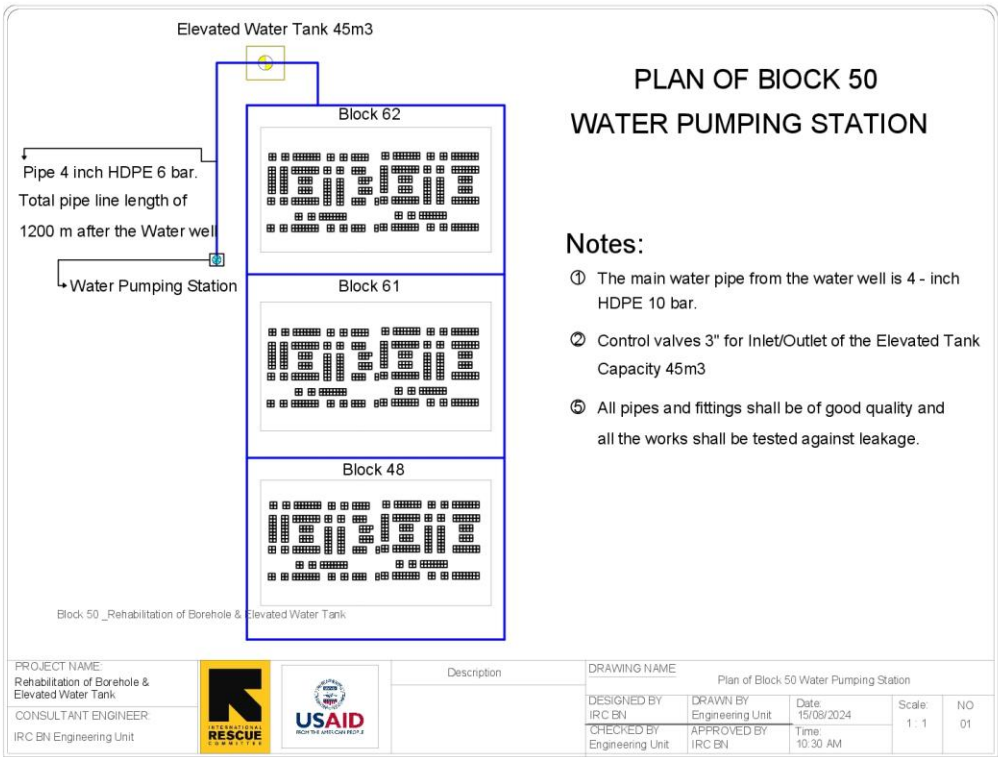
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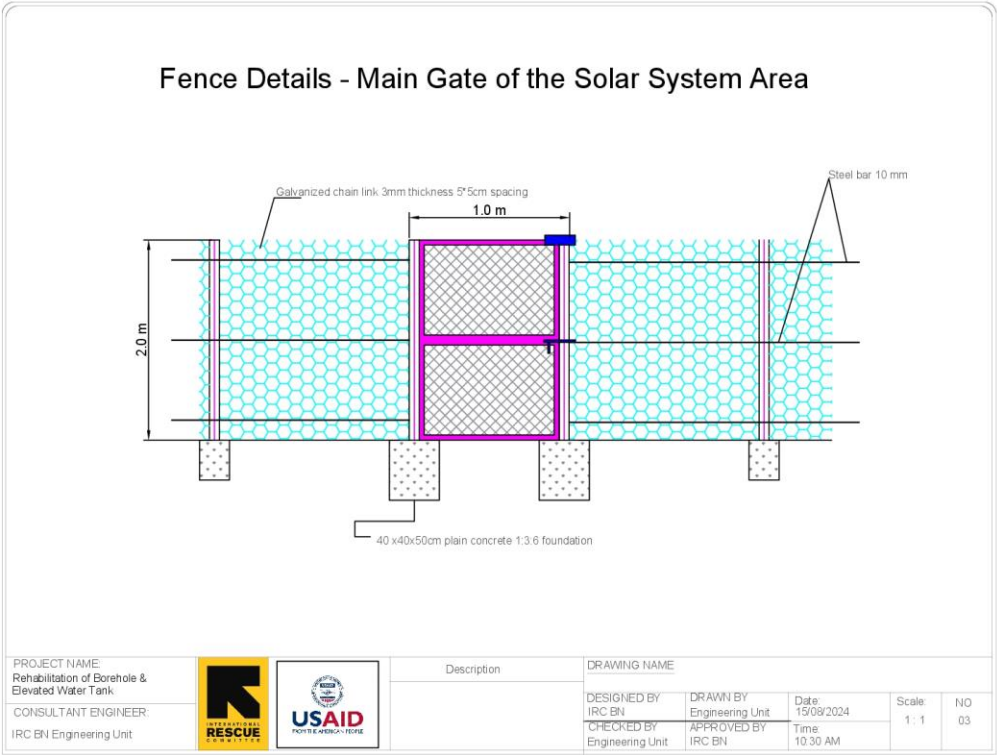
Borehole & Elevated Water Tank

