

Terms of Reference for the Expansion of Lologo Urban Water Supply System in Juba

1 SUMMARY

Type of Contract	Institutional Contract	Contractor
Title	Expansion of the Lologo Urban Water System- Juba City	
Purpose	To extend safe clean water supply to additional 64,814 people in Munuki-Nyakuron West and greater Lologo areas, Juba, City	
Location	Munuki -Nyakuron West and greater Lologo areas, Juba City	
Duration	9 months construction period +12 months defects liability period (21 months total duration)	
Reporting to	WASH Specialist (Urban)	

2 BACKGROUND AND RATIONALE

UNICEF with funding from KfW constructed the Lologo urban water supply project in Juba city, South Sudan, which was completed mid-2021. The urban water system serves clean safe water supply to about **43,810 people** (32,210 people at the internally displaced persons (IPDs)/Protection of Civilian (POC) camp and 11,600 people in vulnerable and underserved communities of Lologo and Kator areas of Juba city)

The Lologo urban water supply project was initially managed by a private operator and latter in January 2024 handover over and managed by the South Sudan Urban Water Corporation (SSUWC).

The total usage of the Lologo urban water supply system stands at about 1438 m³/day, which is one third of its design production capacity of 4,650m³/day at 18 hours of pumping. The current usage comprises of 1,070 m³/day for the IDP/POC camp and 368 m³/day for the 7 existing water kiosks. This leaves a deficit of 3,212m³/day of idle capacity/asset, hence potential for expansion to increase the distribution system and serve additional areas.

The Lologo urban water system is currently not operated and managed on cost recovery tariff basis for several reasons. The planned water system expansion aims to optimally operate the water treatment plant to its design production capacity, target household connections, provide additional kiosks and tanker filling stations in the areas of Munuki- Nyakuron West and greater Lologo areas, Juba, City. These system expansion interventions will address the urgent water needs in these underserved areas and yet with high potential for household connections, which shall increase water revenue collections, support sustainable operation and management of scheme on cost recovery basis.

UNICEF obtained funding from the German Government, through KfW, to expand the water supply coverage in Juba and other urban towns.

3 EXISTING LOLOGO URBAN WATER SUPPLY SYSTEM

The Lologo urban water system has design production capacity of 4,650m³/day at 18 hours of pumping. which is basically the capacity of the current system.

The Lologo urban water system project comprised of the following elements:

- Construction of a raw water intake works on the White Nile River
- Construction of 1.6 km long raw water transmission pipe of DCI DN 250mm PN 16 from intake to conventional water treatment plant located in Lologo-2 area.
- Construction of 4,650m³/day Water Treatment Plant at Lologo based on 18 hours of pumping.
- Construction of 6.184km long clear water transmission pipe of DCI DN 250mm PN 16 from conventional water treatment plant located in Lologo-2 area to Reservoirs Tanks at Jebel hill.
- Supply and installation of three (3) ground steel tank storage reservoirs at Jebel hill each of 300m³ (Total storage of 900 m³)

- Construction of 18,231 km gravity water supply distribution system from Jebel Hill reservoir to the IDP/POC camp and to seven (7) public water kiosks complete with 75m³ elevated storage tanks for vulnerable Lologo and Kator areas of Juba.
- Construction of one water tank filling station at the water treatment plant.

The current urban water system has various elements as shown in the table below.

No	Description	Specifications	Quantity
Intake at River Nile			
1	Low Lift Pump	Submersible pumps with capacity 387m ³ /hr (One duty-one standby)	2no
2	Vertical Turbine High Lift Pump	Vertical turbine pumps with capacity 387m ³ /hr (One duty-one standby)	2no.
3	Generator	250KVA (one duty-one standby)	2no.
4	Raw water transmission pipe	DCI Pipe raw water pipeline DN 250mm	1,600m
Water Treatment Plant at Lologo			
5	Low Lift pump from filters to treated water tank	Surface centrifugal pumps (151m ³ /hr each)	2 no.
6	High lift pump from treated water tanks to Jebel Hill reservoir	Centrifugal pump (155m ³ /hr each)	2 no.
7	Flocculation tank	RCC 11.95mx11.9m	1 no.
8	Sedimentation tank	RCC 19.2mx11.9m	1 no.
9	Filter (11.75mx9.45m)	One (divided into four compartments each compartment measures 11.75x2.25m)	1no.
10	Generator	450KVA (one duty-one standby)	2no.
11	Backwash tank	400m ³ elevated backwash and truck filling tank	1 no.
12	Water Tanker filling station	5 filling points	1 no.
13	Sludge Drying Bed	Size 15.7x11.5m	1 no.
14	Backwash water pipe		
15	Concrete ground Clear water tank	Clear water tank (900m ³)	1no.
Treated water transmission and Distribution System			
16	Transmission pipe from WTP to Jebel Hill Reservoir	DCI pipe DN 250mm Rising Main	6,184m
17	Distribution pipes	HDPE Pipe distribution network (OD 63mm to OD 355mm)	18,231m
18	Elevated treated water tank with water kiosks	75m ³ each (525m ³) elevated steel tank	7no.
19	Storage tanks at Jebel Hill reservoir	300m ³ each (900m ³) over ground steel tanks at Jebel	3no.

