



Job Description

Country	Somaliland
Project Holder	Hargeisa Water Agency (HWA)
Project	Increasing Water Production from Laasdhure Aquifer and Connecting to Existing System at NGDPS
Fund	Somaliland Development Fund Phase 2
IFA Title	Site Engineer
Location	Laasdhure
Duration	12 months with possibility of extension
IFA No.	P101-118

1. Background to SDF2

The Somaliland Development Fund (SDF) was established in 2012 to provide a single vehicle through which development partners could support Somaliland's development goals. The first phase of the SDF was implemented in 2013-2017 and supported the Government of Somaliland (GoSL) filling a critical gap through funding projects that are fully aligned to the National Development Plan (NDP) while at the same time recognizing the role of GoSL in the delivery of basic services.

The Somaliland Development Fund – Phase 2 (SDF2) covers the period 2018-2024. SDF2 is conceived as an inclusive economic development programme. It supports the GoSL in delivering infrastructure that is relevant for inclusive economic development. It focuses on sustainable investments that spur job creation and fast growth, while at the same time laying the foundation for long-term resilience and development, leading to a more stable and peaceful Somaliland. SDF2's ambitions are fully aligned with government priorities as defined in Somaliland's second National Development Plan (NDP2 – 2017-2021) and reflect the priorities set out in Somaliland Vision 2030. The Fund Manager is responsible for the day-to-day management and administration of the Fund.

The objectives of the SDF2 are threefold:

- Support increased inclusive economic growth through investment in productive, strategic infrastructure to enhance economic growth and revenue generation.
- Strengthen and maintain the capabilities of the government of Somaliland to prioritize and manage the sustainable and equitable development of Somaliland's infrastructure.
- Support strong government ownership of development priorities aligned with the National Development Plan.

2. SDF Funded Hargeisa Water Agency (HWA)

The SDF has allocated funds to Hargeisa Water Agency to implement the Increasing Water Production from Laasdhure Aquifer & Connecting to Existing System at NGDPS Project. The project contains four outputs as mentioned below:

Output 1: Capacity building

The first component involves capacity development for HWA to enhance its institutional ability to effectively initiate, deliver, and support the management of investments/projects. Crucial for economic development and value for money being realized as a result of the projects, will be the ability to select

investments with comparative strategic economic and social advantage for diverse members of the population and which are resilient to current and future shocks (climate and otherwise).

Output 2: Community engagement

The second component involves community engagement through creation/enhancing or formation of community water committees in the areas directly affected by the project areas in Hargeisa. The purpose of the water committees will be for disseminating project information and dialogue on project issues, especially the use of the water supply among the different communities in Hargeisa.

Output 3: Increased water production through groundwater abstraction in Laasdhure aquifer and connecting to the existing system at Geed Deeble

The third component involves drilling of 4-6 boreholes, design of the wellfield collector system, supply and installation of pipes, fittings, valves, and electromechanical equipment to connect the boreholes to the NGDPS.

Output 4: Technical studies

The fourth component involves conducting three technical studies: (1) Comparative advantage of investing in rural versus urban water supply projects, based on clear VfM considerations, risk, results, need and other possible financing options; (2) Study on increased accountability on performance and pricing of water in urban water supply systems including pro-poor tariff study; (3) Study on sustainable water provision to Hargeisa looking at the present water demand vs water supply, future water demand and population and city growth prospects and updating of the 2007 HWA master plan.

3. General description of the role

The SDF Secretariat intends to award supply and install contract for construction works to up to three different contractors as follows:

- LOT1: Supply and installation of 7,565m pipeline including civil works for the three boreholes and pipelines from the three boreholes to junction 3 or J-3.
- LOT 2: Supply and installation of 4,384m pipeline including civil works from J-3 to NGDPS.
- LOT 3: Supply and installation of electromechanical equipment/works on the three borehole pumping stations including installation of SCADA System for the three borehole stations and water reservoir at NGDPS.

The HWA Site Engineer will work under the Resident Engineer (RE) on a day-to-day basis and indirectly in consultation with the SDF Secretariat Sector Specialist. The Site Engineer will support the RE in the supervision of the construction of all the components of the Transmission System from Laasdhure Aquifer to NGDPS and involves managing several contractors and staff engaged to work with SDF and HWA.

4. Key Tasks

The Site Engineer will be responsible for the following:

- Assist the RE on all technical and administrative aspects of the supervision of the works under the construction of Laasdhure pipeline including the Electromechanical component.
- Support the RE in checking and approving setting out of the works, survey works and other activities which will be required to be carried out at a technical level by the contractors.
- Assist the RE in reviewing all working drawings, design proposals, method statements, and any requests for project activities.
- Assist the RE in supervision of the works to ensure compliance with the approved design, specifications, and sound engineering practice.

- Ensure site safety goals are achieved on the project and oversee implementation of safety procedures of the project.
- Arrange for measurement of works on the approved sections and agree records with the RE and cross-check with the contractors' records.
- Establish and maintain a record of all instructions and notices issued under the terms of contract. Keep a computerized summary of approval submissions and results.
- Maintain photographic record of the progress of the works, daily records of progress and quality of the works, schedules of the deployment of the contractors' plant and labour resources.
- Assist the RE in preparation of reports and as-built drawings of all completed bridges works.
- Prepare and keep daily work progress reports.
- Prepare a weekly report to the RE.
- Any tasks assigned from time to time by the RE.

5. Deliverables

- Interim Payment Certificates
- Progress reports
- Final reports

6. Performance evaluation and contract extensions

- The first one month of the assignment will be a probation period.
- Key performance targets will be agreed for the probation period and every 2 months after the probation period before the contract is signed off.
- Performance appraisal will be conducted every 2 months and will be based on agreed performance objectives and individual deliverables. This will be signed off by both the PM (after advice from RE) and the Sector Specialist on behalf of the SDF Secretariat.

7. Timing and duration

The Site Engineer will be issued with a 12-month contract which can be renewed based on satisfactory performance and depending on the duration of the respective project.

8. Required qualifications, skills, and experience

- Bachelors' degree in Civil or Water Engineering.
- Minimum of 4 years' experience in implementation and supervision of water supply systems.
- Minimum of 2 years' experience in interpreting technical specifications, drawings, bills of quantities as per the technical drawing book.
- Minimum of 3 years' experience in measurement and certification of water supply works and checking work quantity reported by contractor for Interim Payment Certificates (IPC).
- Minimum of 1 years' experience in review and certification of quality water supply materials procured by contractor for compliance with the BOQ and specifications.
- Proficiency in use of basic computer software such as MS Access, MS project Excel, Word, Power Point, AutoCAD.
- Demonstrated excellent command of spoken and written English and Somali.

9. Payment

- A monthly salary will be paid to the Site Engineer as part of the PMT payroll issued by the PMT and approved by the SDF Secretariat.
- Any other allowance will be in line with the Project Management Team Terms and Conditions of Service.