Drawn by

IRC BN Engineering Unit

Aug 2024





**Lot E: Rehabilitation of Mini Water Yard in Al Garri 2 Water Source - Alrusaires
Locality, Blue Nile State**



International Rescue Committee
BHA Project - GD049
Blue Nile State - Sudan



REHABILITATION OF ALGARRI MINI WATER YARD WITH SOLAR SYSTEM

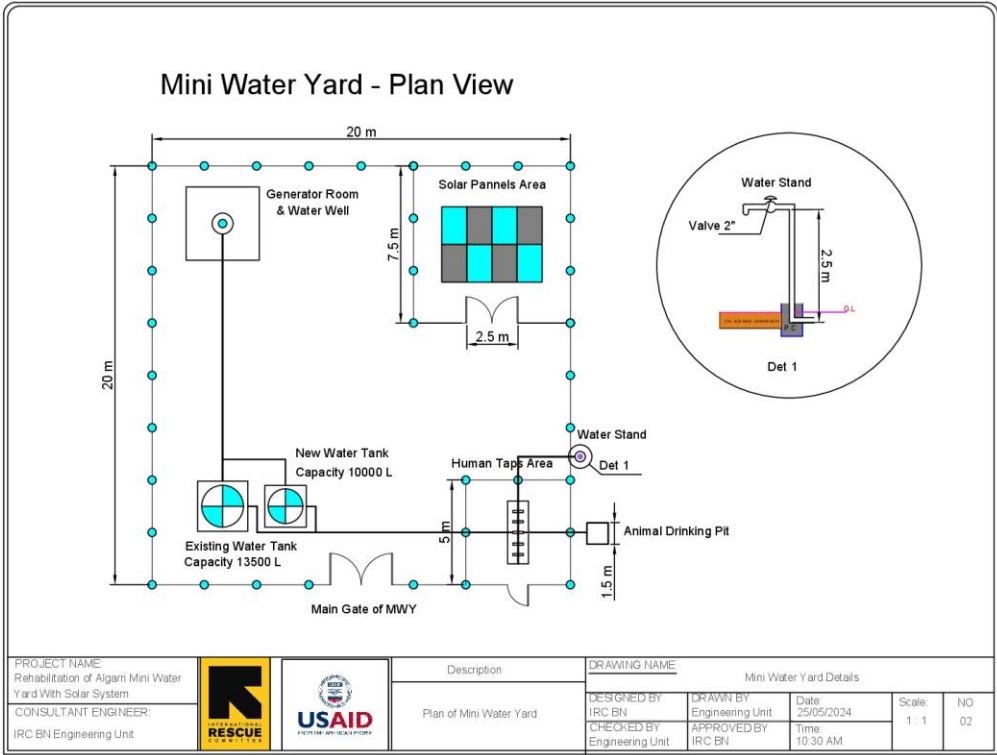
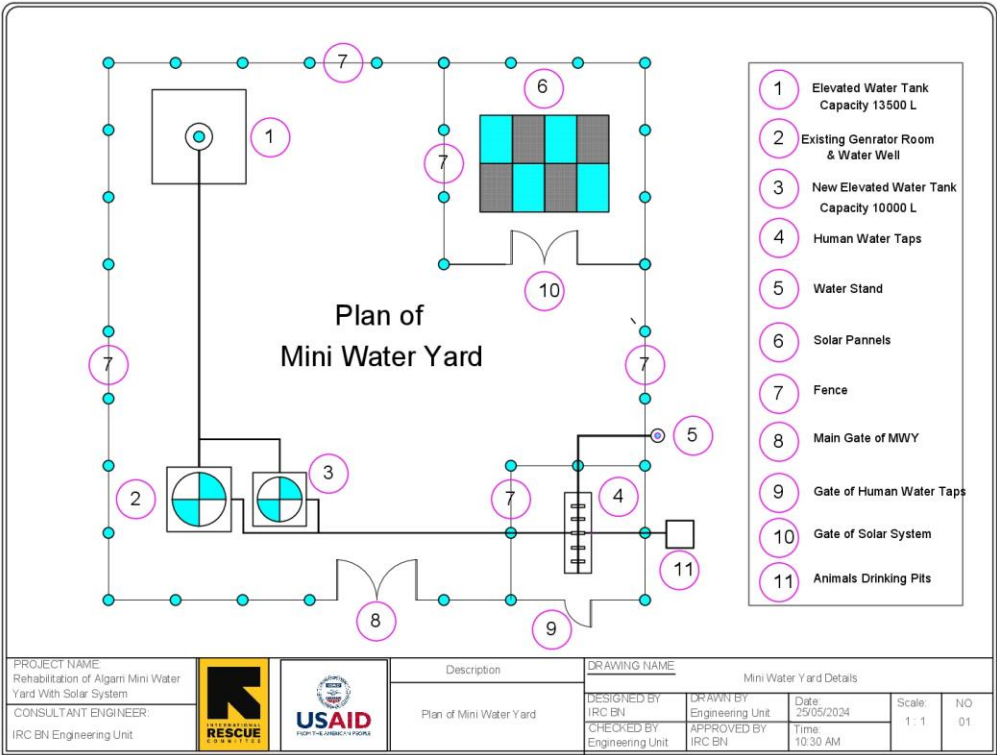
DRAWING ALBUM