4 PROJECT OBJECTIVE

The primary objective is to extend safe clean water supply to additional **64,814 people** living in Munuki-Nyakuron West and greater Lologo areas of Juba City through utilization of 3,212m³/day of idle system capacity/asset.

Zone	Existing population Served	Additional population to be served based on plant capacity	Totals
Lologo	1,800	25,130	26,930
Kator	10,800	1,800	12,600
Munuki- Nyakuron- west		37,884	37,884
POC 1 & 3	31,210		31,210
Totals	43,810	64,814	108,623

5 PROJECT SCOPE OF WORK

The proposed urban water supply expansion project will consist of the following scope of work/components:

- Construction of 22,673m gravity distribution pipelines with a backbone section to individual household connections for Munuki-Nyakuron West area.
- Construction of 13,568m gravity distribution pipeline to additional water kiosks and individual household connections for Lologo area.
- Provision of addition eight (8) public water kiosks at Lologo area four (4) of which with tanker filling station facility. Each water kiosk shall be equipped with a 10m³ storage tank, at an elevated height of 3m.
- Supply and installation of three (3) additional ground steel tank storage reservoirs at Jebel hill each of 300m³ (increasing total storage of 1,800 m³)
- Construction of one (1) office block for the management of the system
- Construction of four (4) staff houses, 64m² each
- Supply of standby pumps for the intake and treatment plant

PIPELINE DESCRIPTION	PIPE DIA, (OD) MM	LENGTH, M	PIPE MATERIAL
Munuki-Nyakuron west Distribution line	50mm – 225 mm	22,673	HDPE
Lologo distribution line	50mm – 225 mm	13,568	HDPE
Water Kiosks	8 Water Kiosks, each with 10 m3 tank (4 retrofitted to Tanker filling stations)		
Jebel Hill	Tanks <ul style="list-style-type: none"> Supply and construction of 3 No 300m³ each tank and all the auxiliary connections 		
Treatment Works	Offices <ul style="list-style-type: none"> Construction of four (4) single bedroom duty houses, 64m² each Construction of one (1) office block 390m² Electromechanical Works Supply and Fix <ul style="list-style-type: none"> Low Lift pump from filters to treated water tank, Surface centrifugal pumps (151m³/hr each) 2 No High lift pump from treated water tanks to Jebel Hill reservoir; Centrifugal pump (155m³/hr each) 2 No 		
Intake Works	Electro-Mechanical Works Supply and Fix <ul style="list-style-type: none"> Low Lift Pump Submersible pumps with capacity 387m³/hr 1No Vertical Turbine High Lift Pump Vertical turbine pumps with capacity 387m³/hr 1 No. 		

5.1 Pipeline expansion:

Additional 36,241m of distribution pipelines with a backbone section to individual household connections for Munuki-Nyakuron West and Lologo areas shall be constructed. The expansion water supply system targets domestic household, institutional, commercial, and industrial connections/uses.

The expansion system has been designed and sized with adequate pipe diameters to cater for the backbone line to Munuki for possible future extension, the expansion pipe diameters can enable service to a total system population of 118,000 people. The pipe water flow velocities and residual pressures are designed within acceptable ranges of 0.5-2.5m/s and 10-60 m of head respectively.

