



## Terms of Reference (ToR)

### Short-Term Consultant to Conduct a Feasibility Study for Water Infrastructure in Koch and Fangak, South Sudan

#### Purpose

The purpose of this Feasibility Study is to determine the appropriate technology for ensuring access to clean water in the identified locations of need in Koch and Fangak regions in South Sudan.

#### Context

World Relief South Sudan is the South Sudanese branch of World Relief, an international non-governmental organization dedicated to partnering with the local Church, to see the most vulnerable people transformed economically, socially, and spiritually. Since 1998 World Relief has been working with the local Church to address humanitarian and development needs related to Health, Nutrition, Food Security & Livelihoods (FSL), Education, WASH (Water, Sanitation & Hygiene), Protection, Disaster Risk Reduction (DRR), and Church Empowerment.

WRSS has been implementing multi-sectoral humanitarian and development programming both Koch and Fangak for years. Access to clean water remains a challenge for communities in these locations due to the lack of water infrastructure. As a result, residents often collect water from untreated sources, such as rivers and swamps. WRSS would like to meet these needs, but requires credible information from which an intervention can be proposed and planned.

#### Objective

The overall objective of the assignment is to recommend solutions for providing access to clean water in the identified locations. For new water infrastructure, the consultant should recommend appropriate technology that will last through community management after being installed, based on the context and the intended users.

The main objectives of the study are to:

1. Assess the status of identified existing but currently non-functioning water points, advising on:
  - a. Issues related to their non-functioning status
  - b. Repairs needed
  - c. Feasibility of the repairs (including costs, logistics, expertise)
  - d. Sustainability of the water point following these repairs
2. Assess the feasibility of new water infrastructure solutions for the identified communities and locations and make recommendations based on and documenting:
  - a. Costs
  - b. Logistics
  - c. Water source
  - d. Water table
  - e. Depth
  - f. Type of drilling (if drilling)
  - g. Water quality





- h. Sustainability under community management
- i. Acceptability of the solution by the communities (including gender sensitivities)
- j. Donor standards and willingness to support

Proposed solutions should consider design for future water demand in view of potential population returns and increases in livestock within the locations.

The option of utilization of surface water (river), design for intake, gravity water supply system and water treatment (chlorination plant) should be assessed.

### Scope of Work

The consultant will need to physically visit the two target areas of Koch and Fangak. WRSS will guide the consultant on the ground to the specific target locations to be assessed. Apart from visual and physical inspections of the locations, the consultant should also engage potential users and local leaders to ensure that any recommendations meet the definition of appropriate technology for the particular context.

The consultant would need to spend approximately one week in Koch and one week in Fangak to allow for visit to multiple target locations in both areas. Field conditions can be insecure and difficult with minimal provisions for basic needs, though WRSS will try to accommodate the consultant as much as possible. An additional week will be needed in Juba to discuss with WRSS management and liaise with the WASH Cluster, as appropriate.

### Deliverables

1. Focus Group Discussion Guide - This must be submitted and approved by WRSS before traveling to field locations to use it.
2. Travel to both areas and field visits to the targeted locations identified by WRSS in those areas.
3. Feasibility Study Report - Complete report documenting all of the findings from the field visits, FGDs, other meetings, and desk research and presenting recommendations for appropriate water infrastructure for each location based on the conditions above.

### Timeline

The feasibility study will be conducted for approximately three weeks between 25<sup>th</sup> November and 22<sup>nd</sup> December 2019. The first draft of the Feasibility Study Report must be submitted by 8<sup>th</sup> January. The final version must be submitted by 15<sup>th</sup> January 2020.

	Activity	Location	Number of Days
1	FGD Guide submitted to WRSS	Offsite	1 working day
2	Field Research	New Fangak	7 days (6 working)
3	Field Research	Koch	7 days (6 working)
4	Meetings and Presenting Findings	Juba	6 days (4 working)
5	Draft report presented to WRSS	Offsite	5 working days
6	Final report written based on feedback from draft, presented to WRSS	Offsite	5 working days

### Logistical Support

WRSS will cover all costs of transport, accommodation, and meals while in country. WRSS will also cover one roundtrip airfare from the East Africa region, should the consultant originate from outside of South Sudan, however, this cost will affect the competitiveness of the proposal.



## Consultant Qualifications

The consultant carrying out the study must have a thorough understanding of the situation in South Sudan and WASH strategies related to the communities to be targeted for interventions. The consultant should draw from her or his knowledge and experience in WASH solutions in similar contexts. The consultancy assignment is open to individual National or International expert consultants.

The consultant should have:

- Bachelors, but preferably Masters in WASH-related field.
- Proven expertise and experience in water infrastructure in South Sudan or a very similar context.
- Proven competency and experience in research methodology around rural water issues.
- Excellent oral and written communication in English, able to write a final report without errors.
- A good understanding of community development work and partnership in the country.
- Good understanding of donor funding (particularly USAID-OFDA).
- Experience of working with rural community and Knowledge of the south Sudan country context is an additional advantage.
- Ability to travel and complete the fieldwork in the designated locations.
- Spoken Arabic is an advantage.
- Able to maintain WRSS's Code of Conduct and witness to the communities and all other stakeholders.
- A commitment to deliver quality outputs within the stipulated deadline.

## Application Details

Consultants interested in this consultancy should present a CV clearly demonstrating relevant experience and education for the assignment and the following information:

- Detailed workplan
- Description of the approach and methodology to be applied
- Consultancy fee for the assignment and rationale for the rates proposed
- Two examples of studies/reports similar to this assignment
- Three references, of which one should be related to the work

Applications will be evaluated based on cost, qualifications, previous experience with similar assignments, positive references, and availability. WRSS is not obliged to take the lowest cost application if other factors are not equal.

Questions concerning the assignment should be directed to [SSTenders@wr.org](mailto:SSTenders@wr.org).

Applications should be submitted to [SSTenders@wr.org](mailto:SSTenders@wr.org) or through the tender box at WRSS in Hai Cinema. **The deadline for applications is 15<sup>th</sup> November 2019.**

