

Invitation to Tender (ITT) – NATIONAL TENDER - for Improving Water Supply in 6 Health Facilities (HFs)
Supported by GOAL In Kutum, Saraf Omrah and Umbaro Localities – North Darfur State

REF: ELF/AE1/14327/2023

GOAL is completely against fraud, bribery, and corruption.

GOAL does not ask for money for bids. If approached for money or other favours, of if you have any suspicions of attempted fraud, bribery or corruption please report immediately to email speakup@goal.ie

Please provide as much detail as possible with any reports

1 ABOUT GOAL

GOAL is an international nongovernmental organization working in Sudan with overall goal to working with communities to achieve sustainable and innovation early response in crisis and to assist to build lasting solutions to mitigate poverty and vulnerability. GOAL has been working in Sudan since 1985, towards ensuring the poorest and most vulnerable in Sudan and those affected by humanitarian crises have access to the fundamental rights of life, including but not limited to adequate shelter, food and livelihoods, water and sanitation, nutrition, healthcare, and education. GOAL implements a range of multi-sectoral development, resilience, recovery, and humanitarian responses programmes by being sensitive to cross-cutting issues including gender, accountably, child protection, HIV/AIDS.

Currently GOAL is looking to engage with qualified contractors to connect water supply system to 6 health facilities (2 in Saraf Omrah, 3 in Kutum and 1 in Umbaru) localities – North Darfur State according to the attached SOW, BOQs and drawings.

2 PROPOSED TIMELINES

Line	Item	Date
1	ITT published	23 rd March 2023
2	Closing date for receipt of clarifications	6 th April 2023 – 4 PM CAT (Central Africa Time)
3	Closing date and time for receipt of Tenders	13 th April 2023 – 4 PM CAT (Central Africa Time)
4	Tender Opening Location	GOAL Sudan Head office Khartoum
5	Tender Opening Date and time	17 th April 2023 - 10 AM CAT (Central Africa Time)

3 OVERVIEWS OF REQUIREMENTS

3.1 WORKS SPECIFICATION

GOAL Sudan, an International Humanitarian Organization, invites sealed bids from eligible bidders for the improvement of water supply in 6 facilities supported by GOAL in north Darfur (Birka Saira and Kalla HFs in Saraf Umra locality/ Garbia, Kutum & Fata Barno HFs in Kutum locality / Orshi HF in Umbaru locality) ND State.

3.2 THE WORKS BEING OFFERED MUST BE IN LINE WITH THE FOLLOWING REQUIREMENTS

Specifications and standards to be considered for the provision of materials & works to be undertaken for this project can be found in Scope of Works (SoW), and the Bill of Quantities (BoQs) annexed to this ITT document.

4 TERMS OF THE PROCUREMENT

4.1 PROCUREMENT PROCESS

This competition is being conducted under GOALs Procurement Level IV National Tender process. The Contracting Authority for this procurement is GOAL.

This procurement is funded by <u>European Union</u> and the tender and any contracts or agreements that may arise from it are bound by the regulations of this donor.

4.2 CLARIFICATIONS AND QUERY HANDLING

GOAL has taken care to be as clear as possible in the language and terms it has used in compiling this ITT. Where any ambiguity or confusion arises from the meaning or interpretation of any word or term used in this document or any other document relating to this tender, the meaning and interpretation attributed to that word or term by GOAL will be final. GOAL will not accept responsibility for any misunderstanding of this document or any others relating to this tender.

Requests for additional information or clarifications can be made up the deadline noted in section 2 above, and no later. Any queries about this ITT should be addressed in writing to GOAL via email at procurement.sudan@sd.goal.ie with the reference **G/S/ELF/AE1/14327/2023 Clarifications** in the email subject line and answers shall be collated and published online at https://www.goalglobal.org/tenders in a timely manner.

4.3 CONDITIONS OF TENDER SUBMISSION

- 4.3.1 Tenders must be completed in English.
- 4.3.2 Tenders must respond to all requirements set out in this ITT and complete their offer in the Response Format.
- 4.3.3 Failure to submit tenders in the required format will, in almost all circumstances, result in the rejection of the tender. Failure to resubmit a correctly formatted tender within 3 (three) working days of such a request will result in disqualification.
- 4.3.4 Tenderers must disclose all relevant information to ensure that all tenders are fairly and legally evaluated. Additionally, tenderers must provide details of any implications they know or believe their response will have on the successful operation of the contract or on the normal day-to-day operations with GOAL. Any attempt to withhold any information that the tenderer knows to be relevant or to mislead GOAL and/or its evaluation team in any way will result in the disqualification of the tender.
- 4.3.5 Tenders must detail all costs identified in this ITT. Additionally, tenders must detail any other costs whatsoever that could be incurred by GOAL in the usage of services and/or the availing of options that may not be explicitly identified/requested in this ITT. Tenderers' attention is drawn to the fact that, in the event of a Contract/ Framework Agreement being awarded to them, the attempted imposition of undeclared costs will be considered a condition for default.
- 4.3.6 Any conflicts of interest (including any family relations to GOAL staff) involving a tenderer must be fully disclosed to GOAL particularly where there is a conflict of interest in relation to any recommendations or proposals put forward by the tenderer.
- 4.3.7 GOAL will not be liable in respect of any costs incurred by respondents in the preparation and submission of tenders or any associated work effort.

- 4.3.8 GOAL will conduct this tender, including the evaluation of responses and final awards in accordance with the detail set out at in the Evaluation process. Tenders will be opened by at least three designated officers of GOAL.
- 4.3.9 GOAL is not bound to accept the lowest, or any tender submitted.
- 4.3.10 GOAL reserves the right to split the award of this contract between different bidders in any combination it deems appropriate, at its sole discretion.
- 4.3.11 The Supplier shall seek written approval from GOAL before entering into any sub-contracts for the purpose of fulfilling this contract. Full details of the proposed subcontracting company and the nature of their services shall be included in the written request for approval. Written requests for approval must be submitted to the contract focal point identified in section 1.
- 4.3.12 GOAL reserves the right to refuse any subcontractor that is proposed by the Supplier.
- 4.3.13 GOAL reserves the right to negotiate with the Supplier who has submitted the lowest Bid that fully meets the technical requirements, for the purpose of seeking revisions of such Bid to enhance its technical aspects and/or to reduce the price.
- 4.3.14 Information supplied by respondents will be treated as contractually binding. However, GOAL reserves the right to seek clarification or verification of any such information.
- 4.3.15 GOAL reserves the right to terminate this competition at any stage.
- 4.3.16 Unsuccessful tenderers will be notified.
- 4.3.17 GOAL's standard payment terms are by bank transfer within 30 days after satisfactory implementation and receipt of documents in order. Satisfactory implementation is decided solely by GOAL.
- 4.3.18 This document is not construed in any way as an offer to contract.
- 4.3.19 GOAL and all contracted suppliers must act in all its procurement and other activities in full compliance with donor requirements. Any contract(s) that arise from this ITT may be financed by multiple donors and those donors and/or their agents have rights of access to GOAL and/or any of its suppliers or contractors for audit purposes. These donors may also have additional regulations that it is not practical to list here. Submission of an offer under this ITT assumes Service Provider acceptance of these conditions.
- 4.3.20 **Terrorism and Sanctions**: GOAL does not engage in transactions with any terrorist group or individual or entity involved with or associated with terrorism or individuals or entities that have active exclusion orders and/or sanctions against them. GOAL shall therefore not knowingly purchase supplies or services from companies that are associated in any way with terrorism and/or are the subject of any relevant international exclusion orders and/or sanctions. If you submit a bid based on this request, it shall constitute a guarantee that neither your company nor any affiliate or a subsidiary controlled by your company are associated with any known terrorist group or is/are the subject of any relevant international exclusion order and/or sanctions. A contract clause confirming this may be included in an eventual purchase order based on this request.

4.4 QUALITY CONTROL

3rd party companies may be contracted by GOAL to carry out random quality inspections of work carried out by the contracted party. The cost of the quality control inspections will be covered by GOAL.

In cases of contractor's quality default, in addition to Liquidated Damages, section 21 of GOAL Standard Terms and Conditions, "the costs of the quality inspections and loading surveyor will be charged to the Service Provider"

Sub-contracting: note section II in GOAL Standard Terms and Conditions. GOAL may choose to visit vendors, including sub-contractors (if any) as per of the evaluation process.

4.5 SUBMISSION OF TENDERS

Tenders must be delivered in **one** of the following two ways:

- 1. Electronically with your financial and technical offers in separate emails to: tenders@goal.ie and in the subject field state:
 - a) Tender Ref No. G/S/ELF/AE1/14327/2023/ Improving water supply in 6 health facilities supported by GOAL in ND state.
 - b) Name of your firm with the title of the attachment
 - c) Number of emails that are sent e.g., 1 of 3, 2 of 3, 3 of 3.

All documents attached to emails must be in PDF or scan form. Any excel or word documents must be accompanied by a PDF or scan version of the document. Documents submitted solely in excel, word or other 'soft copy' format shall lead to the bid being rejected.

- 2. If electronic bid submission is not possible, please submit in a sealed envelope marked **ELF-AE1-14327** with the words 'not be opened before the deadline 17 April 2023, by the tender committee' with your financial offer in one envelope marked as Financial Offer to the Private Tender Box c/o Procurement department GOAL Sudan, in one of the below offices:
 - **GOAL Khartoum HO**: GOAL Sudan, Khartoum office, House No: 95, Block No: 24, Altaif, Khartoum, Sudan.
 - > GOAL El Fashir office: Hai ADaraja | El Fashir, North Darfour State
 - > GOAL Kutum office: Hai Al Salam, Kutum, North Darfour state

Envelopes may be sent through postal or courier services or delivered by hand; and will be accepted during normal working hours (between 8:00 hours to 16:00 hours) for the country of submission. Please note that the GOAL office will not be open during weekends or public holidays.

! Proof of sending is not proof of reception, either electronically or with post/courier/other physical service. Late delivery will result in your bid being rejected. Envelopes found open at the tender opening will be rejected. All information provided must be perfectly legible.

4.6 TENDER OPENING MEETING

Tenders will be opened as per Section 2 Proposed Timelines above at the following location:

GOAL Sudan, Khartoum office, House No: 95, Block No: 24, Altaif, Khartoum, Sudan.

One **authorized representative** of each tenderer may attend the opening of the bids. Companies wishing to attend are requested to notify their intention by sending an e-mail at least 48 hours in advance to the following e-mail address: procurement.sudan@sd.goal.ie. This notification must be signed by an authorized officer of the tenderer and specify the name of the person who will attend the opening of the bids on the tenderer's behalf.

Suppliers are invited to attend the Tender Opening Meeting at their own cost.

5.1 EVALUATION STAGES

Tenderers will be considered for participation in the Contract subject to the following qualification process:

Phase	Evaluation Process	The basic requirements with which proposals must comply with		
#	Stage	The basic requirements with which proposals must comply with		
		the responses will determine whether the tender has been submitted in line with		
_	he administrative instructions and meets the essential criteria. Only those tenders meeting the essential			
		econd phase of the evaluation.		
1	Administrative	1. Closing Date:		
_	instructions	Proposals must have met the deadline stated in section 2 of these		
	ilisti detions	Instructions to Tenderers, or such revised deadline as may be notified to		
		Tenderers by GOAL. Tenderers must note that GOAL is prohibited from		
		accepting any proposals after that deadline.		
		2. Submission Method:		
		Proposals must be delivered in the method specified in section 4.5 of this		
		document. GOAL will not accept responsibility for tenders delivered by any		
		other method. Responses delivered in any other method may be rejected.		
		3. Format and Structure of the Proposals:		
		Proposals must conform to the Response Format laid out in section 6 of		
		these Instructions to Tenderers or such revised format and structure as		
		may be notified to Tenderers by GOAL. Failure to comply with the		
		prescribed format and structure may result in your response being		
		rejected at this stage.		
		4. Confirmation of validity of your proposal:		
		The Tenderers must confirm that the period of validity of their proposal is		
		not less than 90 (ninety) days.		
2	Essential Criteria	Minimum mandatory requirements of specifications or contract		
		performance.		
		1- Company registration certificate.		
		2- Tax registration number/certificate and VAT registration certificate		
		(if applicable).		
The sec	and stage of the evalua	tion will involve an assessment of the Tenderer's personal and legal		
		inancial standing, to fulfil the obligations of the contract		
3	Legal, Economic &	In-depth review of financial accounts and other documents submitted;		
•	Financial Criteria	tenderer is judged to have requisite financial stability.		
	i maneiai criteria	1- Six (6) months bank statement of the immediately preceding 6		
		months		
		months		
Each pr	oposal that conforms to	the Essential and Qualification Criteria will be evaluated according to the Award		
Criteria	given below by GOAL.			
4	Award Criteria	Tenders will be awarded marks under each of the award criteria listed in this		
		section to determine the most economically advantageous tenders.		
		1. Technical Offer: 50%		
		a) Previous experience with proof of contract completion		
		certificates of a similar specification (at least 4): 40%		
		b) Warranty period for the electrical equipment: 10%		
		2. Price: 35%		
		3. Lead Time: 15%		
		Review of the quality and content of the technical offers further to minimum		
		requirements met will be conducted by the Tender Committee.		

5	Post selection	References and other checks are found to be clear and quality is assessed.

5.2 TENDER EVALUATION

GOAL will convene an evaluation team which may include members of the Finance, Logistics, Programmes, Donor Compliance and Admin to evaluate the bids.

During the evaluation period clarifications may be sought by e-mail from Tenderers. Clarifications may include testimonials from customers in support of particular aspects of a tender, whether such aspects are contained in the original submission or in subsequent responses to requests for clarification. Deadlines will be imposed for the receipt of such clarifications and failure to meet these deadlines may result in the disqualification of the Tender or loss of marks. Responses to requests for clarification shall not materially change any of the elements of the proposals submitted. Unsolicited communications from Tenderers will not be entertained during the evaluation period.

5.3 AWARD CRITERIA

All prices must be in **US Dollars (USD)** and a comprehensive and clear breakdown of prices must be shown as part of the financial offer – any transport fees, taxes, customs charges, component parts, packing fees etc. must be shown separately.

Prices offered will be evaluated on full cost basis (including all fees and taxes).

Marks for cost will be awarded on the inverse proportion principle (shown below): Score vendor = $35 \times (price min / price vendor)$

No	AWARD CRITERIA	Conditions	Weighting (maximum points)
1	Price	Maximum scores available for criterion Price Score ^{vendor} = 35 x (price ^{min} / price ^{vendor})	35
2	Quality	Technical Offer	50
3	Lead Time	Estimated Total time for the works	15
		TOTAL NUMBER OF POINTS	100

ALL FINANCIAL OFFERS MUST BE MADE ON THE BASIS OF 'BEST AND FINAL OFFER'.