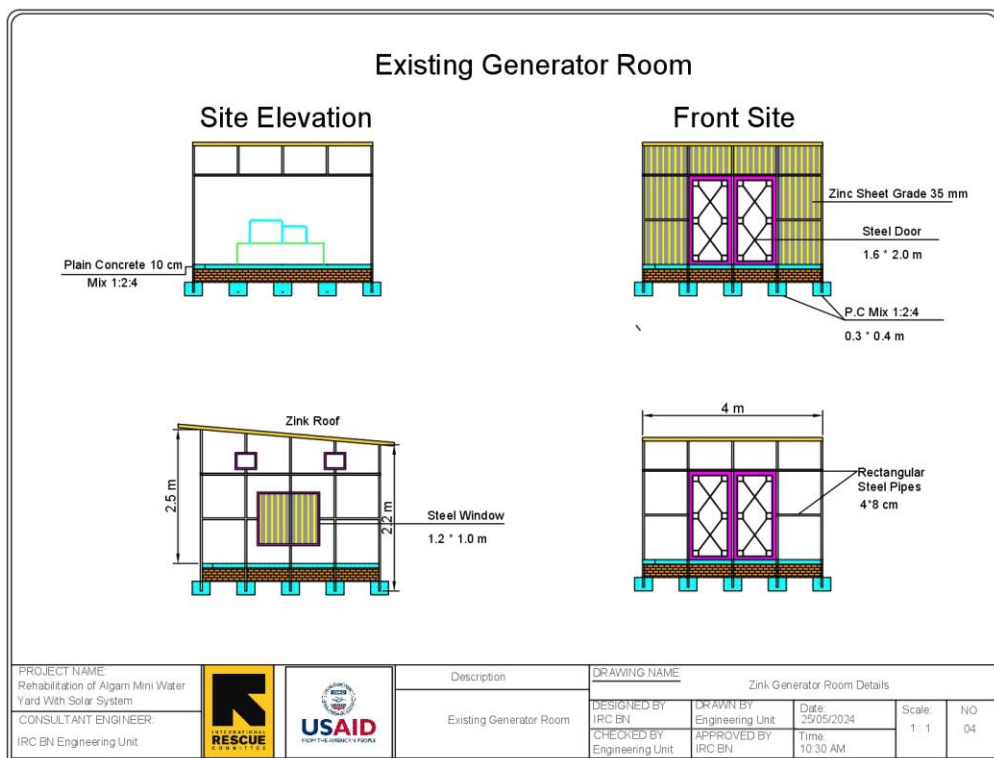
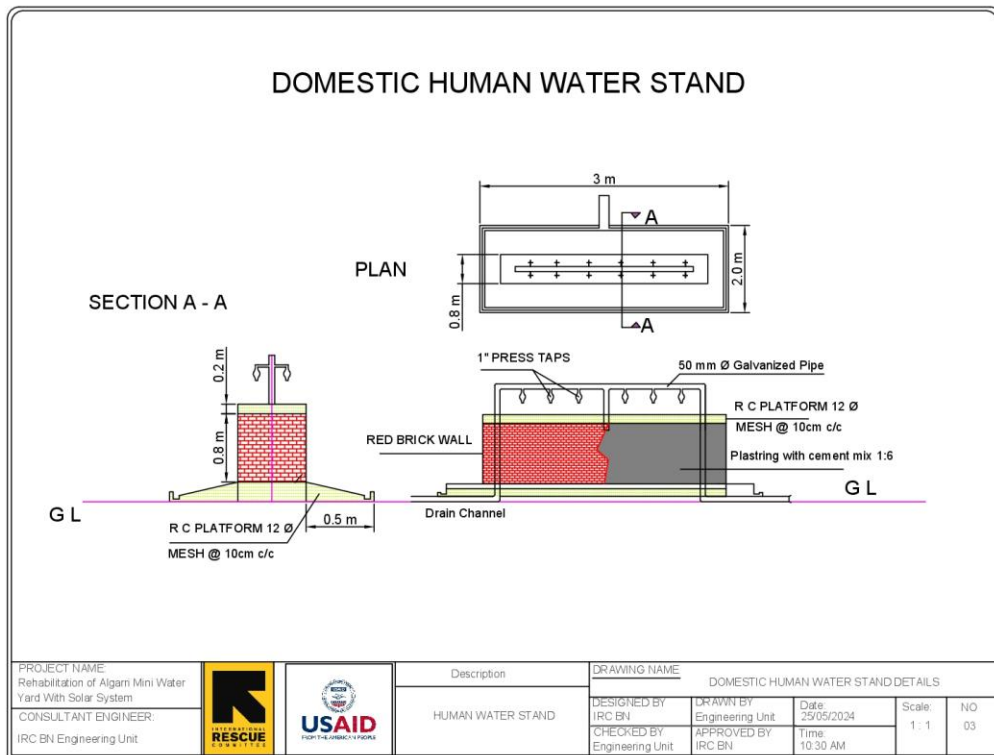
REHABILITATION OF ALGARRI WATER SOURCES

