



Job Description

Country	Somaliland
Project Holder	Ministry of Livestock and Fisheries Development (MoLFD)
Project	Strengthening Artisanal Fisheries in Sanaag
Fund	Somaliland Development Fund Phase 2
IFA Title	Electromechanical Technician
Duration	12 months renewable contract based on performance
IFA No.	P101-126

1. Background to SDF

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 the NDP2 and reflect the priorities set out in Somaliland Vision 2030. Like in SDF1, all support will be aligned with government priorities as defined in Somaliland's second National Development Plan (NDP2) 2017-2021. 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 Ministry of Livestock and Fisheries Development Project

The SDF has allocated funds to the Ministry of Livestock and Fisheries Development (MoLFD) for the implementation of Strengthening Artisanal Fisheries in Sanaag Project activities. The proposed project is further building on the investments made under SDF1 in Maydh as well as Maydh jetty which is currently under construction. The project will strengthen the capacities of fishing communities and support them to market their catch. The project contains three major outputs:

Output 1: Capacity development

The first output relates to capacity development of MoLFD to enhance its ability to initiate, deliver, and support the management of investments/projects. Crucial for economic development and value

for money being realized as 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). In summary, the project will provide capacity development to MoLFD to plan, implement and sustain the interventions related to fish production, preservation, and marketing.

Output 2: Community governance

The second output relates community engagement and seeks to strengthen capacity to participate in and sustain project activities by three current local fisheries Committees in Maydh, Hiis and Laasuurweyn as well as Rasmi Fishing Association. Ultimately, the three fisheries committee (cooperatives) and one association will be expected to be able to better manage marine resources. Under this output, the project will facilitate reorganization of the four-community structure(s) into sustainable as well as inclusive organisations.

Output 3: Improved production of artisanal fishing in Sanaag region

This component will strengthen the fishing value chain by investing in required software and hardware. As such fishing communities will be trained in techniques to increase production and as well as ensuring that it reaches the intended market whilst minimising post-harvest losses. This output will specifically address the following parts of the fish value chain: 1) increasing fish production, 2) fish handling and processing, 3) fish transport and marketing, 4) equipment and services and 5) support to fishers' associations.

3. General Description of the Role

Under the direct supervision of the Project Manager (PM) and the SDF Secretariat Sector Specialist, the Electromechanical Engineer will be responsible for the following:

- Assessing and repairing of equipment including engines of boats and vessels.
- Install and run a workshop with all necessary equipment to repair marine engines and vessels in Maydh as well as neighbouring areas.
- Establish an electromechanical unit at Maydh and train at least 6 (two per location) local mechanics on repairing marine equipment and learn the basic troubleshooting.
- Installing new equipment in the specified locations as required.

4. Key Tasks

Under the supervision of the PM and the TA, the Electromechanical Technician will be responsible for the following:

Technical tasks

- Assess the state of key equipment that are currently on the ground and compile their functionality status.
- Isolate malfunctioning equipment and carry out repairs as necessary including boats and vessels with engine problems. This includes travelling to landing sites of the project locations and identifying boats or vessels for thorough assessment.
- Establish an electromechanical unit at Maydh and train at least 6 (two per location) local mechanics on resolving electric as well as mechanical problems and the basic troubleshooting of key equipment.
- Recommend the tools and equipment for electromechanical workshop and once they are purchased, lead in setting up and operationalising of the workshop.
- Diagnose and test the performance of equipment such as boat engines and electrical systems. Oversee testing (following a protocol such as conditions which tests are to be conducted and sequence of testing) and repair of marine machinery and equipment.

- Set-up a preventative maintenance programme (as part of a maintenance plan) for the key electrical and mechanical systems (boats, vessel, engines, pumps, boilers, generators, winches and more) resulting in performing routine checks.
- Supervise the activities of the trained mechanics engaged in the maintenance or repair of mechanical or electrical marine vessels and inspect their work to ensure that it is performed properly.
- Manage key spare parts, fuel, and lubricating oils during repair operations. Keep track of inventory and align with fisheries stakeholders for any additional required supplies. Provide materials needed to repair marine equipment and machinery (sound order process).
- Fabricate replacement parts such as valves, stay rods, bolts using metalworking machinery at the workshop
- Ensure clean and safe workplace at the workshop and location to store goods (include health, safety, and environment in the training).

Other tasks

- Support with technical and logistical activities required for the equipment.
- Support the cooperatives development officer with the preparations and process to distribute equipment to fisheries value chain stakeholders and up-taking required trainings to sustain the equipment.
- Work on any other assignment as agreed with the Project Manager and TA.

5. Deliverables

- Equipment functionality assessment report
- Equipment repair and installation report.
- Mechanics training programme and reports.
- Workshop reports
- Preventive maintenance programme
- Monthly and Quarterly progress reports.

6. Reporting and other relations

The EM Technician will work under the supervision of the Project Manager and the SDF Sector Specialist.

7. Performance evaluation and contract extensions

- The first three months of the assignment will be a probation period.
- Key performance targets will be agreed for the probation period and every six months after the probation period before the contract is signed off.
- Performance appraisal will be conducted every six months and will be based on agreed performance objectives and individual deliverables. This will be signed off by both the PM and the focal point on behalf of the SDF Secretariat.

8. Duration and location

The technician will be issued with a 12-month contract. The main location is Maydh with travel to Hiis and Laasuurweyn. Exposure visits with local mechanics to Berbera to advance their trainings may be required.

9. Required Qualifications/Skills

- Diploma in Electrical or Mechanical Engineering. Certificate in Electrical or Mechanical Engineering from a Technical Institute with a minimum of 10 years' experience will be considered.
- Minimum of 5 years' experience as electrical or mechanical engineer within a marine context.
- Minimum of 3 years' experience in managing electromechanical workshop where preventive maintenance including managing inventories is done.
- Minimum of 2 years' experience managing local mechanics with low literacy levels and supervising them while performing tasks.
- Minimum of 1 year experience interpreting technical drawings or blueprints and compliance schemes.
- Minimum of 1 year preparing and delivering electromechanical trainings (both classical and on the job).
- Demonstrated excellent command of spoken and written English and Somali.

10. Payment

- A monthly salary will be paid to the EM Technician 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 Teams terms and conditions of service.