5.4 AWARD OF CONTRACT

As per section 4.3.10 above and following the analysis of bids against the award criteria laid out in sections 5.1 and 5.3 the contract may be awarded to one supplier or divided between multiple suppliers at GOAL's discretion. For such purposes, GOAL uses a Value for Money approach, which may include (but is not limited to) price, quality, lead time, context and risk analysis of the supply chain environment pertaining to the contract delivery.

6 RESPONSE FORMAT

6.1 Introduction

All proposals must conform to the response format laid out below. Where a tender does not conform to the required format the Tenderer may be requested to resubmit it in the correct format, on the understanding that the resubmission cannot contain any material change from the original. Failure to resubmit in the correct format within 3 (three) working days may result in disqualification.

By responding to this ITT, each Tenderer is required to accept the terms and conditions of this ITT and to acknowledge and confirm their acceptance by returning a signed copy with its response. Should a Tenderer not comply with these requirements, GOAL may, at their sole discretion, reject the response.

If the Tenderer wishes to supplement their Response to any section of the ITT specifications with a reference to further supporting material, this reference must be clearly identified, including section and page number.

6.2 SUBMISSION CHECKLIST

Line	Item	How to submit		Tick attache d
		Electronic submission	Physical submission	
1	This checklist	Ticked, scan and save as 'Checklist'	Tick and submit.	
2	Appendix 1: Company Details signed	Complete, sign & stamp, scan and save as 'Company Details'	Complete, sign, stamp and submit.	
3	Appendix 2: Scope of Work signed	Sign & stamp, scan and save as 'Scope of Work'	Complete, sign, stamp and submit.	
4	Appendix 3: Bill of Quantities (BOQs)	Complete, sign & stamp, scan and save as 'Bill of Quantity'	Complete, sign, stamp and submit.	
5	Appendix 4: Work Completion Schedule	Complete, sign & stamp, scan and save as 'Work Completion Schedule'	Complete, sign, stamp and submit. sign, stamp and submit.	
6	Appendix 5: Design	Sign, stamp, scan and save as 'Design'	Sign, stamp and submit.	
7	Appendix 6: Payment Schedule	Complete, sign, scan and save as 'Payment Schedule'	Complete, sign, stamp and submit.	
8	Appendix 7: Supplier Questionnaire	Complete, sign, scan and save as 'Supplier questionnaire'	Complete, sign, stamp and submit.	
9	Appendix 8: GOAL Terms and Conditions	Sign, scan and save as 'GOAL Terms and Conditions'	Sign, stamp and submit.	
10	Appendix 9: GOAL Supplier Code of Conduct	Sign, scan and save as 'Code of Conduct'	Sign, stamp and submit.	
11	Company Registration Certificate	Scan and save as 'Company Registration Certificate'	Submit copy of Company Registration Certificate	
12	Tax Registration or VAT Number/Certificate	Scan and save as 'Tax Registration Number/Certificate'	Submit copy of Valid Tax or VAT registration Certificate	
13	Bank statement for the last 6 months	Scan and save as 'bank statement'	Submit copies of the bank statement for the last 6 months	
14	Previous experience with proof of contract completion certificates of a similar specification (at least 4) contracts / completion certificates.	Scan and save as 'previous experience'	Submit copies of previous experience	

APPENDIX 1 - COMPANY DETAILS

1 CONTACT DETAILS

This section must include the following information regarding the Individual or Company and any partners or subcontractors:

Name of the prime Tenderer		
Registered address of the prime		
Tenderer		
Company Name		
Address		
Previous Name(s) if applicable		
Registered Address if different		
from above		
Registration Number		
Telephone		
E-mail address		
Website address		
Year Established	_	
Legal Form. Tick the relevant box	o Company	o Joint Venture
	o Partnership	o Other (specify):
VAT/TVA/Tax Registration Number		·
Directors' names and titles and any		
other key personnel		
Please state name of any other		
persons/organisations (except		
tenderer) who will benefit from		
this contract (GOAL compliance		
matter)		
Parent company		
Ownership		
Do you have associated	O Yes	o No
companies? Tick relevant box. If		
YES – provide details for each		
company in the form of additional		
table as per Contact Details	Duine and Court art	Construction Contact
News	Primary Contact	Secondary Contact
Name		
Current Position in the Organization: No. of years working with the		
Organization:		
Email address		
Telephone		
Mobile		
Other Relevant Skills:		
Institution (Date from – to)		
Degrees or Diplomas		
Degrees of Diplomas		

PROFESSIONAL OR CORPORATE MEMBERSHIPS

These are with external professional bodies that your company is registered with (please note this is not the company/ business registration details). Please attach copies of any relevant certificates or memberships and use more lines if necessary:

No	Name of the body	Year of registration	Membership Number
1			
2			
3			
4			

PROFILE

Tenderers should note that the information requested below will be required under the Essential Criteria. In total the answers to these questions should take no more than 2 pages

No	Description	Response	
1	An outline of the scope of business		
	activities, and in particular details of		
	relevant experience regarding contracts of		
	this nature		
2	Provide details of two contracts of a similar		
	nature carried out in the last two years		
	(please state customer name, delivery		
	location, value of contract, and dates)		
3	The number of years the Tenderer has		
	been in business in its present form		
4	A statement of overall turnover and turnove	r in respect to the goods and ser	vices offered under the
	proposed agreement for the last three years	as per the following table:	
	Year	Overall Turnover USD	Offered Goods Turnover
			USD
	2021		
	2020		
	2019		
5	Where the Supplier proposes to use		
	subcontractors or resellers/ distributors in		
	the execution of the agreement this		
	section should include details of the quality		
	assurance mechanisms used by the		
	Supplier to monitor the activities of its		
	subcontractors or resellers/ distributors.		
	Suppliers should note that commitment to		
	quality, as evidenced by the existence of		
	such quality control procedures, will be		
	used as a Qualification Criteria		
6	Any other relevant information		

REFERENCES

At least 2 (two) relevant references who may be contacted on a confidential basis to verify satisfactory execution of contracts must be supplied. These references may not be GOAL personnel or related to a GOAL contract. Respondents should supply this information for each of the references in the following format:

	ndents should supply this information for each	Tor the references in the following format.
1	Name	
	Organisation	
	Address	
	Phone	
	Fax	
	Email	
	Nature of supply	
	Approximate value of contract	
2	Name	
	Organisation	
	Address	
	Phone	
	Fax	
	Email	
	Nature of supply	
	Approximate value of contract	
3	Name	
	Organisation	
	Address	
	Phone	
	Fax	
	Email	
	Nature of supply	
	Approximate value of contract	
4	Name	
	Organisation	
	Address	
	Phone	
	Fax	
	Email	
	Nature of supply	
	Approximate value of contract	

By including the above information, tenderers confirm that they have consent from the data subject to share this information with GOAL for the purpose of providing a reference, to allow GOAL to analyses offers and award a contract under this tender; and that the data subject understands that the personal data may be shared internally within GOAL and externally if required by law and donor regulations; and may be stored for a period of up to 7 years from the award of contract.

2 DECLARATIONS RE PERSONAL AND LEGAL CIRCUMSTANCES

THIS FORM MUST BE COMPLETED AND SIGNED BY A DULY AUTHORISED OFFICER OF THE TENDERERS' ORGANISATION. Please tick Yes or No as appropriate to the following statements			No
	ng to the status of your organization		
1	The Tenderer is bankrupt or is being wound up or its affairs are being administered by		
	the court or has entered into an arrangement with creditors or has suspended business		
	activities or is in any analogous situation arising from a similar procedure under		
	national laws and regulations		
2	The Tenderer is the subject of proceedings for a declaration of bankruptcy, for an order		
	for compulsory winding up or administration by the court or for an arrangement with		
	creditors or of any other similar proceedings under national laws and regulations		
3	The Tenderer, a director or Partner, has been convicted of an offence concerning his		
	professional conduct by a judgement which has the force of res judicata or been guilty		
	of grave professional misconduct in the course of their business		
4	The Tenderer has not fulfilled its obligations relating to the payment of taxes or social		
_	security contributions in Ireland or any other State in which the tenderer is located		
5	The Tenderer, a director or Partner has been found guilty of fraud		
6	The Tenderer, a director or Partner has been found guilty of money laundering		
7	The Tenderer, a director or Partner has been found guilty of corruption		
8	The Tenderer, a director or Partner has been convicted of being a member of a criminal		
	organisation		
9	The Tenderer, a director or Partner is under investigation, or has been sanctioned		
	within the preceding three (3) years by any national authority of a United Nations		
	Member State for engaging or having engaged in proscribed practices, including but		
	not limited to: corruption, fraud, coercion, collusion, obstruction, or any other		
40	unethical practice.		
10	The Tenderer has been guilty of serious misrepresentation in providing information to a		
11	public buying agency	_	
11	The Tenderer has contrived to misrepresent its Health & Safety information, Quality		
12	Assurance information, or any other information relevant to this application		
12	The Tenderer has colluded between themselves and other bidders (a bidding ring),		
	and/or the Tenderer has had improper contact or discussions with any member of GOAL staff and/or members of their family		
13	The Tenderer is fully compliant with the minimum terms and conditions of the		
13	Employment Law and with all other relevant employment legislation, as well as all		
	relevant Health & Safety Regulations in the countries of registration and operations		
14	The Tenderer has procedures in place to ensure that subcontractors, if any are used for		
	this contract, apply the same standards.		
15	Consistent with numerous United Nations Security Council resolutions including		
13	S/RES/1269 (1999), S/RES/1368 (2001) and S/RES/1373 (2001), GOAL is firmly		
	committed to the international fight against terrorism, and in particular, against the		
	financing of terrorism. It is the policy of GOAL to seek to ensure that none of its funds		
	are used, directly or indirectly, to provide support to individuals or entities associated		
	with terrorism. In accordance with this policy, the Tenderer undertakes to use all		
	reasonable efforts to ensure that it does not provide support to individuals or entities		
	associated with terrorism.		
I cert	ify that the information provided above is accurate and complete to the best of my know	edge an	d belief.
I und	erstand that the provision of inaccurate or misleading information in this declaration may	lead to	my
orgar	nisation being excluded from participation in future tenders.		
Date			
Name			

Position	
Telephone number	
Signature and full name	

1. Turnover history

Trading year

Address:

Turnover figures entered the table must be the total sales value before any deductions.

Total turnover

'Turnover of related products' is for companies that provide items or services in multiple sectors. Please enter information on turnover of items or services that are similar in nature to the items or services requested under this tender.

Turnover of related products

2021		
2020		
2019		
Include a short narrative below to	explain any trends year to year.	
GOAL expects all companies	w of the country of operation and with to fulfil their legal obligations, includir e relevant tax legislation. Please commogOAL's attention.	ng meeting their tax liabilities and
	_	
Please continue in a separate shee	t if necessary.	
certify that the information provide	ed above is accurate and complete to the	ne best of my knowledge and belief. I
·	naccurate or misleading information	•
rganization being excluded from pa		
iganization being excluded nom pa	rticipation in future tenders.	
	rticipation in future tenders.	
igned: (Director)	rticipation in future tenders.	
Signed: (Director) Date: Print Name:	rticipation in future tenders.	

- The successful contractor will be given the task to undertake the connection of water supply system to (Kalla and Birka Sira Health Facilities in Saraf Omrah locality, Garbia, Kutum and Fata barno health facilities in Kutum locality and Orshi health facility in Umbaru locality) by GOAL in North Darfur state.
- The construction works must be completed according to the drawing and BOQ specification attached.
- The contractor should be able and have the capacity to supply the required materials, skilled, un-skilled labors, equipment and tools to complete the construction works within the time frame specified in work plan and with required quality.
- Any change or amendment on the construction works, BOQ and designs should be discussed and agreed with GOAL site engineer in advance and on writing.
- The contractor should supply good quality materials in complaisance with GOAL procurements standards which from part of the RFP document and execute work as specified bellow and detailed in the drawing.

Works specification:

Birka Sira Health Facility:

Pumping system

- Provide and conduct test pumping for the existing borehole and apply complete maintenance to it including borehole cleaning by air jetting, replace the main spare parts and sealing the well opening by fixing 3 mm steel plate including all necessary fittings. The price is inclusive of removing existing water hand pump and inspecting the well casing and filters status.
- Supply and install submersible pump 2 inch, minimum Q= 10m3- 2.2 kw, H=25m3,3 phase.
- Pump Drop cable flexible cable 6mm.
- Supply and install (ASTM)Steel heavy duty pipes (Diameter 2 inch, 3 meters long, threaded on both sides)
- Water level sensor for dry run protection + wire.
- Provision and installation solar panel of 250 W capacity
- Provision and installation of connection box specification: support structure, ant- corrosion, bolted type for all module needed, to with stand high wind speed (40Km/h) the support fixed in 3 line of brick walls sized 0.2mx0.2mx0.3m
- Provision and installation of Switch Box: Our PS 4000 is supply with ON/OF switch and Earth wire hole, diameter of 0.5mand length of 1m, piece of copper and coal with salt.
- Support Structure for panels modules.
- Provision and installation of one set of wire kit, array to junction box, and from junction box to the switch and sensor cable specification 4x6mm and 2x1.5mm
- Provision and installation of termination kit for the drop cable.
- Pump Security wire, Rust proof type with clamps.
- Supply and connect 3-phase solar pump inventor of 3 kw capacity, Italian made or equivalent quality (to switch from DC to AC)/400 V
- Steel Box for the Controller with lock.

Protection fence for solar panels:

- Excavation work for demission 40cm X 40cm *50cm
- Supply 2inch iron angle thickness 2mm, length 2.5 m with Y shape as fence column.
- Supply material and construct the foundation, the foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall.
- Supply and weld iron bar 12, 4 mm as horizontal member to support fence structure.
- Supply and weld gabion mish size 10m *2m size 4mm, to be attached to posted pipe.
- Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing.
- Supply and form iron door with proper lock system 1m* 2m.

Pumping system inside the HF

- Labor cost for excavation the trench for pipeline depth 50cm, width 40cm include layout and buried of pipes.
- Supply and layout 400 meter of polyethylene pipe of 2-inch pipe as water pumping line (from the well to the ground water tank inside the HF), the cost including necessary fitting.
- Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.
- Water level sensor for dry run protection + wire
- Pump Drop cable flexible cable 16mm.
- Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)
- Supply and install motor box (50cm*60cm)
- Supply and install download valve (25cm*25cm*25cm).