Proposed expansion pipeline network in Munuki- Nyakuron west area (Household connections)

	PIPELINE SIZE	LENGTH (M)
1	DN 50mm HDPE PN 10 PIPELINE	7,893.00
2	DN 63mm HDPE PN 10 PIPELINE	2,010.00
3	DN 75mm HDPE PN 10 PIPELINE	2,096.00
4	DN 90mm HDPE PN 10 PIPELINE	757.00
5	DN 110mm HDPE PN 10 PIPELINE	2,133.00
6	DN 125mm HDPE PN 10 PIPELINE	352.00
7	DN 160mm HDPE PN 10 PIPELINE	569.00
8	DN 200mm HDPE PN 10 PIPELINE	239.00
9	DN 225mm HDPE PN 10 PIPELINE	6,624.00
	TOTAL	22,673.00

Proposed expansion pipeline network in Lologo area (Household connections and Kiosks)

	PIPELINE SIZE	LENGTH (M)
1	DN 50mm HDPE PN 12.5 PIPELINE	2,001.00
2	DN 63mm HDPE PN 12.5 PIPELINE	1,020.00
3	DN 75mm HDPE PN 12.5 PIPELINE	1,314.00
4	DN 110mm HDPE PN 12.5 PIPELINE	3,246.00
5	DN 125mm HDPE PN 12.5 PIPELINE	2,884.00
6	DN 160mm HDPE PN 12.5 PIPELINE	1,709.00
7	DN 200mm HDPE PN 12.5 PIPELINE	839.00
8	DN 225mm HDPE PN 12.5 PIPELINE	555.00
	TOTAL	13,568.00

5.2 Enhancement of reservoir storage:

The current storage system at Jebel Hill are 3 No. ground tanks each with a capacity of 300m³ giving a total storage of 900m³, all interconnected. The existing kiosks, 7No. each has 75m³ elevated water tank, giving a total storage at the water kiosks of 525m³. It is recommended that this system should have 12 hours storage. The system's current capacity is 4650m³ per day and therefore the required additional storage should be 2325m³. With the existing storage, the deficit is therefore 900m³. At Jebel Hill adjacent to the other tanks, three pressed steel tanks are proposed, each 300m³. The tanks will be connected in series with the existing tanks and will receive water from the rising main from the Treatment works. In total, this gives the desired storage capacity.

Eight (8) No. new water kiosks are proposed, each provided with a 10m³ tank, which will be placed on top of the water kiosk building. Ideally, these water tanks should be filled at night when there is low consumption for the individual consumers to get water during the day. This increases the storage capacity to 80m³ and leaves a storage deficit of 820m³.

Location	Proposed New Water Points		Existing Water Kiosks
	Water Storage Tanks	Water Kiosks	
Lologo	7 No. 10m ³	7 No. + 1 Kiosk retrofitted to Tanker filling stations	1 No. with a 75m ³ elevated storage tank
Kator/Jondoru	-	(3 existing Kiosks retrofitted to Tanker filling stations)	6 No. each with a 75m ³ storage tank
Munuki Pipeline	-1 No. 10m ³	-1 No. ³	2No. with a 75m ³ elevated storage tank
Jebel Tank	3 No 300m ³ each	None	3 No 300m ³ each

5.3 Reinforcing Existing Electro-Mechanical Equipment

The current system has 4 sets of pumps, as follows:

- 2No (One duty-one standby) Low Lift Submersible pumps with capacity 387m³/hr at the intake works, for lifting water from the intake platoon to the intake works.
- 2No. (One duty-one standby) Vertical Turbine High Lift Pump capacity 387m³/hr at the intake works to lift water from the intake works to the filtration pumps.
- 2 No. Low Lift Surface centrifugal pumps (151m³/hr each) from filters to treated water tank.
- 2 No. High lift Centrifugal pump (155m³/hr each) from treated water tanks to Jebel Hill reservoir.

Given the capacity of the Treatment Works, the current pumping system is not adequate to meet the system capacity. There are only two units of pumps each within the treatment plant, which should work simultaneously and continuously for 18 hours to achieve the treatment works capacity, implying that there would be no standby pump if any of the pumps fail. Additional standby pumps are proposed to reinforce system.

