

REQUEST FOR EXPRESSIONS OF INTEREST FOR CONSULTING SERVICES TO UNDERTAKE SMALL HYDROPOWER MAPPING AND PLANNING IN VANUATU.

VANUATU ENERGY SECTOR DEVELOPMENT PROJECT

Grant No.: TF 14987

Expressions of Interest

The Government of Vanuatu's Department of Energy has received funds from the World Bank towards the development of the energy sector in Vanuatu, and intends to apply part of the proceeds for consultant services. The services include undertaking a mapping project on small hydro resource potential in Vanuatu that will aim to improve the quality and availability of information on Vanuatu's small hydro resources. The project will provide the Government of Vanuatu and commercial developers with ground-validated maps that show the varying levels of hydropower potential throughout the country, and highlight several sites most suited for small hydropower projects. The maps will (i) contribute to a detailed comprehensive assessment and geospatial planning framework for small hydro resources in Vanuatu; (ii) verify the potential for the most promising sites; (iii) prioritize sites and facilitate development of new small hydropower projects and ideally guide private investments into the sector; and (iv) increase the awareness and knowledge of the Government of Vanuatu on renewable energy potential.

The study will be conducted in two (2) phases – Phase I will assess the potential and costs of applicable renewable energy technologies, prioritize potential interventions and facilitate discussions of these results with stakeholders. Based on the outcomes of Phase I, Phase II will develop the draft investment plan for the prioritized renewable energy investments that can be undertaken during the 2016-2020 period. The work should build upon the work undertaken and support the objectives of Vanuatu's National Energy Road Map.

Team Composition

The Consulting Firm must present a multi-disciplinary team to provide services in accordance with these Terms of Reference (released upon request) and shall have the following key experts and team composition, which will be part of the technical evaluation.

- An experienced Team Leader with at least 15 years of hydropower planning and preparation, and with experience of small scale hydro development. The Team Leader will provide the overall leadership and management of the team undertaking the mapping and planning exercise and will ensure that deliverables produced are of high quality and submitted within the required timeframe.
- A GIS expert with at least 10 years of experience in building up GIS-based databases, preferably with experience from the power sector. The GIS expert will be charged with developing the small hydro database and maps produced from this mapping and planning exercise.
- A Power System Engineer with at least 10 years of experience in planning of power systems. The Power System Engineer will provide technical inputs into mapping and planning assessment as part of strengthening the viability of the potential sites identified.

The Consulting Firm shall in addition have access to a pool of expert for areas that are important for small hydro development, such as e.g. civil engineer, hydrologist, geologist, environmental and social experts. The inputs from the pool of experts are assumed to be small but it is essential that the Consulting Firm has access to such group of experts for advisory support to the key experts.

Duration of Assignment

The consultancy assignment is anticipated to be undertaken over the period January to June 2016 and all activities or tasks required for this consultancy assignment should be completed before 30th June 2016.

The Department of Energy now invites eligible Consulting Firms to indicate their interest in providing the above-mentioned services. Interested consultants must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc. from firms and CVs of individual consultants). Consultants may associate in the form of a joint venture or sub-consultancy to enhance their qualifications. . In case of a Joint Venture (JV), all members of the JV will be evaluated jointly for the purpose of short listing and shall be jointly and severally liable for the assignment and shall sign the contract jointly in case of award is made to that JV group. Interested consultants should clearly indicate the structure of their “association” and the duties of their partners and sub consultants in their application. Unclear expressions of interests in terms of “in association with” and / or “in affiliation with” and etc. without indicating the status of the partnership and designation of the lead partner may not be considered for short listing.

A consultant will be selected in accordance with the procedures set out in the World Bank’s [*Guidelines: Selection and Employment of Consultants by World Bank Borrowers*](#) (January 2011 edition).

A Consulting Firm will be selected in accordance with the Selection Based on Consultants Qualifications (CQS) method set out in the Consultant Guidelines.

Interested consultants may obtain further information including the detailed Terms of Reference at the address below during office hours of 7:30am to 4.30pm (Vanuatu time) on business days, Monday to Friday.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by e-mail) by **Friday, 8th January 2016**

Department Of Energy
Attention: Elizabeth Sam Waiwai, Project Implementation Assistant
PMB 9067, Port Vila, Vanuatu
Tel: +678 5333840
Mobile: +678 7118243
E-mail: ewaiwai@vanuatu.gov.vu