Tower of the elevated tank installation

- Supply materials for manufacturing and install elevated water storage tank by iron sheet (mild steel plate size 3mm for ground, sides and roof), size 6,000L (6m3), 2*1.5*2m, the tower should be 1 section 3meters high from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation.
- ✓ Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and rebar 12mm, 15 cm C/C according to water corporation specifications and standard.

Water net system in PHC

- Supply and laid main pipeline with 2-inch Polyethylene pipe(90meter) from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply 3/4-inch PPR pipe connect water in different location inside clinic (8 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2-inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket.
- Supply materials and build tap stand (Wadia) with 4 taps, the cost including setting place and trench and soak away pit.
- Supply materials and install marble hand washing basin in (8 rooms, latrine, 1 in the front of the main building)
 and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting
 place, trench and soak away pit.
- Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soak away and bathroom.

Kalla Health Facility:

Pumping system

- Cleaning of the yard from the dissolved substances and cover the well by concrete slab.
- Supply and install submersible pump (Shakti marker) 2 inch, minimum Q= 10m3- 2.2 kw, H=25m3,3 phase.
- Pump Drop cable flexible cable 6mm.
- Supply and install (ASTM)Steel heavy duty pipes (Diameter 2 inch, 3 meters long, threaded on both sides)
- Water level sensor for dry run protection + wire.
- Provision and installation solar panel of 250 W capacity
- Provision and installation of connection box specification: support structure, ant- corrosion, bolted type for all module needed, to with stand high wind speed (40Km/h) the support fixed in 3 line of brick walls sized 0.2mx0.2mx0.3m
- Provision and installation of Switch Box: Our PS 4000 is supply with ON/OF switch and Earth wire hole, diameter of 0.5mand length of 1m, piece of copper and coal with salt.
- Support Structure for panels modules.
- Provision and installation of one set of wire kit, array to junction box, and from junction box to the switch and sensor cable specification 4x6mm and 2x1.5mm
- Provision and installation of termination kit for the drop cable.
- Pump Security wire, Rust proof type with clamps.
- Supply and connect 3-phase solar pump inventor of 3 kw capacity, Italian made or equivalent quality (to switch from DC to AC)/400 V
- Steel Box for the Controller with lock.

Pipe works:

- Supply and fix 2" GI pipes (6 meter) from the well to the plastic water tank.
- Supply and fix 3" GI pipes from the plastic water tank to distribution point.
- Supply and install 2" non-return valve at the well outlet including all necessary fittings.
- Supply and install 3" flow meter at the plastic tank including protection box and all the necessary fittings as specified in the drawings.
- Supply and install 2" valve at the well including all the necessary fittings.
- Supply and fix 3" check valve at the plastic tank including all necessary fittings.
- Supply and fix 3" GI pipes (6 mater) outlet including all necessary fittings.
- Supply plastic water tank (25 barrel)
- Supply materials and construct iron tower of 3 meter high from heavy iron angle of 2 inch and 5mm thickness. The tower should be 1 section 3meters high from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation.

Distribution Point, Cart filling Stand:

- Construction of two tap points with 10 taps (3inch, 5mm) each using heavy duty and easy use taps, with separate fencing each ,2 control valves one for each tap point, each tap point fixed to concert slap raised at 1.5m wall with smooth concrete drainage system.
- Supply and install 4" PVC drainage pipe at the distribution point and cart filling stand drainage pits. The price
 including all works necessary to complete the job according to drawings.
- Labor cost for excavation the trench for pipeline depth 50cm, width 40cm include layout and buried of pipes.
- Supply and layout 300 meter of polyethylene pipe of 2-inch pipe as water pumping line (from the existing water tank to the ground water tank inside the HF), the cost including necessary fitting.

Protection fence for solar panels:

- Excavation work for demission 40cm X 40cm *50cm
- Supply 2inch iron angle thickness 2mm, length 2.5 m with Y shape as fence column.
- Supply material and construct the foundation, the foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall.
- Supply and weld iron bar 12, 4 mm as horizontal member to support fence structure.
- Supply and weld gabion mish size 10m *2m size 4mm, to be attached to posted pipe.
- Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing.
- Supply and form iron door with proper lock system 1m* 2m.

Pumping system inside the HF

- Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.
- Water level sensor for dry run protection + wire
- Pump Drop cable flexible cable 16mm.
- Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)
- Supply and install motor box (50cm*60cm)
- Supply and install download valve (25cm*25cm*25cm).

Tower of the elevated tank installation

- ✓ Supply materials for manufacturing and install elevated water storage tank by iron sheet (mild steel plate size 3mm for ground, sides and roof), size 6,000L (6m3), 2*1.5*2m, the tower should be 1 section 3meters high from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation.
- ✓ Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and rebar 12mm, 15 cm C/C according to water corporation specifications and standard.

Water net system in PHC

- Supply and laid main pipeline with 2-inch Polyethylene pipe from the ground tank to the elevated water tank.
 The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost
 including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2-inch PVC pipe from hand washing from inside the rooms to outside as wastewater network and connected to socket.
- Supply materials and build tap stand (Wadia) with 4 taps, the cost including setting place and trench and soak away pit.
- Supply materials and install marble hand washing basin in (4 rooms, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting place, trench and soak away pit.

• Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soak away and bathroom.

Kutum Health Facility:

Pumping system:

- Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.
- Water level sensor for dry run protection + wire
- Pump Drop cable flexible cable 16mm.
- Supply and install motor box (50cm*60cm).
- Supply and install download valve (25cm*25cm*25cm).

Construction Ground water tank:

Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and rebar 12mm, 15 cm C/C according to water corporation specifications and standard.

Water net system:

- Supply and laid main pipeline with 2-inch Polyethylene pipe (90 meter) from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply 3/4-inch PPR pipe connect water in different location inside clinic (5 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 6 tap and hand washing facilities in each room). AND supply and laid 2-inch PVC pipe from hand washing from inside the rooms to outside as wastewater network and connected to socket.
- Supply materials and build tap stand (Wadia) with 4 taps, the cost including setting place and trench and soak away pit.
- Supply materials and install marble hand washing basin in (5 rooms, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit).the cost including fitting, setting place, trench and soak away pit.
- Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soak away and bathroom.

Garbia Health Facility:

Pumping system

- Supply and fix 2" GI pipes (3 meter) outlet including all necessary fittings for the existing elevated water tank inside the HF.
- Supply and install download valve (25cm*25cm*25cm)
- Labour cost for excavation the trench for pipeline depth 50cm, width 40cm include layout and buried of pipes.
- Supply and layout 300 meter of polyethylene pipe (90 meter) of 2-inch pipe as water pumping line (from the existing water tank to the water tank inside the HF), the cost including necessary fitting.

Water net system:

• Supply and laid main pipeline with 2-inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).

- Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply 3/4 inch PPR pipe and connect water in different location inside clinic (8 room, Lab, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 11 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste-water network and connected to socket.
- Supply materials and build tap stand (Wadia) with 4 taps, the cost including setting place and trench and soak away pit.
- Supply materials and install marble hand washing basin in (8 rooms, Lab, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting place, trench and soak away pit.
- Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soak away and bathroom.

Fata Barno Health Facility:

Pumping system

- Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.
- Provision and installation solar panel of 250 W capacity
- Water level sensor for dry run protection + wire
- AC pump investors (5HP) to install invertor to compile power between solar system and submersible pump (to switch from DC to AC)
- Provision and installation of connection box specification: support structure, ant- corrosion, bolted type for all
 module needed, to with stand high wind speed (40Km/h) the support fixed in 3 line of brick walls sized
 0.2mx0.2mx0.3m
- Provision and installation of Switch Box: Our PS 3000 is supply with ON/OF switch and Earth wire hole, diameter
 of 0.5mand length of 1m, piece of copper and coal with salt.
- Provision and installation of one set of wire kit, array to junction box, and from junction box to the switch and sensor cable specification 4x6mm and 2x1.5mm
- Pump Drop cable flexible cable 16mm.
- Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)
- Steel Box for the Controller with lock.
- Supply and install motor box (50cm*60cm)
- Supply and install download valve (25cm*25cm*25cm)

Construction Ground water tank:

Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and rebar 12mm, 15 cm C/C according to water corporation specifications and standard.

Water net system:

 Supply and laid main pipeline with 2-inch Polyethylene pipe (90meter) from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).

- Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost
 including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply 3/4-inch PPR pipe and connect water in different location inside clinic (13 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 8 tap and hand washing facilities in each room). AND supply and laid 2-inch PVC pipe from hand washing from inside the rooms to outside as waste-water network and connected to socket.
- Supply materials and build tap stand (Wadia) with 4 taps, the cost including setting place and trench and soak away pit.
- Supply materials and install marble hand washing basin in (13 rooms, latrine, 1 in the front of the main building)
 and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting
 place, trench and soak away pit.
- Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soak away and bathroom.

Orshi Health Facility:

Pumping system:

- Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.
- Water level sensor for dry run protection + wire
- Pump Drop cable flexible cable 16mm.
- Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)
- Supply and install motor box (50cm*60cm)
- Supply and install download valve (25cm*25cm*25cm)
- Labour cost for excavation the trench for pipeline depth 50cm, width 40cm include layout and buried of pipes.
- Supply and layout 7 roll (90meter) of polyethylene pipe of 2-inch pipe as water pumping line (from the existing MWY in Orshi to the ground water tank inside the HF), the cost including necessary fitting.

Tower of the elevated tank installation:

- Supply materials for manufacturing and install elevated water storage tank by iron sheet (mild steel plate size 3mm for ground, sides and roof), size 6,000L (6m3), 2*1.5*2m, the tower should be 1 section 3meters high from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation.
- Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity
 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar
 1:2:4 and rebar 12mm, 15 cm C/C according to water corporation specifications and standard.

Water net system:

Supply and laid main pipeline with 2-inch Polyethylene pipe from the ground tank to the elevated water tank.
 The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).

- Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost
 including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).
- Supply 3/4-inch PPR pipe connect water in different location inside clinic (6 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 7 tap and hand washing facilities in each room). AND supply and laid 2-inch PVC pipe from hand washing from inside the rooms to outside as wastewater network and connected to socket.
- Supply materials and build tap stand (Wadia) with 4 taps, the cost including setting place and trench and soak away pit.
- Supply materials and install marble hand washing basin in (6 rooms, latrine, nutrition shelter, 1 in the front of
 the main building) and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including
 fitting, setting place, trench and soak away pit.
- Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soak away and bathroom.

General notes:

Materials/Equipment to be supplied by Contractor:

All materials and equipment supplied locally by the Contractor shall be of the best quality in their class and of the respective kinds as described in the contract and in accordance with the "Supervisor's" instructions and to the satisfaction of the GOAL Engineer. They shall be inspected from time to time at the site during the progress of the work.

Any materials/equipment arriving on site found unsuitable shall be rejected. The Contractor shall replace the rejected material/equipment at his own expense.

Health & Safety

<u>Safety</u>

During implementation period, many factors of safety should be considered:

- Laboure's shall have enough and appropriate digging tools and keep excavated materials back at least 600 mm (2 ft.) from the edge of any trench excavation and 1.2 m (4 ft.) from any other excavation.
- Protective gloves and suitable protective clothing to protect hands or the whole body as required that should be provide to Laboure's.
- Provide ladder when workers are required to enter excavation over 1.5 meter (5ft) in depth, the ladder should be properly fixed to prevent slipping.
- During the digging some argument should take place to prevent falling stone in the well, and support the sides of excavations by sheet pilling, shorting, and bracing to guard against danger to workers from fall or dislodgement of earth, rock or other material.
- The well should be covered during the night to prevent falling the children inside.
- Fence the construction site to prevent the entry of unauthorized persons on construction sites, which are in built-up areas and alongside vehicular and pedestrian traffic routes.
- The contractor shall also follow the GOAL guidelines for working in excavations and ensure that these standards are always met during construction work alongside the above specific points.

Quality assurance:

ITT ELF/AE1/14327/2023 Improving Water Supply in 6 Health Facilities supported by GOAL – ND State All materials and equipment supplied by the contractor shall be of the best quality in their class and of the respective kinds as described in the contract and in accordance with the (supervisor's) instructions and to the satisfaction of the GOAL engineer. They shall be inspected from time to time at the site during the progress of the work. Any materials / equipment arriving on site found unsuitable shall be rejected. The contractor shall replace the rejected materials at his own expense.

Materials and workmanship:

All the work noted in this specification must be carried out to the highest standard which is normally possible using only the best materials and most skilled workmen. Samples of all construction materials must be shown to a representative of GOAL for written approval before starting construction.

Site in charge:

The contractor must employ an experienced site-in-charge who must be on site to always supervise the work when work is generally leave the whole area of the site clean, washed, tidy and ready for use.

A. Basic materials:

Cement:

The choosing of cement brand must agree with a representative of GOAL. All cement brought to the site must be fresh (manufactured within previous three months) and in perfect condition for use. All cement brought must be stored carefully so that it remains in perfect condition. Storage must be a totally dry place with a platform of planks or bamboo to keep all cement 6 minimum height above ground.

Coarse aggregate for concrete:

The first choice of coarse aggregate chosen by GOAL is graded river gravel of suitable type and strength. The second choice of aggregate is broken stone of suitable type and strength.

The source of aggregate should be clean and free from impurities and plant material. The shape of the aggregate should be mostly rounded with a small number which are long or flat. If this type of aggregate is not available, the contractor must agree with a representative of GAL which other type to use.

Sand:

The first choice of sand chosen by GOAL is good quality river sand. The sand must not contain mud, dust, or pieces of plants. The contractor must make all efforts to obtain coarse sand (with zero fines). A sample of sand must be shown to a representative of GOAL. For plastering the sand must be sieved according to the GOAL construction engineers additional specification.

<u> Water:</u>

Clean water must be used in all construction works especially for plaster or mortar. The contractor must inform a representative of GOAL. As to the source of water used in all construction works.

B. Workmanship:

Blockwork wall workmanship:

All block walls should be laid in 1:4 cement: sand mortar. All bricks or block surfaces must be wetted with water before laying commences. Blocks should be soaked for just sufficient time for water to penetrate the whole brick. Existing wall brick layers should be wetted slightly before laying new bricks. All vertical and horizontal joints are to be completely filled with mortar. New brickwork and blockwork must not be laid for more than 1m above the general construction level at any one time. Brickwork and blockwork must be kept covered with wet sacking for one week after laying.