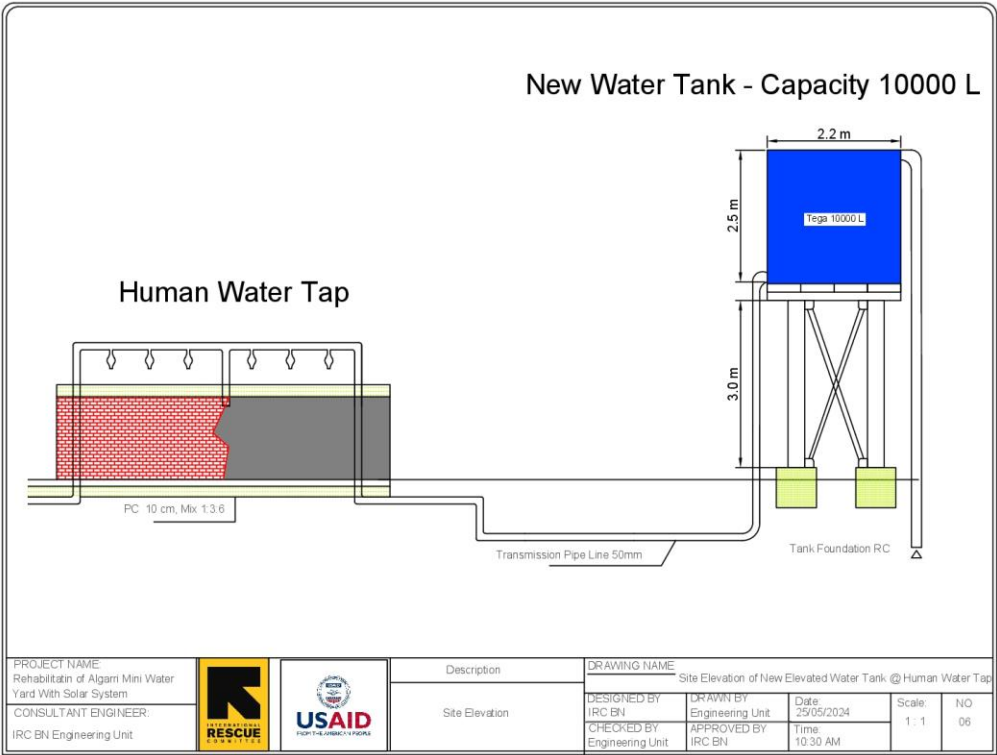
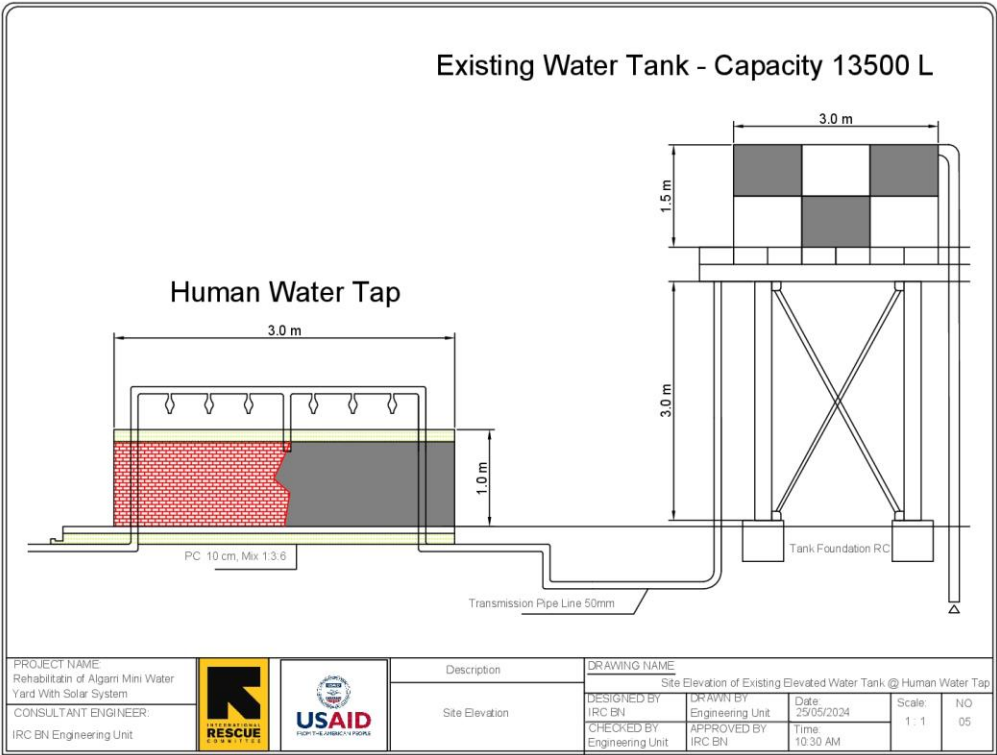
