

## TERMS OF REFERENCE

### Wash Engineering Consultant – Moroto

<b>CONTRACT MODALITY</b>	Individual Consultancy (National)
<b>DUTY STATION</b>	Moroto, Uganda & Office- based + Travel
<b>DURATION OF CONTRACT</b>	10.5 month

#### Purpose of Assignment

In order to provide sustainable access to safe water, sanitation and hygiene (WASH) services in communities and to improve the enabling environment in schools and health facilities, UNICEF Uganda is planning to support the construction and rehabilitation of WASH facilities in nine districts in Karamoja Sub Region (Kaabong, Karenga, Kotido, Abim, Amudat, Napak, Nabilatuk, Nakapiripirit and Moroto) .

In preparation for the planned construction works, technical assessments for WASH facilities in 65 sites (50 schools and 15 Health care facilities) are required. These assessments will inform the development of detailed engineering designs and drawings, and Bills of quantities (BoQs) to ensure that proposed interventions are technically sound, cost-effective, climate-resilient and aligned with national standards and UNICEF WASH guidelines.

Additionally, WASH facilities constructions require strong quality assurance mechanisms, and pre- and post-construction operation and maintenance (O&M) support to District Local Governments and institutions to ensure timely completion and effective management and sustainability of WASH facilities following handover to end users.

To this end, UNICEF Uganda will hire a WASH Engineering consultant to support district local Governments, CSO partners and Institutions in conducting technical assessment and developing designs, BOQs and technical specifications for construction of WASH Facilities in 65 institutions to be supported by KOICA. Furthermore, the consultant will undertake technical oversight and quality assurance of construction projects and support the strengthening of institutional and community-level management structure in the management of the water and sanitation facilities to enhance functionality, sustainability and service delivery outcomes.

#### Scope of Work

The consultant will support the site assessment, quality assurance and documentation of progress of construction activities within the timeline specified for each project including reviewing of detailed design and documentation, preparing tendering documents, construction supervision for quality assurance and strengthening O&M WASH systems. Specifically, the consultant will: -

- Assess the required construction work on water systems and sanitation facilities (including latrines) in 50 schools and 15 health care facilities.
- Develop BOQs and drawings in consultation with the District Local Government for bidding.
- Prepare handover documentation in the prescribed format and facilitate handover of completed WASH facility to the school/health facility in charge in liaison with the district officials/others as advised by the Supervisor
- Provide oversight on WASH construction through quality checks and certification of all major construction materials, ensure quality of workmanship and support certification of claims through regular supervision in a timely manner. In compliance with contract specifications, drawings and BOQs.
- Prepare a qualitative assessment of functioning of the institutions including School Management Committees (SMCs), Health Unit Management Committees (HUMCs) in support of management of WASH facilities for 50

schools and 15 health facilities.

- Conduct a WASH Knowledge Attitude and Practices (KAP) of key stakeholders in 65 institutions (schools and health) facilities.
- Prepare and submit all relevant documentation, including site meeting reports, weekly assessment and construction progress reports, monthly progress reports, specific reports, site instructions, inspection reports, monthly work plan and all notable events that affect or could affect implementation. Site handover documents for each site from the contractor. Keep a record of GPS co-ordinates, photos and contacts for all institutions and communities supported / assessed.
- Work closely with the target school and health facility heads and discuss observations made on the WASH infrastructure and guide on required action especially institutions that require minor repairs of existing facilities.

<b>Work Assignments Overview</b>	Deliverables/Outputs	<b>Delivery deadline to complete the deliverable</b>
1. Site assessments, Development of BOQs	<b>Deliverable 1</b> Site assessments report, BOQs for selected sites	30.05.2026
2. WASH KAP survey at school and health facility level (65 sites) including qualitative assessment of committees (School health clubs, school management committees, Health unit management committees).	<b>Deliverable 2</b> KAP survey Report	30.06.2026
3. Strengthening Operation and Maintenance of water and sanitation facilities at community and institutional level.	<b>Deliverable 3</b> Report on school and health care facility O&M plans, documentation of process followed by district and lessons learnt.	31.12.2026
4. WASH construction quality checks and certification of all major construction materials, quality of workmanship and support certification of claims	<b>Deliverable 4</b> Site supervision report	15.03.2027

#### Payment Schedule:

Payment will be made on submission and acceptance of deliverables. UNICEF reserves the right to withhold payment in case the deliverables submitted are not up to the required standard or in case of delays in submitting the deliverables on the part of the consultant.

#### Important Notes

- Individuals engaged under a consultancy or individual contract will not be considered “staff members” under the Staff Regulations and Rules of the United Nations and UNICEF’s policies and procedures and will not be entitled to benefits provided therein (such as leave entitlements and medical insurance coverage). Their conditions of service will be governed by their contract and the General Conditions of Contracts for the Services of Consultants and Individual Contractors. Consultants and individual contractors are responsible for determining their tax liabilities and for the payment of any taxes and/or duties, in accordance with local or other applicable laws.
- The selected candidate is solely responsible for ensuring that the health insurance (and visa if applicable) required to perform the duties of the contract are valid for the entire period of the contract. Selected candidates are subject to confirmation of fully-vaccinated status against SARS-CoV-2 (Covid-19) with a World Health Organization (WHO)-endorsed vaccine, which must be met prior to taking up the assignment. It does not apply to consultants who will work remotely and are not expected to work on or visit UNICEF premises, programme delivery locations or directly interact with communities UNICEF works with, nor to travel to perform functions for UNICEF for the duration of their consultancy contracts.
- UNICEF offers reasonable accommodation for consultants with disabilities. This may include, for example, accessible software, travel assistance for missions or personal attendants. We encourage you to disclose your disability during your application in case you need reasonable accommodation during the selection process and afterwards in your assignment.

#### QUALIFICATIONS / SPECIALIZED KNOWLEDGE / EXPERIENCE/ COMPETENCIES (CORE/TECHNICAL/FUNCTIONAL) / LANGUAGE SKILLS REQUIRED FOR THE ASSIGNMENT

- **Education:** An advanced university degree (Master’s or higher) in one of the following fields: Civil Engineering, Water Engineering, Environmental/hydrogeology Engineering, water resource management, sanitation engineering, project management
- **Work Experience:**  
Minimum of 5 years of responsible professional work experience in WASH infrastructure quality assurance and inspection, Programme management, monitoring and evaluation and/or knowledge management related to WASH, Environment and Climate programmes in Low Middle Income Country setting.

At least 3 years’ professional work experience in the related field programmes in Uganda is preferable

Previous work experience in UNICEF or UN agencies is an asset

- **Language Requirements:** Fluency in English is required Knowledge of a local language is an asset.
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