

REQUEST FOR EXPRESSION FOR RECRUITMENT OF CONSULTANCY FIRM TO REVIEW THE DESIGN AND SUPERVISION OF THE CONSTRUCTION WORKS FOR NYABARONGO II HYDROPOWER PLANT PROJECT (43.5MW)

Ref Number: 000002/C/ICB/2019/2020/EDCL

Source of Fund: Government of Rwanda

1. Background

The site of Nyabarongo II Hydropower Plant is on the Nyabarongo River in the middle part of Rwanda. The straight distance from the dam site to Kigali Capital City is about 20.5km and the highway mileage is about 27km. The normal pool level of the reservoir is 1,419m and the total installed capacity of the hydropower station is 43.5MW (3×14.5MW). The power plant will be a dam-based power plant, and apart from power generation the dam will serve for the purpose of flood control to enable agriculture activities downstream of the dam.

The project structure is composed of rockfill dam with clay core wall, left-bank open spillway, diversion and power generation system, sand flushing and emptying tunnel, power house and tailrace channel, switchyard along with the 110kV power evacuation single circuit line of 19.2km to Rulindo substation.

2. Objective of the assignment

The general objective for the consulting firm is to act on the behalf of the client in fulfilling the scope of its contract and the designated duties as identified and assigned in construction contracts with third party contractor, mainly to undertake design review of Nyabarongo II HPP and ensure that construction of the power plant and its ancillary works are implemented through EPC Contract in an orderly manner with a high standard of workmanship and specified quality of materials within the scheduled construction period of fifty six (56) months, and in conformity with the approved drawings, specifications and contract management as per FIDIC (Yellow Book, edition 1999) Conditions of Contract for Construction, acceptable environmental standards and in accordance with the Client's requirements.

3. The Scope of work

The Consultant selected for shall ensure a professional, strong and high-quality supervision of construction works from the review of existing Project designs up to the completion of contract and its liability period. The main tasks (but not limited) to be carried out the following:

- Conduct a daily supervision for EPC Contraction works mainly review of detailed design for civil Works, Hydromechanical (HM) and Electrotechnical (EM) Works;
- Conduct a Project Management Consultancy (PMC), Contract and Construction Management, Completion of Construction and Taking-over by the Client;

- Any other tasks related to the EPCs supervision of which the scope shall be provided in RFP

4. Eligibility criteria

- Submission of a signed expression of interest for being considered or Shortlisted for the bidding stages;
- The EoI should provide information on Consultancy firm in line with experience. The latter should be proven by a sufficient number of similar assignments completed in the field of Supervision of works for construction of Hydro Power Plants (HPP), Engineering Procurement Contract (EPC), and other related Complex works;
- The Consultancy Firm should demonstrate its Regional experience;
- General information on the firm or firms, its addresses, including main business, ownership, its shareholders, company group and subsidiaries, its organizational structure, main country/ies of establishment and operation, certificate of its incorporation, duration of business activities, etc;
- In the case of Joint Ventures or Associations, it should be registered, and the JV or Association agreement should be signed by both parties and must be included in the Expression of Interests. The JV/Association with Rwandan Companies are encouraged and shall be given more weight;

5. Summary of the requirements for the key personnel

The Consultancy Firm should have a strong team of qualified and experienced staff as (Project Manager, Contract & Claims Specialist, Senior Hydraulic structural Design Engineer, Senior Electromechanical design Engineer, Senior Electrical Design Engineer, Environmental Specialist, Resident Engineer-Project Manager, Geo-technical Expert/ Dam expert, Resident Engineer (Civil), Resident Engineer (Electromechanical), Resident Engineer (Electrical), Quality Safety and Health Specialist, Planning and Scheduling Engineer and Material Specialist. The qualification and experience of the proposed shall be assessed during the shortlist.

6. Submission of EOI

Expressions of Interest in English should be submitted through e-procurement system (www.umucyo.gov.rw) not later than **03/10/2019 at 17:00 local time (15:00 GMT)**

Done at Kigali, on 12/09/2019

RUHIGULA Jackson GAFULEKA
Head Procurement Management Service

Felix GAKUBA
Managing Director