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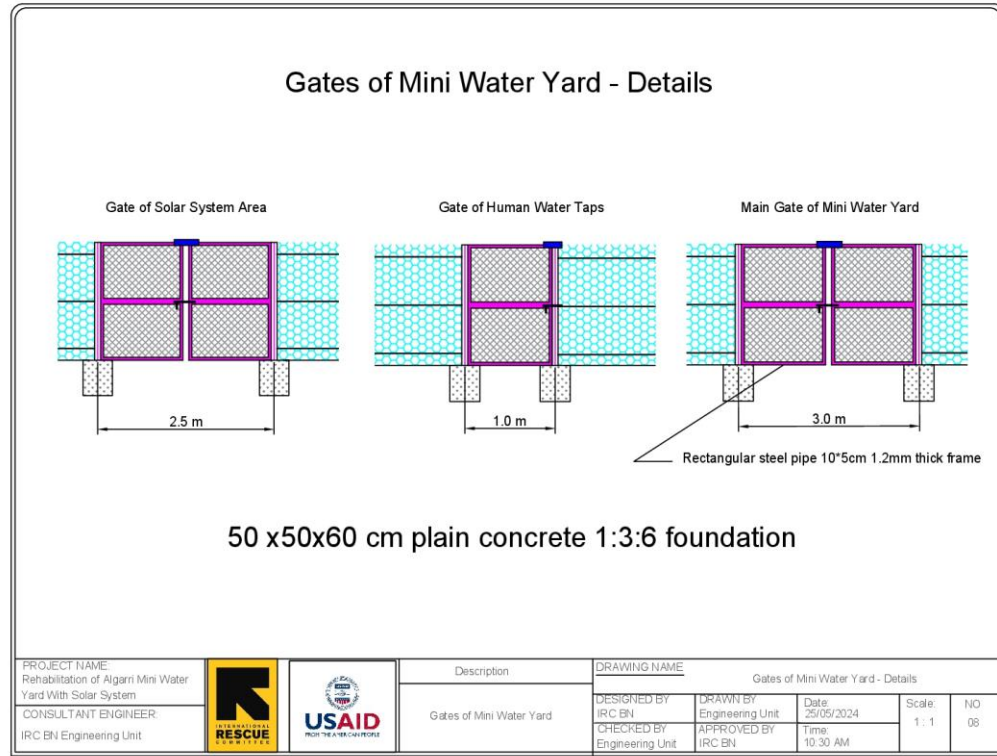