Concrete workmanship:

All materials for concrete (cement, sand, aggregate and water) must meet the quality specifications set out in section B. The proportions of cement, sand and aggregate and must be determined by volume according to the following table:

Concrete mix (1m3)	Cement	Dry sand	Gravel	
1:2:4	320 kg	0.45 m3	0.9 m3	
1:3:6	220 kg	0.46 m3	0.92 m3	

Water / cement ratio quantity of water must not exceed the following:

Concrete mix	Amount of water
1:2:4	32 liters per 50kg cement
1:3:6	25 liters per 50kg cement

Signed:	
Print name:	Position:
Company Name:	Date:
Address:	

Please complete and sign the BOQ.

A. BOQ for connect and improvement of water supply system inside Orshi Health Facility - Umbaru Locality

Line- Item No	Quantity Requested	Unit	Item Description	Specifications	Unit cost USD	Total Price USD
1.Pum	ping system					
1	1	Water pump	Electrical water pump	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.		
2	1	PCs	Water level wire	Water level sensor for dry run protection + wire		
3	1	Roll	Pump cable	Pump Drop cable flexible cable 16mm		
4	1	PCs	Riser pipe	Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)		
5	1	Pcs	Motor box	Supply and install motor box (50cm*60cm)		
6	1	PCs	Download valve	Supply and install download valve (25cm*25cm*25cm)		
7	630	meter	Excavation the trench	Labor cost for excavation the trench for pipeline depth 50cm, width 40cm include layout and buried of pipes.		
8	7	Roll	Polyethylene pipe	Supply and layout 7 roll (90meter) of polyethylene pipe of 2-inch pipe as water pumping line (from the existing MWY in Orshi to the ground water tank inside the HF), the cost including necessary fitting.		
				Sub Total		
2.Tow	er of the eleva	ated tank i	nstallation			
1	1	Elevated tank	Elevated tanks Tower	Supply materials for manufacturing and install elevated water storage tank by iron sheet (mild steel plate size 3mm for ground, sides and roof), size 6,000L (6m3), 2*1.5*2m, the tower should be 1 section 3meters high from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation		

		1	111 221,	AE1/14527/2025 improving water supply in 6 nearth racinities supported by GOAL – ND state			
		Ground	Ground	Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of			
2	1	tank	water tank	the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C			
				according to water corporation specifications and standard.			
	Sub Total						
3.Wate	ernet system						
				Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to			
1	1	Roll	Polyethylene	the elevated water tank. The cost including any necessary fitting like valve, and			
			pipe	others (COUPLING, SOCKET, UNION, ELBOW, TEE).			
				Supply and laid 1 inch PPR from the main pipeline to internal network for the health			
2	60	Meter	PPR	facility building. The cost including any necessary fitting like valve and others			
				(COUPLING, SOCKET, UNION, ELBOW, TEE).			
3	1	Set	Internal network	Supply 3/4-inch PPR pipe connect water in different location inside clinic (6 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 7 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste			
				water network and connected to socket.			
4	1	pcs	Tap stands	Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and soak away pit.			
5	9	pcs	hand washing basin	Supply materials and install marble hand washing basin in (6 rooms, latrine, nutrition shelter, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit).the cost including fitting, setting place, trench and soak away pit.			
6	5	pcs	Soak away pit	Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soakaway and bathroom.			
				Sub Total for Orshi HF in Umbaru locality			

B. BOO	3. BOQ for connect and improvement of water supply system inside 3 HFs -Kutum locality								
Line- Item No	Quantity Requested	Unit	Item Description	Specifications	Unit cost USD	Total Price USD			
BoQ fo	BoQ for improvement of water supply system inside Kutum Health Facility								
1.Pum	ping system								
1	1	Water pump	Electrical water pump	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.					
2	1	PCs	Water level wire	Water level sensor for dry run protection + wire					
3	1	Roll	Pump cable	Pump Drop cable flexible cable 16mm					
4	1	Pcs	Motor box	Supply and install motor box (50cm*60cm)					
5	1	PCs	Download valve	Supply and install download valve (25cm*25cm*25cm)					
				Sub Total					
2.Cons	struction Grou	und water	tank						
1	1	Ground tank	Ground water tank	Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard.					
				Sub Total					
3.Wat	ernet system								
1	2	Roll	Polyethylene pipe	Supply and laid main pipeline with 2-inch Polyethylene pipe (90 meter) from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).					
2	50	Meter	PPR	Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).					

3	1	Set	Internal network	Supply 3/4-inch PPR pipe connect water in different location inside clinic (5 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 6 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket.	
4	1	pcs	Tap stands	Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and soak away pit.	
5	7	pcs	hand washing basin	Supply materials and install marble hand washing basin in (5 rooms, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting place, trench and soak away pit.	
6	4	pcs	Soak away pit	Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soakaway and bathroom.	
				Sub Total	
BoQ fo	or connect an	d improve	ement of water	supply system inside Garbia Health Facility	
1.Pum	nping system				
1	1	PCs	Outlet	Supply and fix 2" GI pipes (3 mater) outlet including all necessary fittings for the existing elevated water tank inside the HF.	
2	1	PCs	Download valve	Supply and install download valve (25cm*25cm*25cm)	
3	300	meter	Excavation the trench	Labor cost for excavation the trench for pipeline depth 50cm, width 40cm include layout and buried of pipes.	
4	4	Roll	Polyethylene	Supply and layout 300 meter of polyethylene pipe (90 meter) of 2 inch pipe as water pumping line (from the existing water tank to the water tank inside the	
			pipe	HF), the cost including necessary fitting .	
			pipe	HF), the cost including necessary fitting . Sub Total	
2.Wat	ernet system		pipe		

	•		IIII ELF	-/AE1/14327/2023 improving water Supply in 6 Health Facilities supported by GOAL – ND Sta	te .			
2	60	Meter	PPR	Supply and laid 1-inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).				
3	1	Set	Internal network	Supply 3/4 inch PPR pipe and connect water in different location inside clinic (8 room, Lab, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 11 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket.				
4	1	pcs	Tap stands	Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and soak away pit.				
5	11	pcs	hand washing basin	Supply materials and install marble hand washing basin in (8 rooms, Lab, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit).the cost including fitting, setting place, trench and soak away pit.				
6	6	pcs	Soak away pit	Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soakaway and bathroom.				
	Sub Total							
	BoQ for improvement of water supply system inside Fata barno Health Facility							
BoQ fo	or improvem	ent of wat	er supply syste	m inside Fata barno Health Facility				
	or improvemoring system	ent of wat	er supply syste	m inside Fata barno Health Facility				
		Water pump	er supply system Electrical water pump	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.				
1.Pum	ping system	Water	Electrical	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with				
1.Pum	pping system 1	Water	Electrical water pump Solar panels	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.				
1.Pum 1	pping system 1 10	Water pump Pannels	Electrical water pump Solar panels (modules) Water level	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator. Provision and installation solar panel of 250 W capacity				
1.Pum 1 2 3	1 10 1	Water pump Pannels PCs	Electrical water pump Solar panels (modules) Water level wire	Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator. Provision and installation solar panel of 250 W capacity Water level sensor for dry run protection + wire AC pump investors (5HP) to install invertor to compile power between solar				

	1			/AE1/1432//2023 Improving Water Supply in 6 Health Facilities supported by GOAL – ND Sta	te '
7	1	set	Wire kits	Provision and installation of one set of wire kit, array to junction box, and from junction box to the switch and sensor cable specification 4x6mm and 2x1.5mm	
8	1	Roll	Pump cable	Pump Drop cable flexible cable 16mm	
9	1	PCs	Riser pipe	Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)	
10	1	PCs	Steel Box	Steel Box for the Controller with lock.	
11	1	Pcs	Motor box	Supply and install motor box (50cm*60cm)	
12	1	PCs	Download valve	Supply and install download valve (25cm*25cm*25cm)	
				Sub Total	
2.Cons	struction Gro	und water	tank		
1	1	Ground tank	Ground water tank	Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard.	
				Sub Total	
3.Wat	ernet system				
1	2	Roll	Polyethylene pipe	Supply and laid main pipeline with 2 inch Polyethylene pipe (90meter) from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).	
2	80	Meter	PPR	Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).	
3	1	Set	Internal network	Supply 3/4-inch PPR pipe and connect water in different location inside clinic (13 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 8 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket.	
4	1	pcs	Tap stands	Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and soak away pit.	
5	15	pcs	hand washing basin	Supply materials and install marble hand washing basin in (13 rooms, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting place, trench and soak away pit.	

6 7 Soak away Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken	6	7	pcs	pit	bricks to fill the hole and pit which connect between soakaway and bathroom. Sub Total for 3 HFs in Kutum locality	
	6	/	pcs	pit	bricks to fill the hole and pit which connect between soakaway and bathroom.	



C. BOQ for Connect and improve of water supply systems to Birka Sira and Kalla health facilities - Saraf Omrah Locality

Line-Item No	Quantity Requested	Unit	Item Description	Specifications	Unit cost USD	Total Price USD				
	BOQ for Connect and improve of water supply system to Birka Sira health facility - Saraf Omrah Locality									
1.Pumping	system									
1	1	LS	Borehole	Provide and conduct test pumping for the existing borehole and apply complete maintenance to it including borehole cleaning by air jetting, replace the main spare parts and sealing the well opening by fixing 3 mm steel plate including all necessary fittings. The price is inclusive of removing existing water hand pump and inspecting the well casing and filters status.						
2	1	PCS	Submersible pump	Supply and install submersible pump 2 inch , minimum Q= 10m3- 2.2 kw , H=25m3 ,3 phase.						
3	1	Roll	Pump cable	Pump Drop cable flexible cable 6mm						
4	12	Pcs	Main rising pipe	Supply and install (ASTM)Steel heavy duty pipes (Diameter 2 inch, 3 meters long, threaded on both sides)						
5	1	pcs	Water level wire	Water level sensor for dry run protection + wire.						
6	10	pcs	Solar panels (modules)	Provision and installation solar panel of 250 W capacity						
7	1	Pcs	Connection Box	Provision and installation of connection box specification: support structure, ant- corrosion, bolted type for all module needed, to with stand high wind speed (40Km/h) the support fixed in 3 line of brick walls sized 0.2mx0.2mx0.3m						

8	1	pcs	Switch Box	Provision and installation of Switch Box: Our PS 4000 is supply with ON/OF switch and Earth wire hole, diameter of 0.5mand length of 1m, piece of copper and coal with salt.	
9	1	sets	Support Structure for Panels (modules)	Support Structure for panels modules.	
10	1	set	Wire kits	Provision and installation of one set of wire kit, array to junction box, and from junction box to the switch and sensor cable specification 4x6mm and 2x1.5mm	
11	1	Pcs	Termination Kit	Provision and installation of termination kit for the drop cable.	
12	30	meter	Pump Security wire	Pump Security wire, Rust proof type with clamps.	
13	1	pcs	Invertor	Supply and connect 3-phase solar pump inventor of 3 kw capacity, Italian made or equivalent quality or equivalent quality to switch from DC to AC)/400 V	
14	1	Pcs	Steel Box	Steel Box for the Controller with lock.	
			Sub Total		
2.Protection	on fence for s	olar panels	5		
1	22	job	Excavation pit	Excavation works for demission 40cm X 40cm *50cm	
2	22	pcs	Post pipe	Supply 2inch iron angle thickness 2mm, length 2.5 m with Y shape as fence column.	
3	22	PCs	Foundation work	Supply material and construct the foundation, the foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall.	
4	20	pcs	Horizontal member	Supply and weld iron bar 12, 4 mm as horizontal member to support fence structure.	
5	4	Roll	Gablon mish	Supply and weld gablon mish size 10m *2m size 4mm, to be attached to posted pipe.	
6	6	Roll	Razor wire	Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing.	
7	1	pcs	Iron Door	Supply and form iron door with proper lock system 1m* 2m.	
			Sub	total	
3.Pumping	system insid	le the HF			

Sub Total Sub Total					
			Cb.		
				water corporation specifications and standard.	
2	1	Ground tank	Ground water tank	mortar 1:2:4 and reber 12mm , 15 cm C/C according to	
				cover of the basin, sickness 10 cm, using cement	
				12,000 L (12m3) the cost include the casing concrete	
				depth by bricks and concrete, with storage capacity	
		Elevated tank	Elevated tanks Tower	Supply materials and building ground basin 2*2m, 3m	
				reinforcement concrete foundation	
				specification and standard. The cost including all	
				from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation	
1	1			2*1.5*2m, the tower should be 1 section 3meters high	
				3mm for ground, sides and roof), size 6,000L (6m3),	
				water storage tank by iron sheet (mild steel plate size	
				Supply materials for manufacturing and install elevated	
4.Tower o	the elevate	d tank insta	llation inside the HF		
Sub Total					
8	1	PCs	Download valve	Supply and install download valve (25cm*25cm*25cm)	
7	1	Pcs	Motor box	Supply and install motor box (50cm*60cm)	
	1		Riser pipe	long, threaded on both sides)	
6	1	PCs	Picer nine	Galvanized steel pipes (Diameter 1,5 inch, 3 meters	
5	50	Meter	Pump cable	Pump Drop cable flexible cable 16mm	
4	1	PCs	Water level wire	Water level sensor for dry run protection + wire	
				Q=30L/min, H = 24 m and connect it with generator.	
3	1	pump	Electrical water pump	pump water from basin to elevated tank with	
		Water		quality Italian made or equivalent quality1 inch to	
				Supply and install electrical water pump (motor) good	
2		Roll	Polyethylene pipe	necessary fitting.	
	5			ground water tank inside the HF), the cost including	
	_			inch pipe as water pumping line (from the well to the	
				Supply and layout 400 meter of polyethylene pipe of 2-	
1	400	Meter	Excavation the trench	50cm, width 40cm include layout and buried of pipes.	
1	400	Meter	Excavation the trench	Labor cost for excavation the trench for pipeline depth	

5. Waternet system inside the HF.						
1	1	Roll	Polyethylene pipe	Supply and laid main pipeline with 2 inch Polyethylene pipe(90meter) from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE).		
2	100	Meter	PPR	Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE).		
3	1	Set	Internal network	Supply 3/4-inch PPR pipe connect water in different location inside clinic (8 room, latrines and handwashing facilities) the cost including tap in each location and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket.		
4	1	pcs	Tap stands	Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and soak away pit.		
5	10	pcs	hand washing basin	Supply materials and install marble hand washing basin in (8 rooms, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit). the cost including fitting, setting place, trench and soak away pit.		
6	6	pcs	Soak away pit	Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit which connect between soakaway and bathroom.		
Sub Total						
BoQ for Connect and improve of water supply system to Kalla Health Facility - Saraf Omrah Locality						
1.Pumping	1.Pumping system					
1	1	Job	Cleaning and surface preparation	Cleaning of the yard from the dissolved substances and cover the well by concrete slab.		