No	Description	Existing pumps and Specifications	Qty	Additional Pumps
Intake at River Nile				
a	Low Lift Pump	Submersible pumps with capacity 387m ³ /hr (One duty-one standby)	2no	Additional 1No. pump of capacity 387m ³ /hr
b	Vertical Turbine High Lift Pump	Vertical turbine pumps with capacity 387m ³ /hr (One duty-one standby)	2no.	Additional 1No. pump of capacity 387m ³ /hr
Water Treatment Plant at Lologo				
c	Low Lift pump from filters to treated water tank	Surface centrifugal pumps (151m ³ /hr each)	2 no.	Additional 2 pumps of 151m ³ /hr
d	High lift pump from treated water tanks to Jebel Hill reservoir	Centrifugal pump (155m ³ /hr each)	2 no.	Additional 2 pumps of 155m ³ /hr

5.4 Offices and Duty Houses

It was noted that the offices for operations of the Water systems were not adequate and new offices needed to be provided. It has also been necessary to provide duty houses to accommodate essential staff for the continuous operation and maintenance of the facilities and cater for a night shift.

Office at the Treatment Works	1 No.
Duty House - Junior Staff	4 No.

6 WORKING LOCATION:

Lologo and Muniki areas in Juba city, South Sudan.

7 GENERAL REQUIREMENTS

7.1 Project Timeframe

Based on the scope of work involved, an overall project timeframe estimated at 9 months, with defect liability period of 12 months, has been defined for the completion of the project starting from date of contract signature. Before signing the Contract, the Contractor shall provide a time schedule for the project and this time schedule shall include for the completion of the project all the activities required for it, considering times for provision of materials, weather, the approval of construction permits (if applicable), and other activities that might affect the execution of the works within the schedule.

7.2 Items Supplied by the Client

No items will be supplied by the UNICEF. All materials, equipment and services required for the works must be provided by the contractor. The contractor will be responsible for all logistical arrangements associated with the execution of the contract. UNICEF will not provide assistance in the areas of visas, banking/cash services, or office space/equipment (including computers, photocopiers).

7.3 Client's Representative

The Client/UNICEF will provide a representative on site, who will act as focal point between the Client and the Contractor on all technical queries and issues, during all project implementations. An Engineering firm appointed by UNICEF and shall be responsible for day-to-day supervision of construction works and coordinate between the Client and Contractor.

7.4 Drawings and Designs

The Client has provided preliminary drawings for the works and technical requirements, upon which the contract is based. Drawings are providing the general information with regards to location and quantity of all required elements and work items composing the project.

8 DELIVERABLES AND MILESTONE PAYMENT

- The duration required for completing the works should be not later than **nine (9) months** from the date of signing the contract.
- Communication will be made in writing and shall be properly recorded by UNICEF.
- The contractor will be paid only upon completion of the phases as outlined below and upon presentation of invoice together with proof of services delivery and supporting documents certified by the supervising firm, La Femme Engineering Services Ltd. and verified by UNICEF.
- For each payment, the contract will hold a 10% retention to be paid 12 months after the completion of works (Defects Liability Period). The payment of the retention will be made upon satisfactory certification of the functionality of all the system components.
- The Defects Liability Period is twelve (12) months counted as from the date of issuance of the Certificate of Substantial Completion
- UNICEF will issue interim and final payments upon satisfactory completion of each Deliverable.
- The Contract signed with the successful contractor will include a plan for disbursing payments and linked to delivery of final products to UNICEF.
- The financial proposal should be presented in US Dollars including all details inherent in the execution of the works.
- The Payment schedule shall only be modified by UNICEF.

Deliverables and payment schedule

No	Deliverables	% Work Completed	Estimated Completion Date	Amount paid as % of total contract
1	Mobilisation of all equipment, and labour to site, Payment of insurance and Performance Bond, Establishment of the Contractors Site, and completion of 10% of the work, according to the BOQ and Drawing acceptable by client	10%	1.5 months from the start of works	10%
2	Upon completion of 35% of the work, according to the BOQ and Drawing acceptable by client	35%	3 months from start of works	30%
3	Upon completion of 75% of the work, according to the BOQ and Drawing acceptable by client	75%	6 months from start of works	30%
4	Upon completion of 100% of the works according to the BOQ and Drawing acceptable by client and substantial completion and handover of project A detailed completion report including (i) As-built drawings of all infrastructure submitted in a bound report in two hard copies and digital copies; (ii) Operations and maintenance manual for equipment and infrastructure installed in a bound report in two hard copies with digital copies.	100%	9 months from start of works	20%
5	Completion of defects identified by UNICEF at the end of the 12 months defect liability period and submission of final completion report to UNICEF	-	12 months after completion of works	10%
	Total			100%

All the payment (100%) will be made as per the agreement as reimbursable amount based on satisfactory completion of the deliverables cleared by the Engineering supervision consultant and approved by UNICEF WASH Specialist (Urban) for the above enlisted activities.