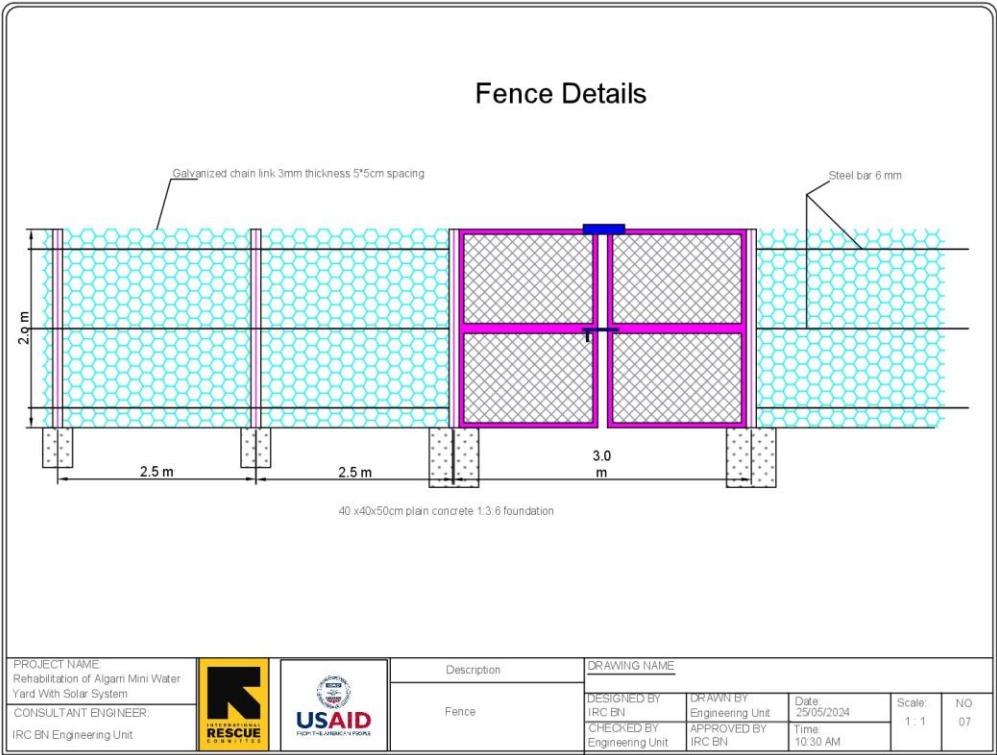
IRC BN Engineering Unit

