

**REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTING SERVICES – FIRMS SELECTION)**

Georgia

World Bank -Regional Development Project – (P126033)

**Preparation of Feasibility Study and Detailed Design for Rehabilitation of Water Supply,
Sewage System and Wastewater Treatment Plant in Village Omalo in Akhmeta Municipality**

Reference No. IBRD/RDP/CS/CQS/06-2015

Georgia has received financing from the World Bank toward the cost of the Regional Development Project, and intends to apply part of the proceeds for consulting services.

The consulting services ("the Services") include Preparation of Feasibility Study and Detailed Design for Rehabilitation of Water Supply, Sewage System and Wastewater Treatment Plant in Village Omalo in Akhmeta Municipality.

The main objective of the assignment is:

1. Preparation of Feasibility study including:

- Technical and economic justification of SP, including reviewing of alternatives;
- The project should include necessary data for economic analysis, such as capital expenditures (CAPEX) and operational and maintenance cost (OPEX) of proposed project design, NPV calculations.
- Proposed project must include at least two technical options. These must be accompanied by appropriate data for each option. Preference shall be made to the options with low energy consumption, easy operation and maintenance. For evaluation of WWTP design options geographical, cultural heritage and historical aspects of Omalo village and touristic infrastructure development prospects shall be considered to avoid nuisance of the local population and tourist. The methodology for calculation of costs and the data source must be also included.
- Recommendations regarding SP's implementation plan and tentative schedule for implementation;
- SP problems and risk analyze;
- SP parameters;

2. Preparation of an Environmental Management Plan including:

- assessment of environmental and social implications of SP at the construction and operation phases;
- identification measures appropriate for mitigating negative environmental and social impacts. (fill out an Environmental Management Plan (EMP) Checklist developed by the World Bank as a template for simplified environmental management planning for small to medium construction and rehabilitation works with the expected low environmental risks.)

3. Preparation of detail design including (Design shall be elaborated in detail level for the civil works contracts executed according to Employer's Design) but not limited to:

- Inventory of existing infrastructure;
- Calculation of water demand based on projected number of population and touristic load in low and peak seasons;
- Topographic survey UTM (international) coordinate system; Land cadastral information;
- Geological conditions;
- Hydrological conditions;
- Hydraulic calculations;
- General layout and plans;
- Detail design of water supply headwork and water main (structural and technological part, pressure pipelines);
- Detail design of sewage collectors including sewage manholes, gravity and pressure (in any) pipelines;

- Artificial structures (storm water channels, slope protection, operational access road) for protection and operation of water and wastewater infrastructure.
- Detail design of WWTP. Structural, technological, electrical parts; treatment process parameters based on Georgian regulations and Waste Water Management Strategy approved by Georgian government. Recommendations for sludge management and disposal;
- Longitudinal profiles and typical cross sections of pipelines;
- Structural and technological drawings (sections, details of reinforcement and steel work, specifications and layout of technological and electrical equipment);
- Work organization project with time Schedule;
- Bill of Quantities (BoQ) for works to be implemented, including all items;
- Cost estimations
- CAPEX for works to be implemented (unit rate breakdown by resources and summarized unit rates);
- OPEX for annual running costs itemizing drinking water, sewerage evacuation/ treatment, storm-water, electricity, heating, solid waste, roads/plowing and any other required services; define institutional entities and arrangements for each service. OPEX for sludge management and disposal;
- Operational strategy. Identify the entity, which will operate facilities and ability to cover OPEX costs; assess whether the existing customer tariff is sufficient to cover the annual OPEX – or tabulate the gap. Identify technical capacities (and respective time inputs) required for O&M of the proposed facilities and compare with the operator's personnel to identify any needs for hiring/ training; incorporate training program by contractor in tender documents, accordingly;
- Detailed and general specifications of bidding documentation;
- Environmental Management Plan (EMP);
- Photographic material.
- Permits and approvals:
 - Construction permit to be issued by Akhmeta Municipality – not more than 4 weeks after submission of design;
 - Approval of the design by National Agency for Cultural Heritage Preservation of Georgia– within 4 weeks after submission of design;
 - Approval of the design by Agency of Protected Areas – within 4 weeks after submission of design;

The tentative duration of this assignment is **3.5 months**.

The Municipal Development Fund of Georgia now invites eligible consulting firms ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. Expression of interest should cover, but not limited to: corporate profile, years in business, experience relevant to the project activities, key staff resources, and core business. The shortlisting criteria is:

- Similar experience within the last 7 years (i.e. since January 2008).
- General experience.

Note: the MDF reserves it's right to verify submitted references and use obtained information for evaluation purposes.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's *Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers - [January 2011, revised July, 2014](#)*. ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

Consultants may associate with other firms. (Please take into account that form of association acceptable for the World Bank is either sub-consultancy or Joint-Venture and submission must clearly indicate the nature of the association. The experience of sub-consultants will not be taken into account while evaluating the corporate experience of the consultant).

Experience in the projects relevant to the assignment should be submitted in the Form N1 uploaded at MDF website on the following link: <http://mdf.org.ge/wp-content/uploads/2014/02/Form-for-References.pdf>

The consultants are strongly recommended to limit their Expression of Interest to 30 pages. Company brochures may be included as an Annex, and will not be affected by the limit of 30 pages.

A Consultant will be selected in accordance with the Consultant's Qualification Selection Method (CQS) method set out in Section III of the [*Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers - January 2011, revised July, 2014.*](#)

Further information can be obtained at the address below during office hours from 09:00 a.m. to 18:00 p.m. at Procurement Unit of MDF, Phone number: +99532 2437001, extension 409, Mrs. Tinatin Katchkatchishvili, Procurement Specialist.

Expressions of interest must be delivered in English in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by **August 13, 2015, at 17:00.**

Municipal Development Fund of Georgia
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