9 REPORTING

- The contractor will provide a monthly project progress report to the Engineering Consultant and UNICEF WASH Specialist (Urban).
- All materials and equipment to be installed in the permanent works to be approved by UNICEF Engineering Consultant and all records of approval submitted for records.
- A detailed completion report including (i) As-built drawings of all infrastructure submitted in a bound report in two hard copies and digital copies; (ii) Operations and maintenance manual for equipment and infrastructure installed in a bound report in two hard copies with digital copies.

10 EXPECTED BACKGROUND AND EXPERIENCE

To demonstrate its qualifications and develop its Offer, each Bidder shall provide all the information requested in the forms provided the attached bidder forms.

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10.1 Eligibility and Qualifications

10.1.1 Required qualifications and experience of the contractor.

- 1) **Registered Company** as a legal entity working as a Contractor in Civil Engineering works/urban water supply projects.

- 2) Evidence of **registration to operate as a business in South Sudan or the East Africa region** with proof of a certificate of incorporation as duly registered to conduct business in South Sudan. Where applicable, prove that the bidder holds a valid Tax registration certificate.
- 3) Company **minimum of five (5) years' experience** of undertaking construction or rehabilitation of urban water supply projects in South Sudan or in the East Africa region in similar context. The bidder shall demonstrate that the company has an experience in carrying out similar assignments in construction of civil works including assorted water pipelines and all auxiliary works, buildings, and electro-mechanical services.
- 4) The Company have **constructed at least three similar urban water supply systems** in the South Sudan or in the region, each of above **US\$1.0M in value**.
- 5) The bidder will provide proof of company **financial capacity for three successive years**.
- 6) In possession of suitable **construction equipment** for this project
- 7) **Qualified and experienced Engineering staff** in company
- 8) Experience in conducting any construction or rehabilitation projects either with the UN agencies and / or other international organizations.

The bidder is prepared to accept UNICEF contracting general terms and conditions and demonstrate sufficient managerial and technical capacity to undertake the assignment. The bidder will provide proof of company financial capacity for three successive years.

The contractor will submit a separate technical proposal based on the deliverables, technical specifications, and technical drawings. A financial proposal will be submitted separately by completing the Bill of Quantities and submitting together with the **bid bond equivalent to 2% of the amount quoted as a bank guarantee**.

The contractor should have capacity to complete all the works in 9 months and **should submit a work plan/program** reflecting the same. Potential bidders may associate to form a joint venture to achieve the full range of the assignment as only one contract will be issued.

10.2 Information on Bidders

UNICEF shall first establish that the Bidders meet the eligibility and qualification criteria in accordance with the eligibility and qualifications factors set out in Form A of this section:

- Eligibility
- Historical Contract Performance
- Financial Situation
- Experience - general, similar, and specific -- as it relates to construction of similar projects.
- Work Programme

Failure to maintain eligibility shall result in disqualification of the bidder.

10.2.1 Personnel

The Bidder must demonstrate that it has the personnel for the key positions that meet the following requirements:

Required Personnel

No	Position	Minimum Qualification	Total Related Work Experience (years)	Experience in Similar Works (years)
1	Project Construction Manager (with contract management experience)	Relevant bachelor's Degree or diploma Experience as a Project Manager in major infrastructure project	10	5
2	Site Agent (Civil Engineer)	Degree in Civil Engineer from a recognised university	8	5
3	Construction Supervisor (Civil Engineer)	Diploma in Civil Engineering from an accredited College	5	5

4	Headman Pipe laying/Pipework fittings	Certificate from a Technical College	5	5
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The Bidder shall provide details of the proposed personnel and their experience records in the relevant Forms included in the Bidding Forms. Contractors are encouraged to allow equal opportunities for men and women and are required to remunerate men and women of the same grade, level of experience etc. equally.