1	İ	1		Constructed to the transmitter of the construction of the construc	1	
2	1	PCS	Submersible pump	Supply and install submersible pump (Shakti marker) 2		
	4	D.II	B h li	inch, minimum Q= 10m3- 2.2 kw , H=25m3 ,3 phase.		
3	1	Roll	Pump cable	Pump Drop cable flexible cable 6mm		
4				Supply and install (ASTM)Steel heavy duty pipes		
	10	Pcs	Main rising pipe	(Diameter 2 inch, 3 meters long, threaded on both		
				sides)		
5	1	pcs	Water level wire	Water level sensor for dry run protection + wire.		
6	10	pcs	Solar panels (modules)	Provision and installation solar panel of 250 W capacity		
				Provision and installation of connection box		
			Connection Box	specification: support structure, ant- corrosion, bolted		
7	1	Pcs		type for all module needed, to with stand high wind		
				speed (40Km/h) the support fixed in 3 line of brick walls		
				sized 0.2mx0.2mx0.3m		
				Provision and installation of Switch Box: Our PS 4000 is		
			Switch Box	supply with ON/OF switch and Earth wire hole,		
8	1	pcs		diameter of 0.5mand length of 1m, piece of copper and		
				coal with salt.		
0	1	2242	Compared Chrosophores for Donale (mandelles)	Commant Characteria for monals madelles		
9	1	sets	Support Structure for Panels (modules)	Support Structure for panels modules.		
				Provision and installation of one set of wire kit, array to		
10	1	set	Wire kits	junction box, and from junction box to the switch and		
				sensor cable specification 4x6mm and 2x1.5mm		
11	1	Dee	Townia stine Kit	Provision and installation of termination kit for the		
11	1	Pcs	Termination Kit	drop cable.		
12	30	meter	Pump Security wire	Pump Security wire, Rust proof type with clamps.		
				Supply and connect 3-phase solar pump inventor of 3		
13	1	pcs	Invertor	kw capacity, Italian made or equivalent quality to		
				switch from DC to AC)/400 V		
14	1	Pcs	Steel Box	Steel Box for the Controller with lock.		
	Sub Total					
2.Pipe wor	2.Pipe works					
4			Claines	Supply and fix 2" GI pipes (6 meter) from the well to the		
1	3	PCs	GI pipes	plastic water tank		
		•			1	

1	I			Supply and fix 3" GI pipes from the plastic water tank to	1 1
2	2	امسا	GI pipes		
		ml		distribution point	
3		D.C.	non-return valve	Supply and install 2" non-return valve at the well outlet	
	1	PCs		including all necessary fittings	
				Supply and install 3" flow meter at the plastic tank	
4			Flow meter	including protection box and all the necessary fittings as	
	1	PCs		specified in the drawings	
5		PCs	Valve	Supply and install 2" valve at the well including all the	
	3			necessary fittings	
6			PCs Valve	Supply and fix 3" check valve at the plastic tank including	
U	1 PCs	PCs		all necessary fittings	
7		1 PCs	Outlet	Supply and fix 3" GI pipes (6 mater) outlet including all	
/	1		Outlet	necessary fittings	
0	1	water	Diantia water tanks	Curantu plactic victor tople (25 bound)	
8		tank	Plastic water tanks	Supply plastic water tank (25 barrel)	
	1	Tower		Supply materials and construct iron tower of 3 meter	
				high from heavy iron angle of 2 inch and 5mm thickness.	
				The tower should be 1 section 3meters high from angle	
9			Iron tower	2.5 inch with reinforce concrete (0.6*0.6*1.2) according	
				to water corporation specification and standard. The	
				cost including all reinforcement concrete foundation.	
			Sub Total		
3.Distribut	ion Point, Ca	rt filling St			
				Construction of two tap points with10 taps (3inch, 5mm)	
	1	Point		each using heavy duty and easy use taps, with separate	
1			Water tap points	fencing each ,2 control valves one for each tap point,	
				each tap point fixed to concert slap raised at 1.5m wall	
				with smooth concrete drainage system.	
				Supply and install 4" PVC drainage pipe at the	
	1	Point	Drainage point	distribution point and cart filling stand drainage pits. The	
2				price including all works necessary to complete the job	
				according to drawings.	
3	300	meter	Excavation the trench	Labor cost for excavation the trench for pipeline depth	
				50cm, width 40cm include layout and buried of pipes.	

ITT ELF/AE1/14327/2023 Improving Water Supply in 6 Health Facilities supported by GOAL – ND State

4. Protection fence for solar panels 1 22 job Excavation pit Excavation work for demission 40cm X 40cm *50cm 2 22 pcs Post pipe Supply 2inch iron angle thickness 2mm, length 2.5 m with Y shape as fence column. Supply material and construct the foundation, the foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall. 4 20 pcs Horizontal member Supply and weld iron bar 12, 4 mm as horizontal member to support fence structure. 5 4 Roll Gabon mish Supply and weld gabon mish size 10m *2m size 4mm, to be attached to posted pipe. 6 6 Roll Razor wire Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing. 7 1 pcs Iron Door Supply and install electrical water pump (motor) good quality (Italian made or equivalent quality 1 iron to	4	4	Roll	Polyethylene pipe	Supply and layout 300 meter of polyethylene pipe of 2-inch pipe as water pumping line (from the existing water tank to the ground water tank inside the HF), the cost including necessary fitting.	
1 22 job Excavation pit Excavation work for demission 40cm X 40cm *50cm 2 22 pcs Post pipe Supply 2inch iron angle thickness 2mm, length 2.5 m with Y shape as fence column. 3 22 PCs Foundation work Supply material and construct the foundation, the foundation should be 40cm *50cm using cement mortar for whole around the perimeter of wall. 4 20 pcs Horizontal member Supply and weld iron bar 12, 4 mm as horizontal member to support fence structure. 5 4 Roll Gabon mish Supply and weld gabon mish size 10m *2m size 4mm, to be attached to posted pipe. 6 6 Roll Razor wire Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing. 7 1 pcs Iron Door Supply and form iron door with proper lock system 1m* 2m. Sub total 5.Pumping system inside the HF				Sub To	otal	
2 22 pcs Post pipe Supply 2inch iron angle thickness 2mm, length 2.5 m with Y shape as fence column. 3 22 PCs Foundation work Supply material and construct the foundation, the foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall. 4 20 pcs Horizontal member Supply and weld iron bar 12, 4 mm as horizontal member to support fence structure. 5 4 Roll Gabon mish Supply and weld gabon mish size 10m*2m size 4mm, to be attached to posted pipe. 6 6 Roll Razor wire Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing. 7 1 pcs Iron Door Supply and form iron door with proper lock system 1m* 2m. Sub total 5.Pumping system inside the HF	4.Protecti	on fence for s	olar panels	5		
Supply material and construct the foundation, the foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall.	1	22	job	Excavation pit	Excavation work for demission 40cm X 40cm *50cm	
3 22 PCs Foundation work foundation should be 40cm*40 cm* 50cm using cement mortar for whole around the perimeter of wall.	2	22	pcs	Post pipe		
4 20 pcs Horizontal member member to support fence structure. 5 4 Roll Gabon mish Supply and weld gabon mish size 10m *2m size 4mm, to be attached to posted pipe. 6 6 Roll Razor wire Supply and fixed razor wire size (70cm) on top of the fence and around according attached to drawing. 7 1 pcs Iron Door Supply and form iron door with proper lock system 1m* 2m. Sub total 5.Pumping system inside the HF Supply and install electrical water pump (motor) good	3	22	PCs	Foundation work	foundation should be 40cm*40 cm* 50cm using	
to be attached to posted pipe. 6	4	20	pcs	Horizontal member		
fence and around according attached to drawing. 7 1 pcs Iron Door Sub total Supply and form iron door with proper lock system 1m* 2m. Sub total Supply and install electrical water pump (motor) good	5	4	Roll	Gabon mish	• • • • • • • • • • • • • • • • • • • •	
7 1 pcs Iron Door 2m. Sub total 5.Pumping system inside the HF Supply and install electrical water pump (motor) good	6	6	Roll	Razor wire		
5.Pumping system inside the HF Supply and install electrical water pump (motor) good	7	1	pcs	Iron Door		
Supply and install electrical water pump (motor) good		•			Sub total	
	5.Pumping	g system insid	de the HF			
1 1 pump Electrical water pump pump water from basin to elevated tank with Q=30L/min, H = 24 m and connect it with generator.	1	1	Water pump	Electrical water pump	quality (Italian made or equivalent quality) 1 inch to pump water from basin to elevated tank with	
2 1 PCs Water level wire Water level sensor for dry run protection + wire	2	1	PCs	Water level wire	Water level sensor for dry run protection + wire	
3 50 Meter Pump cable Pump Drop cable flexible cable 16mm	3	50	Meter	Pump cable	Pump Drop cable flexible cable 16mm	
4 1 PCs Riser pipe Galvanized steel pipes (Diameter 1,5 inch, 3 meters long, threaded on both sides)	4	1	PCs	Riser pipe		
5 1 Pcs Motor box Supply and install motor box (50cm*60cm)	5	1	Pcs	Motor box	Supply and install motor box (50cm*60cm)	
6 1 PCs Download valve Supply and install download valve (25cm*25cm*25cm)	6	1	PCs	Download valve	Supply and install download valve (25cm*25cm*25cm)	
Sub Total				Sub To	otal	
6.Tower of the elevated tank installation inside the HF	6.Tower o	f the elevated	d tank insta	Illation inside the HF		

ITT ELF/AE1/14327/2023 Improving Water Supply in 6 Health Facilities supported by GOAL – ND State

Supply materials for manufacturing and install elevated water storage tank by iron sheet (mild steel plates size 3 mm for ground, sides and roof), size 6,000L (6m3), 2°1.5°2m, the tower should be 1 section 3 meters high from angle 2.5 inch with reinforce concrete (0.6°0.6°1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation 2 1 Ground and Supply materials and building ground basin 2°2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2.4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. **T.Waternet system inside the HF.** 1 1 Roll Polyethylene pipe Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). 2 50 Meter PPR Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including to each locations and dosh shower with at least 58 tap and hand washing facilities in each room) AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and soak away pit.	i	Ī	ī	ITT ELF/AE1/14527/2025 IIIIprovilig wate	er Supply in 6 Health Facilities supported by GOAL – ND State	1 ,
Elevated tank Elevated tanks Tower Elevated tanks Tower Elevated tank Elevated tanks Tower anks the televated to a specification and standard. Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room) AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trenc					• • • •	
Elevated tanks Tower Elevated tanks Town, using each polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Elevated tanks Town, and the sear St are provided to socket. Elevated tanks Tower with at least St ap and handwashing facilities) the cost including tap in each locations and dosh shower with at least St ap and handwashing facilities in each room, Abn Supply and iaid 2 inch PVC pripe from hand washing from inside the rooms to outside as waste water network and connected to socket. Ele						
from angle 2.5 inch with reinforce concrete (0.6*0.6*1.2) according to water corporation specification and standard. The cost including all reinforcement concrete foundation Supply materials and diding ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. Sub Total 7.Waternet system inside the HF. 1 1 Roll Polyethylene pipe Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic on, and the supplementation and dosh shower with at least St ap and hand washing facilities) the cost including tap in each locations and dosh shower with at least St ap and hand washing facilities in each room).AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water bovork and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and				vated Flourated tanks Tower		
tank trom angle 2.5 inch with reinforce concrete (0.6.5*0.12) according to water corporation specification and standard. The cost including all reinforcement concrete foundation Commonship Com	1	1	Elevated			
specification and standard. The cost including all reinforcement concrete foundation Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost including the casing concrete cover of the basin, skiness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. **Sub Total** 7. **Waternet system inside the HF.** 1		_	tank	Lievated talks Tower	-	
reinforcement concrete foundation Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. Sub Total 7.Waternet system inside the HF. 1					· · · · · · · · · · · · · · · · · · ·	
Supply materials and building ground basin 2*2m, 3m depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost including the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. Sub Total					,	
depth by bricks and concrete, with storage capacity 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. Table						
2 1 Ground tank Ground water tank 12,000 L (12m3) the cost include the casing concrete cover of the basin, sickness 10 cm, using cement mortar 12.24 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. 7.Waternet system inside the HF. Sub Total 7.Waternet system inside the HF. Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities in each room), AND supply and laid 2 inch PVC pipe from hand washing facilities in each room), AND supply and laid 2 inch PVC pipe from hand washer on side the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and					11,	
Cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard.					• • • • • • • • • • • • • • • • • • • •	
Cover of the basin, sickness 10 cm, using cement mortar 1:2:4 and reber 12mm, 15 cm C/C according to water corporation specifications and standard. Time	2	1	Ground	Ground water tank	12,000 L (12m3) the cost include the casing concrete	
Sub Total		_	tank	Ground water tank		
7.Waternet system inside the HF. 1 1 Roll Polyethylene pipe Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room).AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and						
7. Waternet system inside the HF. 1					water corporation specifications and standard.	
Supply and laid main pipeline with 2 inch Polyethylene pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 2 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and	Sub Total					
pipe from the ground tank to the elevated water tank. The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and	7.Waterne	t system insi	de the HF.			
The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room).AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and					Supply and laid main pipeline with 2 inch Polyethylene	
The cost including any necessary fitting like valve, and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply and laid 1 inc PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room).AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and	4	4	Roll	Polyethylene pipe	pipe from the ground tank to the elevated water tank.	
Supply and laid 1 inch PPR from the main pipeline to internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and	1	1			The cost including any necessary fitting like valve, and	
2 50 Meter PPR internal network for the health facility building. The cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and					others (COUPLING, SOCKET, UNION, ELBOW, TEE).	
2 50 Meter PPR cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and					Supply and laid 1 inch PPR from the main pipeline to	
Cost including any necessary fitting like valve and others (COUPLING, SOCKET, UNION, ELBOW, TEE). Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 4 1 pcs Tap stands taps, the cost including setting place and trench and	2	F0	50 Meter PPR	DDD	internal network for the health facility building. The	
Supply 3/4-inch PPR pipe connect water in different location inside clinic (4 room, latrines and handwashing facilities) the cost including tap in each locations and dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and	2	50		cost including any necessary fitting like valve and		
Set Internal network Set Internal network Inte						others (COUPLING, SOCKET, UNION, ELBOW, TEE).
Set Internal network Set Internal network Inte					Supply 3/4-inch PPR pipe connect water in different	
3 1 Set Internal network dosh shower with at least 58 tap and hand washing facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and					location inside clinic (4 room, latrines and handwashing	
facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and					facilities) the cost including tap in each locations and	
facilities in each room). AND supply and laid 2 inch PVC pipe from hand washing from inside the rooms to outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 4 1 pcs Tap stands taps, the cost including setting place and trench and	2	1	Sot	Internal network	dosh shower with at least 58 tap and hand washing	
outside as waste water network and connected to socket. Supply materials and build tap stand (Wedia) with 4 taps, the cost including setting place and trench and	3	1	Set	Internal network	facilities in each room).AND supply and laid 2 inch PVC	
socket. Supply materials and build tap stand (Wedia) with 4 1 pcs Tap stands taps, the cost including setting place and trench and					pipe from hand washing from inside the rooms to	
Supply materials and build tap stand (Wedia) with 4 4 1 pcs Tap stands taps, the cost including setting place and trench and						
4 1 pcs Tap stands taps, the cost including setting place and trench and					socket.	
					Supply materials and build tap stand (Wedia) with 4	
soak away pit.	4	1	pcs	Tap stands	taps, the cost including setting place and trench and	
					soak away pit.	

