

Terms of Reference (TOR)

Engineering Assistant

Background

The Smallholder Agribusiness and Resilience Project (SARP), a project jointly financed by the International Fund for Agricultural Development (IFAD) and Government of Sri Lanka, aims to build resilience and market participation of 40,000 rural households in the climate change affected districts of Anuradhapura, Vavuniya, Matale, Mannar, Puttalam and Kurunegala. This is pursued through capacity building for climate resilience and inclusive value chains, combined with investments for climate resilience and inclusive value chains including last mile infrastructure. The lead programme agency is the Ministry of Agriculture, which would be establish a dedicated project management unit (PMU) at central level and two regional hubs the implementation of SARP.

Scope of Work

The Engineering Assistant will assist the Senior Project Engineer with the planning, designing, implementation and management of the overall infrastructure related aspects of the project. He/she will assist with the review of designs and costing of various tank irrigation infrastructure, and help plan the construction activities, provide overall supervision of the construction of various infrastructure components planned under SARP in Anuradhapura, Vavuniya, Matale, Mannar, Puttalam and Kurunegala districts.

- Support Senior Project Engineer in planning all infrastructure related works, including overseeing of the engineering surveys, review of the design and costing of various infrastructure proposed under the project
- He/she will check the design of various components of the engineering infrastructure planned under the guidance of Senior Project Engineer for safety and cost effectiveness
- He/she will help in selection of contractors for execution of infrastructure related works, wherever necessary based on the set selection criteria
- He/ she will help in the planning and management of construction activities
- He/she will perform quality control and quality assurance of the infrastructure works based on the design of various components through random inspection.
- Assist the Senior Project Engineer in preparing terms of reference for the selection of service providers related to infrastructure works.
- Review the work performance of design consultant, contractors, other service providers related to the infrastructure, prepare monthly detailed report and submit to the Senior Project Engineer
- Ensure adequate quality control and quality assurance of the surveying works and construction works.
- Maintain an up-to-date record of the infrastructure activities, indicating clearly the planned vs the actual status of the progress of all the civil infrastructure related activities
- Carry out post review of completed works, indicating the performance considering the utilization of key parameters - manpower, machinery and materials

- Prepare periodic physical and financial infrastructure works progress reports, including a list of critical issues related to the progress of the works and feasible solutions and submit to the Senior Project Engineer
- Other duties as assigned by the Project Director/Senior Project Engineer.

Qualifications and experience:

Area of qualification / experience	Expected level of qualification / experience
Education:	
Undergraduate Education	He / She should have a completed a Bachelor's Degree in Civil Engineering or having obtained a certificate of proficiency on relevant field
Working experience:	
	At least five years of relevant professional experience working on infrastructure projects, particularly in the area of water resources.
	He/She should have related working experience in planning, implementation and monitoring of Civil works (preferably in water resources)
Other qualifications and experience	<ul style="list-style-type: none"> • Computer literate • Strong inter-personal skills • Strong analytical skills • Fluency in English and Sinhala and preferably Tamil

Duty station and duration

Colombo with frequent travel to the project sites.

Duration of services – 24 person months. Initially, the contract will be assigned for a period of twelve (12) months and its extension will be based upon performance evaluation.