

Request for Expressions of Interest (REOI) (Firms Selection)

Country: Federal Democratic Republic of Ethiopia

Name of Project: Ethiopia Geothermal Sector Development Project (GSDP)

Project No: P133613

Reference No: ET-EEP-276005-CS-QCBS

Assignment Title: Consultancy Services Related to the Development of a Geothermal Strategy and Plan (6 years) for EEP.

The Government of the Federal Democratic Republic of Ethiopia has received financing from the World Bank towards the cost of the Ethiopia Geothermal Sector Development Project (GSDP), and intended to apply part of the proceeds for consulting services of firms that provide to assist in the development of the strategy and plan related to the Development of a Geothermal Strategy. In order to establish a long-term strategy and accompanying short-term plan for geothermal development, Ethiopian Electric Power is seeking a Consultant(s) to assist in the development of the strategy and plan. The services of the Consultant are anticipated to be 12 months after contract signing or until the strategy and plan are accepted by EEP. The services included under the assignment are:

Phase I: Data gathering

- The Consultant will begin with becoming familiar with the management structure of the EEP, GSE, MoF Public-Private Partnership Directorate and the EEP Geothermal Project Implementation Unit, and any other institution relevant to geothermal development in Ethiopia. The data gathered shall be utilized to better develop and understand how to recommend an action plan for the implementation of the strategy.
- The Consultant will review and build on previous work done, which include but is not limited to:
 - The New Geothermal Proclamation,
 - The Public Private Partnership Proclamation,
 - The Mining Proclamation,
 - The Electricity Proclamation and the Environmental Proclamation as well as implementing Rules and Regulations and Directives promulgated relative to each Proclamation.
- JICA report from 2015 on geothermal site ranking
- Previous drilling plans and strategy planned by EEP

Phase II: Data management and surface studies

- The Consultant will provide guidance to EEP relative to data acquisition and management protocols and structure which will allow for the establishment of a "data management system" at a later stage that can be accessible to all potential private and public sector bidders vying for the rights to develop and operate geothermal facilities through EEA. All data available from surface studies as well as from ~~confirmation~~ confirmation drilling must be stored, easily accessible and manageable

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- The Consultant will make recommendations as to the need for staff and development of education and training plans. They will also make recommendations as to the purchase and setup of needed exploration tools, software, and development of analytical and laboratory facilities including budgets for the purchase of the needed equipment and construction of required facilities. And where appropriate recommend the development of tenders for contractors that would be more appropriate to use than internal staff. These recommendations shall include a realistic timeline for these activities.

Phase III: The geothermal site ranking (6 years)

- The Consultant shall re-evaluate the potential and status of surface exploration at each of the 22 sites already identified in the 2015 JICA report and initially ranked by JICA. The Consultant shall review and propose new ranking criteria based on resource potential, degree of difficulty of construction and cost of required infrastructure and critical institutional and environmental criteria. The methodology shall be reviewed and approved by the advisory board.
- For each site, an exploration development plan and site readiness evaluation shall be presented with a clear description of the steps needed as well as the cost. The cost estimation and planning shall be at a Class 4 stage according to AACE guidelines. Cost shall include e.g. staff, rig maintenance and consumables, infrastructure, drilling, grid connections, power plant.
- Site readiness includes evaluation of but is not limited to: infrastructure, grid connection, water availability, main environmental and social impacts, and land compensation.
- The Consultant shall make sure all legal, regulatory requirements are fulfilled and identify gaps if any.
- After a thorough review of the existing data, geothermal potential, cost estimation and schedule preparation, the Consultant shall propose ranking criteria for the selection of the most attractive sites. The ranking criteria shall be approved by the advisory board. The Consultant shall develop a revised and ranked listing of the most attractive sites to be targeted for early development.
- Based on the final ranking, the Consultant will recommend the appropriate exploration strategy for each of the highest-ranked sites (for 6-year development beyond the current program) including cost estimate. This should include but is not limited to geological studies, geochemical studies, geophysical studies, including required infrastructure and drilling to allow for the work to be completed in a timely manner

The Ethiopian Electric Power (EEP) now invites eligible consultants (“Consultants”) to indicate their interest in providing the Services. Interested Consultant/s should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The short-listing criteria are:

1. Core business and year in business;
2. Relevant Experience in the field of assignment;
3. General qualifications and number of key staff.

Note: Individual experts’ biodata/CV are not required to be submitted with the Expression of Interest. Only a summary of educational qualifications and the experience of available personnel are required.

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The attention of interested Consultants is drawn to Paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011 revised July 2014 ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest. Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications.

A consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Consultant Guidelines. Further information can be obtained at the address below during office hours from Monday to Friday, 8:30 AM to 5:00 PM local time. Expressions of interest must be delivered in a written form to the address below in person or by mail or by e-mail until 10 March 2022, 4:00 PM local time (Addis Ababa, Ethiopia).

The address (es) referred to above is (are):

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