10.2.2 Equipment

The Bidder must demonstrate that it has or is able to get access to the key equipment which will be available for the duration of the Contract listed hereafter:

Minimum Equipment

No.	Equipment Type and Characteristics	Minimum Number Required
1	Excavator, backhoe 0.25m ³ bucket	2
2	Jack hammer	1
3	De-watering pumps	2
4	Concrete mixers, 1.5m ³ bucket and vibrator	2
5	Lorries of various Load capacities	2
6	Minimum Generator of 10KVA	1
7	Minimum 2000-liter water tanker,	1

The Bidder shall provide details of the proposed items listed above and additional equipment using the relevant Forms attached.

Submittals of Bidders found by UNICEF not to meet the eligibility requirements and the financial capabilities qualifications criteria shall not be considered further.

11 APPLICATION AND EVALUATION PROCESS:

The recommendation for the award of contract will be based on the highest scoring proposal following a cumulative analysis, which weighs technical and financial scores using technical and commercial/financial weightings (price proposal) scores (in a 70/30 split).

Each proposal will be assessed first on its Eligibility, then on its technical merits and subsequently on its financial/commercial price. In making the final decision, both technical and financial aspects will be considered. Firms found not eligible will not proceed for technical evaluation.

The Evaluation Team first reviews the technical aspects of the offer, followed by review of the financial offers of the technically compliant vendors. The proposal obtaining the highest overall score after adding the scores for the technical and financial proposals together, that offers the best value for money will be recommended for award of the contract.

Note.

Financial proposals will be opened only after the technical review is finished for companies that have been deemed technically compliant.

UNICEF shall first determine whether the Bidder's submission is complete and compliant with the Instructions to Bidders. UNICEF shall then examine the following:

- The Bid Price, in the Summary Schedule of Prices.
- Price adjustment for correction of arithmetic errors in accordance with Part II of the Request for Proposal
- Adjustment for nonconformities in accordance with Part II of the Request for Proposals

The total Bid Price for each Bidder, subject to any adjustments pursuant to the Instructions to Bidders and Conditions of Contract, shall be the Evaluated Financial Bid.

The following will be adhered to:

- Only bids from the company will be accepted.
- The contractor should demonstrate capacity (technical, financial, equipment and staffing an organisational) to execute a project above **USD 1,000,000 value in nine (9) months** construction at any time.
- Incomplete priced offer will not be considered.
- Conditional offer will not be considered.
- Alternate technical proposal will not be considered.
- If there is any discrepancy between unit price and amount, unit price rate will prevail.

It is highly recommended for interested bidders to visit the site prior to submitting their proposals and get required clarification.

Technical Proposal

Bidders are required to fill Annex 1- Construction experience table, Annex 2 – Technical Evaluation criteria and submit all relevant supporting documents.

Technical proposals that are awarded 70 points or more will be considered as technically compliant and proceed to the financial proposal evaluation stage.

Financial Proposal

Bidders are requested to submit Financial Proposals in the provided Bill of Quantities (BOQ) documents. Bidders are expected to submit fill in the BoQ for the financial proposal. The bidder is instructed to read the BoQ together with the drawings provided and, should there be a discrepancy, request for clarification before submitting.

The completed BOQs shall be submitted in the following two (2) formats:

- BOQ in excel format.
- Signed and stamped BOQ in PDF format

UNICEF will use the Bill of Quantity (BOQ) as a reference for the contract award. The selected contractor will implement the construction as mentioned in the BOQ, technical specifications and drawings. Variations from the Total Lump Sum Fixed Price in the BOQ or specifications that have an impact on costs or timeline require a written approval from UNICEF prior to proceeding. The Contractor will send a variation request to UNICEF WASH Specialist (Urban) through the Engineering Services Firm. UNICEF will review and decide whether a contract amendment is required or not. UNICEF will not pay for Variations not supported by UNICEF's prior written approval. In case of any contract amendment, or change in scope, UNICEF will consider unit price of the BOQ items for all the activities and pay for the actual work done based on the measurement. UNICEF have authority to reduce the scope or increase the scope based on the ground conditions and pay accordingly.

