

Terms of Reference and Scope of Services
HVAC and Electrical Engineer - Consultant
Third Regional Development Project (RDP III)

Background

Construction-rehabilitation of Georgian infrastructure is one of the priorities of the country in the way of its building. The Municipal Development Fund of Georgia (MDF) established by the Government under the Ministry of Regional Development and Infrastructures (MRDI) implements reconstruction-rehabilitation of infrastructure on the whole territory of Georgia. For above mentioned goal the Fund actively cooperates with various international donors whose finances together with the funds of the budget of Georgia make the source of financing of the Fund for implementing various infrastructure projects.

Georgia has received financing from the World Bank toward the cost of the Third Regional Development Project (RDP III). The Project focuses on Samtskhe-Javakheti region in the south and Mtskheta-Mtianeti, an economically growing region close to the capital. The Project aims at supporting the local economy in the regions by carrying out an integrated approach to tourism development, focusing on infrastructure, urban regeneration, cultural heritage restoration, skills development and enabling the environment to attract private sector investments.

Infrastructure investment component of RDP III includes urban regeneration of old towns and villages, including restoration of building facades, public spaces, museums, roads and water, and enhancement of cultural and natural heritage sites, including access and presentation. Several subprojects are defined to be implemented in Samtskhe-Javakheti and Mtskheta-Mtianeti regions under the RDP III.

Overall management and coordination of implementation and supervision of Project will be executed by the Municipal Development Fund of Georgia (MDF).

The MDF is also in charge of implementation of other projects financed by the World Bank – Regional Development Project (RDP), Second Regional Development Project (RDPII), Second Regional and Municipal Infrastructure Development Project (SRMIDP) and Sustainable Wastewater Management Project (SWMP) are currently being implemented by the MDF.

Objectives of the Assignment

The main objective of the assignment is to support the MDF Project Appraisal Unit in carrying out comprehensive design review under RDPIII, as well as other World Bank-financed projects – RDP, RDPII, SRMIDP and SWMP. In order to achieve this objective, the consultant shall:

- Perform review of heating, ventilation, air conditioning and electrical (HVAC&E) parts of subprojects submitted by the design companies and beneficiaries to ensure compliance of designs with local and international Design Codes and Standards active in Georgia;
- Checking of HVAC&E calculations and technical solutions provided in the design;
- Review of Technical Specifications;
- Site inspection of subprojects to be rehabilitated;
- Preparing design review reports including comprehensive analysis and comments to HVAC&E parts of the designs;
- Participation in preparing of Terms of References for design services;
- Assist MDF Project Appraisal Unit for technical assessment of variations/amendments of civil works contracts during implementation phase;
- Performing other related tasks as required.

Qualifications

1. Professional Experience: At least 4 years of experience as a HVAC&E engineer.
2. Thorough knowledge Construction/Design Codes and Standards active in Georgia related to HVAC and electrical engineering;
3. Working experience in designing, site inspection and assessment of conditions of HVAC and electrical systems/installations of buildings;
4. Working experience in preparation of technical specifications for construction works.
5. Working knowledge of English and Georgian languages is mandatory.

Duration and staff inputs

The duration of the assignment is 12 months. It may be extended upon mutual agreement.

This is a full - time assignment.

Expected Output/Deliverables and Reporting Format

The Consultant shall submit reports on monthly basis. Monthly reports shall include the list of services carried out during reporting period. Reports should be prepared in Georgian language and will be provided in two hard-copies.

The Consultant works under direct supervision of the Head of Project Appraisal Unit.

Facilities and Services to be provided by the Client

The Client shall provide office area and facilities, office equipment and communication necessary to carry out the services. The Client shall also provide all necessary information and documents for that purposes.

Annex B: Consultant's Reporting Obligations:

Deliverables	Submission Date	Language
Monthly Report	Within 10 days from the end of reporting period	Georgian