



VOLTA RIVER AUTHORITY CONSULTANCY SERVICES

Pwalugu, Kulpawn, Daboya and Juale Hydroelectric Power Projects Feasibility Study --

REQUEST FOR EXPRESSION OF INTEREST (EOI)

The Government of Ghana (GoG), as part of its energy sector strategy, is seeking to promote the development of potential Hydroelectric Power sites in the Volta River Basin as a way of enhancing energy supply security. With this strategy, the Government aims to expand generation capacity to support its programme of accelerated rural electrification as well as to support the economic development of Ghana.

In line with the GoG strategy of promoting the development of potential Hydroelectric Power sites in the Volta River Basin, the Volta River Authority (VRA) is seeking an appraisal of the potential Hydroelectric Power Sites at Pwalugu, Kulpawn and Daboya on the White Volta River and Juale on the Oti River. This is to attract investors in the development of the projects, if the projects are found to be technically feasible, economically viable and environmentally sustainable.

In this regard, VRA is seeking a Consultant/ Consultants to study the feasibility of developing the potential Sites identified on the White Volta River, as well as on the Oti River, for electric power generation and other benefits like flood control, irrigation, navigation, recreation, fisheries, etc.

The Consultancy services, which will be financed from VRA's own resources, are required for a feasibility study into constructing the Hydroelectric Power stations on the White Volta and Oti Rivers.

The Services and responsibilities of the consultant(s) shall include, but not limited to, the following:

- Initial Assessment
- Geotechnical investigations
- Geological investigations
- Hydrological Analysis
- Energy Generation Capability
- Project Design
- Financial Assessment

- Economic Assessment
- Preliminary Environmental and Social Impact Assessment (ESIA), including an estimate of the cost of environmental impact mitigation
- Preparation of Tender Documents

The Consultant(s) shall identify and assess the effects of the development of new dams on existing hydroelectric power plants' operations. They will also determine the optimal operation of the new Hydroelectric Power plants in conjunction with the existing system to optimize hydro and thermal mix of electric power generation in Ghana.

The VRA now invites interested Consultants to indicate their interest in providing the above mentioned services.

Interested Consultants should provide information indicating their qualification to undertake such an assignment including, but not limited to, the following:

- Brochures
- Description of comparable assignments and experience in conducting such assignments under similar conditions
- Availability of appropriately skilled personnel, including their CV, staff skilled in hydro power plant development studies and design.

Consultants may associate to enhance their qualifications and are to provide three (3) original copies of their Expression of Interest. Consultants would be selected based on the Public Procurement Act, 2003 Act 663 of Ghana (more information on the Public Procurement Authority guidelines may be found at www.ppa.gh.com).

Interested consultants can obtain further information at the address below from 8:00 GMT to 16:00GMT on weekdays excluding holidays.

*The Director, Engineering Services
Volta River Authority (Akuse)
P.O. BOX MB77
Accra- Ghana*

*Tel.: +233 (0) 30 2668910 / (0)30 2664829
Fax: +233 (0) 30 2660040
E-mail: dengsd@vra.com or sesd@vra.com*

The Expression of Interest in sealed envelopes marked "EOI White Volta River and Oti River Development Projects" must be delivered by 12:00 GMT to the address below by September 1, 2010.

*The Chief Executive
Volta River Authority
Conference Hall, Cafeteria building
28th February Road*

*P.O. Box MB77
Accra Ghana*