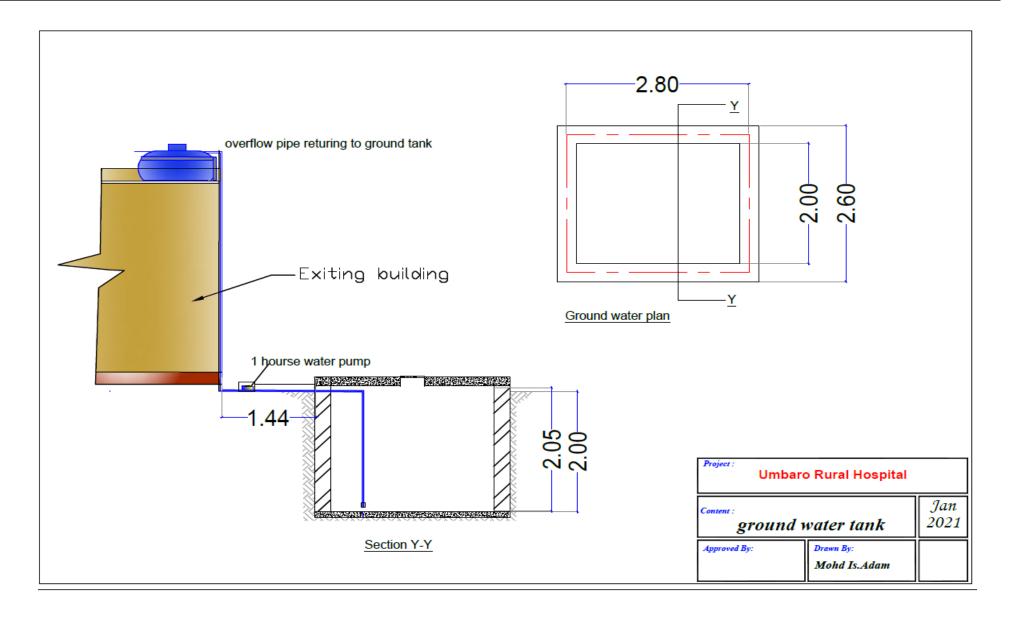
ITT ELF/AE1/14327/2023 Improving Water Supply in 6 Health Facilities supported by GOAL – ND State

5	6	pcs	hand washing basin Soak away pit	Supply materials and install marble hand washing basin in (4 rooms, latrine, 1 in the front of the main building) and connect it with 8 taps with all necessary (connect it by suck away pit).the cost including fitting, setting place, trench and soak away pit. Digging pit 2m diameter and 2.5-meter depth. The cost including supply broken bricks to fill the hole and pit		
			Suh	which connect between soakaway and bathroom. Total		
				Saraf Umra locality		
				,		
			Total for 6 HFs in Umbaro, K	Cutum & Saraf Umra localities		
			Contractor Name:		VAT17%	
					Transportation Cost	
			Signature and Stamp:		Insurance cost	
					Other Taxes and Fees (if any)	
			Date:		Discount (If any)	
Grand Total						

Please complete and sign the work completion schedule.

	Description			Month 1			Month 2			
Item	Description	Duration	1	2	3	4	1	2	3	4
1	Supply of all required materials to the site per BOQ.									
2	Complete all required work in Saraf Omrah locality according to the BOQ.									
3	Complete all required work in Kutum locality according to the BOQ.									
4	Complete all required work in Umbaru locality according to the BOQ.									
5	Clean the site and handover the project.									
	Vendor Name:									

Vendor Name:	
Contact:	
Signature:	
Date:	



Page **41** of **54**

APPENDIX 6 — PAYMENT SCHEDULE

Payment Stage	Eligibility / Description	Percentage of work completion	Percentage of payment	Payment Amount in USD
1st Payment	Upon completion of 30% of works which include (supply of all required materials to the site per BOQ.) and certified by GOAL engineer.	30 %	30% of the contract value.	
2nd Payment	Upon substantial completion of overall works at all sites which including Complete all works of Installing and operation the system for all Sites) certified by GOAL engineer.	100%	60% of the contract value.	
3rd Payment (Retention amount).	Defect liability retention-to be paid after one month from handing over primary works and ensuring absence of any defects as certified by GOAL engineer	100 %	10% of the contract value.	
Total	I		100%	

Please confirm your agreement with the above payment terms by signing & stamping below or propose an alternative scheme:

Signed:	
Print name:	Position:
Company Name:	Date:
Address:	

All parties wishing to submit a bid for the above works must complete the below questionnaire in full and return with their bid.

No.	Question	Answer	
	Administrative Evaluation		
1.	Have you provided valid company registration document with your offer?	YES	NO
2.	Have you provided valid tax registration number/certificate?	YES	NO
3.	In what year was the company established?		
4.	Do you accept payment by bank transfer	YES	NO
5.	Confirm the offer submitted is valid for 90 days from date of submission	YES	NO
6.	Offer currency in USD?	YES	NO
7.	Have you submitted company bank statements for the last 6 months?	YES	NO
8.	Is the Bill of Quantities submitted with your offer – filled in completely , signed and stamped?	YES	NO
9.	Is the work schedule submitted with your offer filled in, signed, and stamped?	YES	NO
10.	Are the technical drawings signed & stamped by your company & returned with bid?	YES	NO
11.	Have you submitted GOAL Terms & conditions & supplier code of conduct (at bottom of ITT document – signed and stamped with your offer?	YES	NO
12.	Technical Evaluation		
13.	Please list all on-going works contracts that you are currently working on. Answer Format - Name of customer - type of work involved	 2. 3. 	
		4.	
14.	Please list all projects which you have undertaken that are similar to the works to be carried out under this contract.	1.	
		2.	
	Answer format:		
	Name of customer – Type of work involved.	3.	
	Please attach proof of these works – contract, completion certificate etc.	4.	
		5.	
15.	Have you submitted at least two references in APPENDIX 1 who can be contacted by GOAL to verify your past performance	YES	NO

Length of warranty

Please indicate warranty length (in years) for the electrical equipment	
installed.	
Answer format:	
Please type the number of years of warranty.	

Signature & Stamp:

APPENDIX 8 - GOAL TERMS AND CONDITIONS



TERMS AND CONDITIONS FOR CONTRACTS FOR PROCUREMENT OF SERVICES AND WORKS

1. SCOPE AND APPLICABILITY

These Terms and Conditions of Contract apply to all provisions of works and services made to GOAL notwithstanding any conflicting, contrary or additional terms and conditions in any other communication from the service provider/contractor. No such conflicting, contrary or additional terms and conditions shall be deemed accepted by us unless and until we expressly confirm our acceptance in writing.

LEGAL STATUS

The service provider/contractor shall be considered as having the legal status of an independent contractor vis-à-vis GOAL. The service provider/contractor, its personnel and sub-contractors shall not be considered in any respect as being the employees of GOAL. The service provider/contractor shall be fully responsible for all work and services performed by its employees, and for all acts and omissions of such employees.

3. SUB-CONTRACTING

In the event the Service provider/contractor requires the services of a sub-contractor, the Service provider/contractor shall obtain the prior written approval of GOAL for all sub-contractors. The Service provider/contractor shall be fully responsible for all work and services performed by its sub-contractors and service provider/contractors, and for all acts and omissions of such sub-contractors and service provider/contractors. The approval of GOAL of a sub-contractor shall not relieve the Service provider/contractor of any of its obligations under this Contract. The terms of any sub-contract shall be subject to and conform with the provisions of this Contract.

4. ASSIGNMENT OF PERSONNEL

The Service provider/contractor shall not assign any persons other than those accepted by GOAL for work performed under this Contract.

5. OBLIGATIONS

The service provider/contractor shall neither seek nor accept instructions relating to this contract from any authority external to GOAL Service providers/contractors may not communicate at any time to any other person, government or authority external to GOAL, any information known to them by reason of their association with GOAL which has not been made public, except in the course of their duties or by authorization of GOAL: nor shall the service provider/contractor at any time use such information to private advantage. The Service provider/contractor shall refrain from any action that may adversely affect GOAL and shall fulfil its commitments with the fullest regard to the interests of GOAL. These obligations do not lapse upon termination/expiration of their agreement with GOAL.

6. SERVICE PROVIDER/CONTRACTOR'S RESPONSIBILITY FOR EMPLOYEES

The Service provider/contractor shall be responsible for the professional and technical competence of its employees and will select, for work under this Contract, reliable individuals who will perform effectively in the implementation of this Contract, respect the local customs, and conform to a high standard of moral and ethical conduct. reason of any other claim or demand against the Service provider/contractor.

7. ACCEPTANCE AND ACKNOWLEDGEMENT

Initiation of service or works under this contract by the service provider/contractor shall constitute acceptance of the contract, including all terms and conditions herein contained or otherwise incorporated by reference.

8. WARRANTY

The Services performed warrants upon delivery and for a period of twelve (12) months from the date of completion of the services provided/works completed under this Contract will conform in all aspects to the service and applicable standards specified for such services and any goods or equipment provided as part of the contract and will be free from material defects in workmanship, material and design under normal use. The warranty does not cover damage resulting from misuse, negligent handling, lack of reasonable maintenance and care, accident or abuse by anyone other than the Service provider/contractor.

The Service provider/contractor warrants the services/construction furnished under this Contract conforms to the specifications and to be free from damage and defects in workmanship or materials. This warranty is without prejudice to any further guarantees that the service provider/contractor provides to purchasers. Such guarantees shall apply to the services and works subject to this Contract.

9. CHECKS AND AUDIT

The Service provider/contractor shall allow any external auditor authorised by GOAL to verify, by examining the documents and to make copies thereof or by means of on-the-spot checks of original documents, the implementation of the contract and conduct a full audit, if necessary, on the basis of supporting documents for the accounts, accounting documents and any other document relevant to the financing of the project. The

Service provider/contractor shall ensure that on-the-spot access is available at all reasonable times. The Service provider/contractor shall ensure that the information is readily available at the moment of the audit and if so requested, that the data be handed over in an appropriate form. These inspections may take place up to 7 years after the final payment.

Furthermore, the Service provider/contractor shall allow any external auditor authorised by GOAL carrying out verifications as required to carry out checks and verification on the spot in accordance with the procedures set out by the donor or in the European Union legislation for the protection of the financial interests of the European Union against fraud and other irregularities.

To this end, the Service provider/contractor undertakes to give appropriate access to any external auditor authorised by GOAL carrying out verifications as required to the sites and locations at which the project is implemented, including its information systems, as well as all documents and databases concerning the technical and financial management of the action and to take all steps to facilitate their work. Access given to agents of any external auditor authorised by GOAL carrying out verifications shall be on the basis of confidentiality with respect to third parties, without prejudice to the obligations of public law to which they are subject. Documents must be easily accessible and filed so as to facilitate their examination and the Service provider/contractor must inform GOAL of their precise location.

The Service provider/contractor guarantees that the rights of any external auditor authorised by the GOAL carrying out verifications as required to carry out audits, checks and verification shall be equally applicable, under the same conditions and according to the same rules as those set out in this Article, to the Service provider/contractor's partners, and subcontractors. Where a partner or subcontractor is an international organisation, any verification agreement concluded between such organisation and the donor applies.

GOAL, its donors or any of their duly authorized representatives, shall have access to any books, documents, papers, and records of the service provider/contractor which are directly pertinent to the specific program for the purpose of making audits, examinations, excerpts and transcriptions.

10. RULE OF ORIGIN AND NATIONALITY

If any rules of origin and nationality are applicable due to donor requirements, limiting the eligible countries for goods, legal and natural persons, such rules shall be stated or referred to in the contract document. In such instances the service provider/contractor must adhere to these rules and be able to document and certify the origin of goods and nationality of legal and natural persons as required.

Failure to comply with this obligation shall lead, after formal notice, to termination of the contract, and GOAL is entitled to recover any loss from the service provider/contractor and is not obliged to make any further payments to the service provider/contractor

11. INSPECTION

The duly accredited representatives of GOAL <u>or the donor</u> shall have the right to inspect the works goods called for under this Contract at Service provider/contractor's stores, during manufacture, in the ports or places of shipment, and the Service provider/contractor shall provide all facilitates for such inspection. GOAL may issue a written waiver of inspection at its discretion. Any inspection carried out by representatives of GOAL <u>or the donor</u> or any waiver thereof shall not prejudice the implementation of the other relevant provisions of this Contract concerning obligations subscribed by the Service provider/contractor, such as warranty or specifications.

12. FORCE MAJEURE

Force Majeure shall mean Acts of God, strikes, lockouts, discontinuation or termination of donor funding, laws or regulations of operating country, industrial disturbances, acts of the public enemy, civil disturbances, act of war (whether declared or not), explosions blockades, insurrection, riots, epidemics, landslides, earthquakes, storms, lightning, floods, washouts, civil disturbances, and any other similar unforeseeable events which are beyond the parties' control and cannot be overcome by due diligence.

