



Regional Rusumo Falls Hydroelectric Project (RRFHP)

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Loan/Credit No. 5295 RW, 5296 TA, Grant No: H872-BI, H873-RW

Project N°: P075941

Request for Expression of Interest

RE-ADVERTISED

REQUEST FOR EXPRESSION OF INTEREST (REOI) -HIRING A FIRM FOR OPERATION AND MAINTENANCE ADVISORY SERVICES OF RUSUMO POWER PLANT (The model of O&M is Hybrid (RPCL Staff with Technical Assistance during initial years of operation))

Reference No: RW-NELSAP-RPCL -299884-CS-QCBS

The Republic of Burundi, The Republic of Rwanda, and The United Republic of Tanzania have received financing from the World Bank toward the cost of the NELSAP's Regional Rusumo Falls Hydroelectric Project and intends to apply part of the proceeds for the recruitment of a Consultancy Firm for operation and maintenance advisory services of Rusumo power plant

NELSAP/Regional Rusumo Falls Hydroelectric Project now invites Specialized consulting firms to indicate their interest in providing the services.

Interested consulting firms must provide information indicating that they are qualified to perform the services of similar nature, experience in similar conditions, and availability of qualified key experts

The consultant will carry out the following specific activities:

- To support services of Operations of RPCL Facilities and Maintenance of all RPCL Equipment.
- Quick customer 24/7 service, to accept any requirement for support as created and triggered by RPCL regarding equipment. The Firm should offer rapid solution-oriented services to solve any problem which occur as soon as possible to bring the units back online. Additionally, to provide diagnosis for repairs both on-site and remotely.
- Develop O&M strategies by guiding RPCL to establish goals and matching goals to situation with appropriate long-term generation plans.
- Offer advice regarding quality of services to meet the overall goal of improving service reliability throughout the system.

- Design and implement better policy and regulations to improve RPCL's financial activities with relevance to budget spending.
- Advise and guide RPCL staff in monitoring the budget, analysing financial plan results, identifying, and evaluating new financial strategies and recommending changes in goals and plans.
- Advise and develop strategies to expand access to other available power markets. Scale-up access is an important component of the RPCL's long-term economic growth plan and is one of the RPCL's highest priorities in the context of the Power Market. Lack of access to other Countries energy services can constrain RPCL's growth potential. This can contribute to loss of revenue and isolation from various Power Pools, and affects provision of other key services Market, such as East Africa Power Pool, Southern Africa power pool and other countries.
- Advise and develop strategies to improve capacity on management of environment (water hyacinth management, biodiversity monitoring, water quality monitoring, etc.), Health (health of staff) and safety (Safety of workers during operation and safety of infrastructure). RPCL would like to ensure that measures of health and safety are regularly respected the PPE for workers, the safety material and equipment are regularly serviced (fire extinguishers, etc.). The Firm will train the staff on how to monitor and manage the Environment, Social, Health and Safety (ESHS) related issues.
- The Firm will provide more in-depth training on Operation and Maintenance Best Practices

The consulting firm shall possess strong experience in operation and maintenance of hydroelectric power plants with at least 10 years of experience in Operation and Maintenance (O&M) of mechanical and hydro-mechanical systems of Hydropower plants with at least 5 similar completed assignments of the similar nature funded by World Bank or other donors

The firm should have experience in conducting on job trainings, transfer of knowledge and exchanges

The firm should propose the highly qualified and experience key staff to perform the work as follows.

1. **Mechanical Engineer** with a minimum Bachelors' Degree in Mechanical Engineering and experience in O&M of mechanical and hydro-mechanical systems of Hydropower plants
2. **Electrical Engineer** with Bachelors' Degree in electrical engineering and experience in O&M of Electrical and Electro-mechanical systems of Hydropower plants
3. **Electrical/Electronic/IT Engineer with** Bachelors' Degree in Electrical/Electronic/IT Engineering and an expert in O&M of Supervisory and Control systems of Hydropower plant focusing on Automation and SCADA systems
4. **Hydropower Environmental, Health, Social and Safety Management Expert.** The expert should have a minimum master's degree in Environmental Management, Health, Social and Safety with experience in construction and operation of power plants
5. **Financial, Accounting and Administration Specialist** with a minimum Bachelors' Degree in Finance and an expert in Financial Operations in the hydropower plant focusing on energy / energy billing and revenue collection of Hydropower power plants business

Note: The firm is required to submit a list of the key staff with qualification and experience but not individual bio data (CV)