12 ANNEXES:

Annex 1 – Construction Experience Table

Annex 2 – Technical Evaluation Criteria

Annex 3 – Bill of Quantities (BOQ)

Annex 1- Construction experience table (please add additional lines if required and submit as separate documents in the technical proposal)

S / N	Description of the construction project	Contract amount (USD)	Contract start date	Contract end date	Client name	Client email and phone no.	Urban Water supply project (Yes / No)

Annex 2 – Technical Evaluation Criteria

TECHNICAL EVALUATION CRITERIA	REQUIRED SUPPORTING DOCUMENTS	RATING	SCALING	MAXIMUM SCORE
ELIGIBILITY ASSESSMENT				
Registered to operate as a business in South Sudan	Certificate of Incorporation, or other relevant certification document and company address provided	Yes or No answer to be provided.	Yes / No	N/A
Compliance of bidding instructions	All required documents submitted fully signed with completed BOQs	Yes or No answer to be provided.	Yes / No	N/A
In case of Joint Venture	Signed Power of Attorney provided if a Joint Venture and clear lead/main company	Yes or No answer to be provided.	Yes / No	N/A
Company Audited accounts	Submit minimum two audit reports of 2021, 2022, and 2023	Yes or No answer to be provided.	Yes / No	N/A
COMPANY GENERAL EXPERIENCE IN SIMILAR PROJECTS.				
1. Years of experience in carrying out construction urban water supply and sanitation projects from the date of registration as construction company	Construction company registration and list of urban water and sanitation construction implemented after the registration (fill annex 1)	10 or more years of experience	15	15
		8- 9 years of experience	12	
		5 - 7 years of experience	10	
		Less than 5 years of experience	0	
2. Minimum three construction or rehabilitation urban water and sanitation projects for the value not less than USD 1,000,000 in last three years in South Sudan and East Africa region and completed within 9 months	Submit copy of the contract and completion certificate	Five and above contracts	20	20
		Four contracts	15	
		Three contracts	10	
		Less than 3 contracts	0	
3. Experience in conducting any projects	Proposal showing experience in conducting	Four contracts	5	5
		Three contracts	3	

either with the UN and / or other international organizations within last five years	any projects for United Nations and / or international organizations	Two contracts	3	
		One contract	2	
FINANCIAL CAPACITY				
4. Minimum Annual turnover of USD 2,000,000 or similar amount in one of the last three years	Submit minimum two audit reports of 2021, 2022 and 2023	More than Two million USD	15	15
		Between USD 1,000,000 to USD 2 million	10	
		Between one million to USD 600,000 to USD 1,000,000	5	
		Less than 500,000 or not submitted	0	
5. Minimum required liquid asset of USD 1,000,000	Submit bank statement received within one week from the bid closing date, or submit the copy of valid fixed deposited certificate or submit credit approval letter from any South Sudan reputed bank received within one week from the bid closing date	More than 2,000,000 USD	15	15
		Between USD 1,500,000 to USD 2,000,000	12	
		Between USD 1,000,000 to 1,500,000	8	
		Less than USD 1,000, 000 or not submitted	0	
COMPANY ORGANISATION ARRANGEMENT				
6. Work statements and methodology to carry out proposed assignment	Detail and Completeness of method statements to carry out the work	Quality of methodology statement	3	10
	Detail and Completeness of Work Plan	Quality of work plan incorporating all stages of construction and within the proposed period	4	
	Demonstration of capacity to facilitate adequate Health and Safety procedures during the project	Quality of methodology to handle Environmental, Health and Safety procedures during the project	3	
EQUIPMENT CAPACITY				
7. Minimum required construction equipment for this project (Site office facility, Excavator, backhoe 0.25m³ bucket concrete mixer, Jack hammer, 2000-liter water tank, minimum 10 KVA generator, dumping trucks)	Submit the proofing document such as photos, invoice of the equipment, or rental agreement with suppliers	Provides supporting documents	6	6
		Not submitted	0	
TECHNICAL TEAM				
8. Full time technical team <ul style="list-style-type: none">Project Construction Manager.Site AgentConstruction Supervisor	Submit signed CV and the copy of the experience letter and education certificates	Project Construction Manager Degree in Civil Engineering/Water supply, minimum 8 years’ experience	5	14
	Submit signed CV and the copy of the experience letter and education certificates	Site Agent, Degree in Civil Engineering/Water supply, minimum 5 years’ experience	3	

<ul style="list-style-type: none"> Headman Pipe laying/Pipework fittings 	Submit signed CV and the copy of the experience letter and education certificates	Construction Supervisor Diploma in civil engineering, minimum 5 years' experience	3	
	Submit signed CV and the copy of the experience letter and education certificates	Headman Pipe laying/Pipework fittings. Certificate in plumbing, minimum 5 years' experience	3	
TOTAL TECHNICAL SCORE				100