In the event of and as soon as possible and no later than fifteen (15) days after the occurrence of any cause constituting Force Majeure, the Service provider/contractor shall give notice and full particulars in writing to GOAL of such occurrence or change if the Service provider/contractor is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under this Contract. The Service provider/contractor shall also notify GOAL of any other changes in conditions or the occurrence of any event that interferes or threatens to interfere with its performance of this Contract. On receipt of the notice required under this article, GOAL shall take such action as, in its sole discretion, it considers to be appropriate or necessary in the circumstances, including the granting to the Service provider/contractor of a reasonable extension of time in which to perform its obligations under this Contract, or termination of the Contract if any delay will force an extension to the delivery schedule.

Notwithstanding anything to the contrary in this Contract, the Service provider/contractor recognizes that the work and services may be performed under harsh or hostile conditions caused by civil unrest. Consequently, delays or failure to perform caused by events arising out of, or in connection with, such civil unrest shall not, in itself, constitute Force Majeure under this contract.

13. <u>DEFAULT</u>

In case the contractor fails to comply with any term of the Contract, including but not limited to failure or refusal to perform the service/works within the time limit specified, they shall be liable for all damages sustained by GOAL, and GOAL may procure the service/works from other sources and hold the contractor responsible for any excess cost occasioned thereby. GOAL may collect damages from the contractor in lieu of purchasing the service/works from other sources. GOAL may by written notice terminate the right of the contractor to proceed with the contract or such part or parts thereof as to which there has been default, or if any service delivery is late, GOAL may cancel such part or the entire Contract.

14. <u>REJECTION</u>

In the case of services performed on the basis of specifications, outcome, pilot or combination thereof, GOAL shall have the right to reject the services or any part thereof if they do not conform with the terms of the Contract in the opinion of GOAL or is not performed or delivered in due

time.

When the services or works or any part thereof have been rejected, GOAL shall have the right, without prejudice to the provisions of Article 9, to demand from the Service provider/contractor the immediate re-performance or delivery of acceptable services or works in replacement thereof in accordance with the contract or to purchase other similar services or works elsewhere and to claim from the Service provider/contractor the amount of loss or damages sustained by reason of the default.

Goods or any other part of any works or services, including any built structure thereof in GOAL's possession or at a GOAL programme site which have been rejected by GOAL must be removed or destroyed and removed at the Service provider/contractor's expense within such period as GOAL may specify in its notice of rejection.

After such notice has been dispatched to the Service provider/contractor, the Goods or any other part of any works or services, including any built structure thereof will be held at the latter's risk. Should the Service provider/contractor fail to remove the goods, part of any works or services or built structure as required by the notice of rejection, GOAL may dispose of them, without any liability to the Service provider/contractor whatsoever, in such manner as it deems fit and may charge the cost of removal to the Service provider/contractor.

15. AMENDMENTS

No change in or modification of this Contract shall be made except by prior agreement between GOAL and the Service provider/contractor.

16. ASSIGNMENTS & INSOLVENCY

The Service provider/contractor shall not assign, transfer, pledge or make other disposition of this Contract or any part thereof or of any of the Service provider/contractor's rights, claims or obligations under this Contract except with the prior written consent of GOAL.

Should the Service provider/contractor become insolvent or should control of the Service provider/contractor change by virtue of insolvency, GOAL may without prejudice to any other rights or remedies, terminate this Contract by giving the Service provider/contractor written notice of termination.

17. PAYMENT

The Service provider/contractor shall invoice GOAL and the terms of payment shall be thirty (30) working days after GOAL has internally confirmed acceptance of services/works and presentation of a legal invoice.

18. ANTI-BRIBERY/CORRUPTION

The Service provider/contractor shall comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the UK Bribery Act 2010 and the United States Foreign Corrupt Practices Act 1977 ("Relevant Requirements").

The Service provider/contractor shall have and maintain in place throughout the term of any contract with GOAL its own policies and procedures to ensure compliance with the Relevant Requirements.

No monies are payable to GOAL by the Service provider/contractor in association with the execution of this contract. If the Service provider/contractor is approached by a GOAL member of staff for a payment, commission, 'kickback' or associated payment or any other advantage of any kind, they are obliged to report the request or payment directly to GOAL's Country Director within thirty-six hours. Failure to report any request for payment by a GOAL member of staff or actual payment by the Service provider/contractor to a GOAL member of staff to the GOAL Country Director shall result in the immediate termination of any contract and may result in disqualification of the Service provider/contractor from participation in future contracts with GOAL.

19. ANTI-PERSONNEL MINES

The Service provider/contractor guarantees that it is not engaged in the sale or manufacture, either directly or indirectly, of anti-personnel mines or any components produced primarily for the operation thereof. Any breach of this representation and warranty shall entitle GOAL to terminate this Contract immediately upon notice to the Service provider/contractor, at no cost to GOAL.

20. ETHICAL PROCUREMENT AND PROCUREMENT PRACTICE

The Service provider/contractor represents and warrants that neither it, nor any of its service provider/contractors is engaged in any practice inconsistent with the following code of conduct for service provider/contractors: Employment is freely chosen, freedom of association and the right to collective bargaining are respected, working conditions are safe and hygienic, no child labour/protection of children is ensured, living wages are paid, working hours are not excessive, no discrimination is practiced, regular employment is provided, no harsh or inhumane treatment is allowed, any harm to the environment shall be avoided or limited. Any breach of this representation and warranty shall entitle GOAL to terminate this Contract immediately upon notice to the Service provider/contractor, at no cost to GOAL. The service provider/contractor must adhere to the principles of humanitarian aid.

21. OFFICIALS NOT TO BENEFIT

The Service provider/contractor warrants that no official of GOAL has received or will be offered by the Service provider/contractor any direct or indirect benefit arising from this Contract or the award thereof. The Service provider/contractor will notify GOAL immediately in case any official from GOAL requests any unofficial, or additional payment, or gift to their personal account. The Service provider/contractor agrees that breach of this provision is a breach of an essential term of this Contract.

22. PRIOR NEGOTIATIONS SUPERSEDED BY CONTRACT

This Contract supersedes all communications, representations, arrangements, negotiations, requests for proposals and proposals related to the

subject matter of this Contract.

23. INTELLECTUAL PROPERTY INFRINGEMENT

The Service provider/contractor warrants that the use or supply by GOAL of the services sold under this Contract does not infringe on any patent, design, trade-name or trade-mark.

In addition, the Service provider/contractor shall, pursuant to this warranty, indemnify, defend and hold GOAL harmless from any actions or claims brought against GOAL pertaining to the alleged infringement of a patent, design, trade-name or trade-mark arising in connection with the goods sold under this Contract.

All maps, drawings, photographs, plans, reports, recommendations, estimates, documents and all other data compiled by or received by the Service provider/contractor under this Contract shall be the property of GOAL, and shall be treated as confidential and shall be delivered only to GOALs authorized officials on completion of work under this Contract

Unless authorised in writing by GOAL, the Service provider/contractor shall not advertise or otherwise make public the fact that he is a Service provider/contractor to GOAL or use the name, emblem or official seal of GOAL or any abbreviation of the name of GOAL for advertising purposes or for any other purposes.

24. TITLE RIGHTS

GOAL shall be entitled to all property rights including but not limited to patents, copyrights and trademarks, with regard to material which bears a direct relation to, or is made in consequence of, the services provided to the organisation by the Service provider/contractor. At the request of GOAL, the Service provider/contractor shall take all necessary steps, execute all necessary documents and generally assist in securing such property rights transferring them to the organisation in compliance with the requirements of the applicable law.

Title to any equipment and supplies which may be furnished by GOAL and any such equipment shall be returned to GOAL at the conclusion of this Contract or when no longer needed by the Service provider/contractor. Such equipment, when returned to GOAL, shall be in the same condition as when delivered to the Service provider/contractor, subject to normal wear and tear.

25. TITLE TO EQUIPMENT

Title to any equipment and supplies that may be furnished by GOAL shall rest with GOAL and any such equipment shall be returned to GOAL at the conclusion of this Contract or when no longer needed by the Service provider/contractor. Such equipment, when returned to GOAL, shall be in the same condition as when delivered to the Service provider/contractor, subject to normal wear and tear. The Service provider/contractor shall be liable to compensate GOAL for equipment determined to be damaged or degraded beyond normal wear and tear.

26. PACKING

The Service provider/contractor shall pack any goods with new, sound materials and with every care, in accordance with the normal commercial standards of export packing for the type of goods specified herein. Such packing materials used must be adequate to safeguard the goods while in transit. The Service provider/contractor shall be responsible for any damage or loss that can be shown to have resulted from faulty or inadequate packing.

27. SHIPMENT AND DELIVERY

All services and works shall be delivered at the agreed place of delivery as stated in the Contract, at the Service provider/contractor's risk, unless otherwise provided for in the Contract.

28. <u>INSURANCE</u>

The service provider/contractor shall provide and thereafter maintain for the duration of this contract and any extension thereof all appropriate workmen's compensation insurance or its equivalent with respect to its employees to cover claims for personal injury and death in connection with this contract. The service provider/contractor shall, upon request, furnish proof to the satisfaction of the GOAL, of such liability insurance. The service provider/contractor shall further provide such health and medical insurance for its agents and employees, as the service provider/contractor may consider advisable. The service provider will in all cases ensure they have third party liability cover for the duration of the contract.

29. INDEMNIFICATION

The Supplier agrees to indemnify, hold and save GOAL harmless and defend at its own expense GOAL, its officers, agents and employees from and against all suits, claims, demands and liability of whatever nature or kind, including costs and expenses thereof and liability arising there from, with respect to, arising from or attributable to acts or omissions of the Supplier or its employees or sub-contractors in or relating to the performance of this Contract. This provision shall extend to, but shall not be limited to, product liability claims.

GOAL will promptly notify the Supplier of any such suit, claim, proceeding, demand or liability within a reasonable period of time after having received written notice thereof, and will reasonably cooperate with the Supplier, at the Supplier's expense, in the investigation, defence or settlement thereof, subject to the privileges and immunities of GOAL.

The Supplier shall not permit any lien, attachment or other encumbrance by any person or entity to remain on file in any public or official office or on file with GOAL against any monies due or to become due for any work done or materials furnished under this Contract, or by reason of any other claim or demand against the Supplier.

30. TERMINATION OF CONTRACT

Either party may cancel this Contract before the expiry date of the Contract by giving notice in writing to the other party. The period of notice shall be 5 days in the case of contracts with a total period of less than two months or 14 days in the case of contracts with a longer period.

In the event of the Contract being terminated prior to its due expiry date in this way, the Service provider/contractor shall be compensated on a pro rata basis for no more than the actual amount of work performed to the satisfaction of GOAL. Additional costs incurred by GOAL resulting from the termination of the Contract by the Service provider/contractor may be withheld from any amount otherwise due to the Service provider/contractor from GOAL.

This contract shall be automatically terminated, and the Service provider/contractor shall have no right to any form of compensation, if it emerges that the award or execution of the contract has given rise to unusual commercial expenses.

Such unusual commercial expenses are commissions not mentioned in the main contract or not stemming from a properly concluded contract referring to the main contract, commissions not paid in return for any actual and legitimate service, commissions remitted to a tax haven, commissions paid to a recipient who is not clearly identified or commissions paid to a company which has every appearance of being a front company

GOAL reserves the right to withhold payments while any investigation is taking place into suspected wrongdoing or breaches of policy. GOAL reserves the right to make no payment of sums due (even when goods or services have been supplied), in instances where wrongdoing is present.

31. DATA PROTECTION

The service provider/contractor hereby acknowledges that it shall comply with all applicable requirements of The General Data Protection Regulation (EU 2016/679); The Data Protection Acts 1988-2018; and The E-Privacy Directive 2002/58/EC, as amended from time to time (the "Data Protection Legislation") should Personal Data be accessed, viewed or in any way Processed by the Supplier. If during the term of the Contract it is contemplated that the Supplier will Process Personal Data, the Supplier shall only engage in such Processing where a data processing agreement has been put in place. GOAL reserves the right to rescind any Contract should the Supplier's data protection and security procedures be considered (in GOAL's sole opinion) non-compliant with the Data Protection Legislation. Defined terms in this clause 31 will have the meaning set out in the Data Protection Legislation as defined above.

32. CONFIDENTIALITY

The Supplier shall not advertise or otherwise make public the fact that he is a Supplier to GOAL without specific approval from GOAL. Nor shall the Supplier in any manner whatsoever use the name of GOAL, or any abbreviation thereof, in connection with his business or otherwise. Non-observance of these conditions shall entitle GOAL to cancel the Contract, or any part thereof, and to hold the Supplier liable for any damages which GOAL has sustained as a result thereof.

33. <u>DISPUTES - ARBITRATION</u>

Any claim or controversy arising out of or relating to this or any contract resulting here from, or to the breach, termination or invalidity thereof, shall be, unless settled amicably through negotiation, submitted to arbitration in accordance with Irish law.

34. <u>SETTLEMENT OF DISPUTES</u>

The parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of or in connection with this Contract including any disputes regarding the existence, validity or termination. Where the parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place in accordance with the UNCITRAL Conciliation Rules then obtaining, or according to such other procedure as may be agreed between the parties.

Unless, any such dispute, controversy or claim between the parties arising out of or relating to this Contract or the breach, existence, termination or invalidity thereof is settled amicably under the preceding paragraph of this article within sixty (60) days after receipt by one party of the other party's request for such amicable settlement, such dispute, controversy or claim shall be referred by either party to arbitration in accordance with the UNCITRAL Arbitration rules as at present in force, including its provision on applicable law. The place of arbitration shall be Ireland and the language to be used in the proceedings shall be English. The arbitral tribunal shall have no authority to award punitive damages. In addition, unless otherwise expressly provided in this Contract, the arbitral tribunal shall also have no authority to award interest. The parties shall be bound by any arbitration award rendered as a result of such arbitration and as being the final adjudication of any such dispute, controversy or claim.

35. WITHHOLDING TAX

GOAL reserves the right to deduct withholding tax from the service provider/contractor's invoice if so required by law. This will apply unless the service provider/contractor has supplied in advance the required documentation proving its exemption from withholding tax (e.g. withholding tax exemption certificate).

36. GOVERNING LAW AND JURISDICTION

These Terms and Conditions shall be governed by the laws of Ireland and subject to the exclusive jurisdiction of the Irish Courts.

