**Vacancy (local candidates):** Heating Expert - Short term consultancy to support Public Technical Consultations on “Use of Electrical and Thermal Energy” in Tajikistan

**Project:** USAID project to support Central Asia Regional Electricity Market, implemented by Tetra Tech Inc.

**Duration of the assignment:** 60 days

**Assignment location:** The position is located in Dushanbe, Tajikistan

**Background**

The U.S. Agency for International Development (USAID)’s project is supporting the development of the Central Asia Regional Electricity Market (CAREM) through providing technical and regulatory assistance, as well as capacity building to all Central Asian countries in their efforts to create an economically viable and sustainable regional market to trade electricity and ancillary services. CAREM implementation is envisioned to follow a staged approach as follows:

1. **Improving technical conditions that facilitate regional power trade.** The starting point is an assessment of the condition of all national transmission systems using electrical studies to recommend network upgrades, seeking to strengthen existing tie-lines and expand and modernize power substations to accommodate larger two-way power flows. This will also enable all national grids to be operated in a coordinated manner.

2. **Increasing the Volume of Bilateral Power Exchanges.** Simultaneously with seeking improvement to the regional power infrastructure, the USAID project team is identifying the barriers preventing CA countries to increase the volume of bilateral power exchange. The USAID project team is conducting a region-wide review of power sector regulations, national policies, laws, grid codes, power system operating rules and procedures, and commercial rules and regulations. It is expected that once obstacles are removed and the volume of power exchange increases, the conditions will be in place to transition to a multilateral platform where power and ancillary services can be traded at a regional scale. The final step will be a migration from the multilateral platform to a competitive and open regional electricity market.

The Tajik power system is dependent on local hydropower generation resources, with hydropower constituting approximately 99 percent in the overall national energy mix. Tajikistan’s energy intensity, measured as energy consumed per unit of GDP, is twice the world average and three times the intensity of typical developed countries. To support Tajikistan in the power sector reforms, USAID and the Ministry of Energy and Water Resources (MEWR) have signed an MOU. The Action Plan for the MOU implementation was developed and agreed with MEWR and Barki Tojik (BT) with specific areas of cooperation.

In the end of 2018 – beginning of 2019 Energy Links USAID project assisted MEWR in updating of the “Rules for Use of Electrical and Thermal Energy” that should be discussed at public technical consultations. Preparation and conducting of public technical consultations will
take 3 months. USAID project will assist Tajik counterparts on this assignment through providing a qualified local electricity expert to support international expert by collecting local data, communicating with MEWR Working Group, and conducting public technical consultations.

**Duties and responsibilities:**

Under the supervision of the international expert, the heating expert will provide support to public consultations related to the “Rules for the use of electrical and thermal energy”.

The responsibilities will include:

- Under the guidance of the international expert will work with local stakeholders to prepare and participate in the public consultations related to the “Rules for the use of electrical and thermal energy”;
- Undertake the consultations in coordination with MEWR;
- Prepare a report documenting the consultations’ results and feedback from stakeholders;
- Support the Ministry on agreeing the “Rules for the use of electrical and thermal energy” with the ministries, agencies and the Government of Tajikistan;
- Coordinate with assigned representatives of MEWR and working group the issues related to conducting public consultations;
- As required, provide technical input for the working group consideration
- Develop and submit to the USAID Project Chief of Party and Deputy Chief of Party Weekly Reports weekly reports summarizing the support provided such progress in preparation, organization and conduction of meetings, discussions with stakeholders, public technical consultations, etc.

**Education and professional experience required**

- Bachelor degree or higher in heating technical field, preferably district heating system installations and/or operation
- 10 years of experience in energy sector operation particularly as it relates to application of Rules and Standards.
- Experience in conducting of the public consultations related to approving of the public documents
- Experience on development of the normative-legal acts and familiarization with the adoption procedures of technical and legal documents
- Fluency in Russian and Tajik languages is required

Please send your CV to Oleg Ryaskov at Oleg.Ryaskov@tetratech.com by March 13, 2020 18:00 Tajikistan time.