May 2024









Annex G**Program of work/Schedule****Lot A: Rehabilitation of Mini Water Yard in Salble Water Source - Baw Locality, Blue Nile State**

Milestone	Description of Works	Progress Rate	Completion Timeline
Milestone 1	<ul style="list-style-type: none"> • Site Preparation • Provision and installation of Solar system & Submersible pump 	20%	
Milestone 2	<ul style="list-style-type: none"> • New Construction of Elevated Water Tank & Tower 	30%	
Milestone 3	<ul style="list-style-type: none"> • Distribution System (Pipe Works) • Water Distribution Points • Maintenance of Existing Generator Room • Fence & Gate 	30%	
Milestone 4	<ul style="list-style-type: none"> • Building capacity for Water Yard operators 	10%	
Milestone 5	<ul style="list-style-type: none"> • Retention period 	10%	

Lot B: Installation of Submercible Pump at North Damazine Area DMZ Locality, Blue Nile

Milestone	Description of Works	Progress Rate	Completion Timeline
Milestone 1	<ul style="list-style-type: none"> • Site Preparation 	20%	
Milestone 2	<ul style="list-style-type: none"> • Provision and installation of Submersible pump • Transmission Pipeline 	50%	
Milestone 3	<ul style="list-style-type: none"> • Building capacity for Water Yard operators 	20%	
Milestone 4	<ul style="list-style-type: none"> • Retention period 	10%	

**Lot C: Daralsalam Gogish Rehabilitation of Borehole & Transmission Pipeline
3" Damazine Locality**

Milestone	Description of Works	Progress Rate	Completion Timeline
Milestone 1	<ul style="list-style-type: none"> Site Preparation Provision and installation of Submersible pump 	20%	
Milestone 2	<ul style="list-style-type: none"> Transmission Pipeline Rehabilitation of Control Room Chlorine dosing pump 	50%	
Milestone 3	<ul style="list-style-type: none"> Building capacity for Water Yard operators 	20%	
Milestone 4	<ul style="list-style-type: none"> Retention period 	10%	

**Lot D: Block 50 Rehabilitation of Borehole & Elevated Water Tank Damazine Locality,
Blue Nile**

Milestone	Description of Works	Progress Rate	Completion Timeline
Milestone 1	<ul style="list-style-type: none"> Site Preparation Provision and installation of Submersible Motor 	10%	
Milestone 2	<ul style="list-style-type: none"> New Construction of Control Room Rehabilitation of Solar System Area (Fence & Gate) 	30%	
Milestone 3	<ul style="list-style-type: none"> Maintenance of Storage Water Tank Maintenance of existing tower of elevated water tank Chlorine dosing pump 	40%	
Milestone 4	<ul style="list-style-type: none"> Building capacity for Water Yard operators 	10%	
Milestone 5	<ul style="list-style-type: none"> Retention period 	10%	

LOT E: Rehabilitation of Mini Water Yard in Al Garri 2 Water Source - Alrusaires Locality, Blue Nile State

Milestone	Description of Works	Progress Rate	Completion Timeline
Milestone 1	<ul style="list-style-type: none"> • Site Preparation • Provision and installation of Solar system & Submersible pump 	20%	
Milestone 2	<ul style="list-style-type: none"> • Rehabilitation of Existing Elevated Water Tank (13500 L) • New Construction of Elevated Water Tank & Tower 	30%	
Milestone 3	<ul style="list-style-type: none"> • Distribution System (Pipe Works) • Water Distribution Points • Maintenance of Existing Generator Room • Fence & Gate 	30%	
Milestone 4	<ul style="list-style-type: none"> • Building capacity for Water Yard operators 	10%	
Milestone 5	<ul style="list-style-type: none"> • Retention period 	10%	