37. BANK GUARANTEE

When specifically requested by GOAL, a bank guarantee from a well reputed bank acceptable to GOAL in the currency in which the Contract is payable and for an amount to be prescribed by GOAL shall be obtained by the Service provider/contractor at his expense and deposited with GOAL before start of the Contract. In the event of any loss, damage and/or extra costs incurred by GOAL by reason of the Service provider/contractor's

ITT G/S/ELF/AE1/14327/2023 Improving water supply in 6 health facilities supported by GOAL - ND State

default, negligence or failure to perform the terms and conditions of the Contract or any part thereof, that part of any such loss, damage and/or extra costs which is represented by the full or by any lesser amount of such guarantee shall be immediately and initially reimbursable to GOAL from such guarantee without prejudice to its right to hold the Service provider/contractor liable for the full amount of such loss, damage and/or extra cost. The guarantee shall be valid for a period of not less than 30 days after the services or works are confirmed as concluded by GOAL.

38. ENVIRONMENTAL STANDARDS

Service provider/contractors should as a minimum, comply with all statutory and other legal requirements relating to environmental impacts of their business. Areas which should be considered are:

- Waste Management
- Packaging and Paper
- Conservation
- Energy Use
- Sustainability

39. HUMAN TRAFFICKING

GOAL has adopted a policy supporting the prohibition of trafficking in persons including the trafficking-related activities for any purpose, including the use of forced labour. Service providers/contractors and their employees, and agents shall not: —

- · Engage in severe forms of trafficking in persons during the period of performance of the contract;
- Procure commercial sex acts during the period of performance of the contract;
- Use forced labor in the performance of the contract;
- Destroy, conceal, confiscate, or otherwise deny access by an employee to the employee's identity or immigration documents, such as
 passports or drivers' licenses, regardless of issuing authority;
- Use misleading or fraudulent practices during the recruitment of employees or offering of employment, such as failing to disclose, in a format
 and language accessible to the worker, basic information or making material misrepresentations during the recruitment of employees
 regarding the key terms and conditions of employment, including wages and fringe benefits, the location of work, the living conditions,
 housing and associated costs (if employer or agent provided or arranged), any significant cost to be charged to the employee, and, if
 applicable, the hazardous nature of the work

Should the Service provider/contractor become aware of, or suspect, human trafficking activities during the execution of the contract the Contractor must immediately inform GOAL to enable appropriate action to be taken.

In respect to any contract funded by the UK Government the Service provider/contractor is expected to be familiar with the terms of the UK Modern-Slavery Act 2015, and to abide by the conditions of the Act.

Signed:	
Print name:	Position:
Company Name:	Date:
Address:	

APPENDIX 9 - CODE OF CONDUCT

Supplier Code of Conduct

In this Supplier Code of Conduct, reference to GOAL will include reference to GOAL in Ireland, GOAL (International) in the UK, GOAL US Fund in the US and all GOAL branches and/or liaison offices, as well as other entities established in programme countries from time to time (together, hereinafter referred to as "GOAL"). This Supplier Code of Conduct should be read in conjunction with the relevant contract entered between the Supplier and GOAL ("Contract"), GOAL's Terms and Conditions for Contracts for Procurement of Goods or Services (as applicable), and any other GOAL policy which GOAL may send the Supplier from time to time during the Contract.

Each supplier of GOAL ("Supplier") is expected to comply with the following Supplier Code of Conduct and is responsible for requiring its employees and any subsidiary, subcontractor and any other third party that the Supplier may use to carry out its obligations under a contract entered into with GOAL (together, "Third Parties") to abide by this Supplier Code of Conduct, and to provide a copy of this Supplier Code of Conduct to those entities and individuals.

The Supplier Code of Conduct applies to all Suppliers who are requested by GOAL to sign it and all Third Parties who must confirm that they uphold its standards as far as applicable to their status. GOAL recognizes that reaching some of the standards in this Supplier Code of Conduct is a dynamic, continuous process and encourages Suppliers to continually improve their workplace conditions and ensure they have adequate systems and controls in place to monitor Third Parties to ensure compliance with this Supplier Code of Conduct. In line with the size and nature of their business, GOAL expects the Supplier to have management systems in place to support compliance with laws, regulations, and the expectations related to or addressed expressly within this Supplier Code of Conduct. GOAL encourages Suppliers to implement their own written code of conduct.

1. RESPECT FOR HUMAN RIGHTS

The Supplier represents and warrants that neither it nor any Third Party violates the fundamental human rights as set out in the European Convention on Human Rights from 1950 (as may be amended from time to time) including all protocols to the convention.

The Supplier represents and warrants that it will have respect for all fundamental human rights and, in particular, it will respect the dignity and worth of all persons including respect for the equal rights of men and women. The Supplier undertakes that it and any Third Party will not discriminate directly or indirectly on the grounds of gender, marital status, family status, sexual orientation, religion, age, disability, race, political affiliation, social status, or membership of an ethnic community.

2. ILLEGAL ACTIVITY

The Supplier represents and warrants that neither it nor any Third Party are engaged in any sort of illegal activities.

The Supplier represents and warrants that neither it nor any Third Party will excuse or ignore or participate in any corrupt, fraudulent, exploitative, or unethical activities. This includes but is not limited to the trafficking of people, participating in any armed, political, or religious conflict, dealing in illegal drugs, gems or arms or using the services of a sex worker.

The Supplier represents and warrants that neither it nor any Third Party will be under the influence of alcohol or drugs, which includes illegal drugs and misused prescription medication, while engaged by GOAL under a Contract and will be fit to carry out its responsibilities and obligations under that Contract.

3. ANTI-CORRUPTION, ANTI-BRIBERY, ANTI-FRAUD, ANTI-MONEY LAUNDERING & CONFLICT OF INTEREST GOAL has zero tolerance for corruption, bribery, fraud, and money laundering.

The Supplier and each Third Party shall comply with all applicable laws, statutes and regulations relating to anti-bribery, anti-corruption, anti-fraud and anti-money laundering including but not limited to the Irish Criminal Justice (Money Laundering and Terrorist Financing Act 2010), the Irish Criminal Justice (Corruption Offences) Act 2018, the UK Bribery Act 2010, the UK Proceeds of Crime Act 2002, the UK Money Laundering, Terrorist Financing and Transfer of Funds (Information on the Payer) Regulations 2017, the UK Terrorism Act 2000, the United States

Foreign Corrupt Practices Act 1977 and the United States Anti-Money Laundering Act 2020, as may be amended from time to time) (together the "Relevant Requirements").

Corruption includes benefiting from gifts, advantages, and sexual favours. Therefore, the Supplier and all its Third Parties shall not:

- Exchange money, employment, goods, or services for sexual activity. This includes any exchange of assistance that is due to beneficiaries of assistance.
- Engage in any sexual relationships with beneficiaries of assistance since they are based on inherently unequal power dynamics.

Any conflict of interest on the part of the Supplier or Third Party shall be immediately disclosed to GOAL. The Supplier affirms that it or any Third Party has no current or prior business, professional, personal, financial, political, family, or other interest, including, but not limited to, the representation of other clients, that would conflict in any manner or degree with the performance of its responsibilities and obligations under any Contract. If any such actual or potential conflict of interest arises under any Contract, the Supplier shall immediately inform GOAL in writing of such conflict.

4. TERRORISM

The Supplier represents and warrants that neither it nor any of its Third Parties are engaged in any transactions with, and/or the provisions of resources and support to, individuals and organizations associated with terrorism. The Supplier represents and warrants that neither it nor any of its Third Parties are engaged in any transactions with, and/or the provision of resources and support to, individuals and organizations associated with, receiving any type of training for, or engaged in, any act or offense described in Article 2, Sections 1,3,4 and 5 of the International Convention for the Suppression of the Financing of Terrorism, adopted by the General Assembly of the United Nations in Resolution 54/109 of 9 December 1999.

5. ENVIRONMENT

The Supplier represents and warrants that neither it nor any Third Party are violating any international environmental agreements.

The Supplier undertakes to support a precautionary approach to environmental challenges and not in any way cause damage, destruction, or any harm to the environment. Further, the Supplier undertakes to encourage the development and diffusion of environmentally friendly technologies and undertake initiatives to promote environmental responsibility and sustainability.

6. MINES AND WEAPONS

The Supplier represents and warrants that neither it nor any Third Party are actively and directly or indirectly engaged in patent activities, development, assembly, production, trade, or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of anti-personnel mines. The Supplier represents and warrants that neither it nor any Third Party are actively and directly or indirectly engaged in patent activities, development, assembly, production, stockpiling, trade, or manufacture of weapons including but not limited to firearms, chemical weapons, biological weapons, and nuclear weapons.

7. CHILD AND ADULT SAFEGUARDING

The Supplier represents and warrants that it and all its Third Parties are protecting all people from abuse and exploitation, meaning any actual or attempted abuse of a position of vulnerability, differential power, or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially, or politically from the sexual exploitation of another. Similarly, the term "sexual abuse" means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.

Specifically, the Supplier and all its Third Parties will not:

- Engage in sexual activity with anyone under the age of 18, regardless of the age of consent locally (mistaken belief of age being no defence).
- Sexually abuse or exploit children.

- Subject a child to physical, emotional, or psychological abuse, or neglect.
- Engage in any commercially exploitative activities with children including child labour or trafficking.
- Sexually abuse or exploit vulnerable adults.
- Subject a vulnerable adult to physical, emotional, or psychological abuse, or neglect.

8. CHILD PROTECTION

The Supplier represents and warrants that neither it, nor any Third Party are engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.

The Supplier represents and warrants that it and all its Third Parties will comply with this requirement, and that it will raise any concerns or suspicions they have, actual or perceived, of any breach of this clause directly to GOAL.

9. FORCED LABOUR

The Supplier represents and warrants that employment is freely chosen and neither it nor any Third Party are using any form of forced, bonded or compulsory labor.

10. WORKING CONDITIONS

The Supplier represents and warrants that neither it nor any Third Parties are allowing working conditions that violate the Convention on Occupational Safety and Health from 1981 including the Protocol from 2002, the Convention on Minimum Wage Fixing from 1970 and the Conventions on Hours of Work of the International Labour Organization (ILO) (as may be amended from time to time).

The Supplier represents and warrants that it and all its Third Parties are protecting workers from any acts of physical, verbal, sexual or psychological harassment abuse or threats in the workplace by either their fellow workers or their managers, and that the rights of staff to freedom of association and collective bargaining are respected.

11. DISCRIMINATION IN WORKING CONDITIONS

The Supplier represents and warrants that neither it nor any Third Party are discriminating any of its workers regarding race, colour, gender, language, political or other opinion, caste, national or social origin, property, birth, union affiliation, sexual orientation, health status, age, disability, or other distinguishing characteristics. The Supplier represents and warrants that neither it nor any Third Party are making employment-related decisions, from hiring to termination and retirement which are not based only on relevant and objective criteria.

12. TRANSPARENCY, HONESTY, INTEGRITY, AND ACCOUNTABILITY

The Supplier represents and warrants that it and any Third Party shall uphold the highest standards of integrity, honesty, and transparency.

The Supplier undertakes a duty of full disclosure of any relevant material at any time and at the sole discretion of GOAL for GOAL to examine any alleged breach of this Supplier Code of Conduct.

13. HUMAN TRAFFICKING & MODERN SLAVERY

The Supplier and each Third Party shall comply with all applicable human trafficking and anti-slavery laws, statutes, regulations, and conventions in force and the Supplier warrants that it has instructed its named personnel, staff, employees, and all its Third Parties to refrain from engaging in human trafficking and/or forced labour. The failure of the Supplier to investigate allegations of human trafficking for whatever purpose, including forced labour, against its staff or related to its activities or to take corrective action when any allegations have been proven to have occurred shall entitle GOAL to end the Contract immediately and without penalty upon notice to the Supplier, at no cost to GOAL.

Suppliers and their employees, and Third Parties (including labor recruiters, brokers, and agents) shall not:

- Engage in trafficking in persons during the period of performance of the contract.
- Procure commercial sex acts during the period of performance of the contract.
- Use forced labour in the performance of the Contract.

- Destroy, conceal, confiscate, or otherwise deny access by an employee to the employee's identity or immigration documents, regardless of issuing authority.
- Use misleading or fraudulent practices during the recruitment of employees or offering of employment, such as failing to disclose, in a format and language accessible to the worker, basic information; or making material misrepresentations during the recruitment of employees regarding the key terms and conditions of employment; or use recruiters who do not comply with local labour law.
- Charge recruitment fees to employees or potential employees
- Fail to provide or pay for return transportation at the end of employment for employees who are not nationals of the country and were brought into the country for the express purpose of working on a GOAL contract or subcontract, unless that individual is legally permitted to and chooses to remain, or the employer is exempted from this requirement in writing by GOAL.
- Where applicable, fail to provide or arrange housing that fails to meet national standards for housing and safety.
- Fail to provide an employment contract, recruitment agreement or other required work document in writing, in a language the employee understands, as required by law.

Should the Supplier become aware of, or suspect, human trafficking activities during the execution of the contract the Contractor must immediately inform GOAL to enable appropriate action to be taken.

14. WHISTLEBLOWING AND REPORTING

The Supplier represents and warrants that it and any Third Party shall raise any genuine concerns about actual or perceived wrongdoing by GOAL staff members, board members, partners of GOAL, other suppliers, contractors, volunteers, and communities.

GOAL also expects each Supplier to provide their own employees with avenues for raising legal or ethical issues or concerns without fear of retaliation. We expect each supplier to take action to prevent, detect, and correct any retaliatory actions. If the Supplier does not have its own reporting mechanism then it should provide their employees with GOAL's email address: speakup@goal.ie to raise any legal or ethical issues or concerns; or through the externally managed hotline, Safe call: www.safecall.co.uk/report, goal@safecall.co.uk, +249 92 370 4007

15. BREACH

Any breach of the representations and warranties of this Supplier Code of Conduct will be considered as gross misconduct and abusive behavior, which cannot be tolerated. As such, GOAL will have the right to withhold payment and postpone the goods or services (as applicable) to be provided under the Contract to enable GOAL to undertake a thorough investigation of any alleged breach of any representation, warranty or undertaking given by the Supplier or Third Party of this Supplier Code of Conduct. Upon the outcome of the investigation, GOAL will inform the relevant Supplier of its findings and will either (I) continue the Contract making such necessary amendments to the Contract as may be required to strengthen the terms of the Contract; or (ii) terminate the Contract with the Supplier immediately at no cost to GOAL. Upon such termination, GOAL reserves the right to make no payment of remaining sums due under the Contract (even when goods or services have been supplied), in instances where GOAL has found that the Supplier or Third Party has breached a representation, warranty or undertaking under this Supplier Code of Conduct.

This Supplier Code of Conduct is hereby acknowledged and agreed by:

On behalf	
of	
Name	
Signature	
Date	
Place	

ITT G/S/ELF/AE1/14327/2023 Improving water supply in 6 health facilities supported by GOAL – ND State