POWER THE FUTURE PROGRAM
Power the Future (PtF) Project
Central Asia Regional Electricity Market (CAREM) Project
The USAID Power the Future Program hereby invites to apply for the following position: AUCTIONS AND POWER MARKET SPECIALIST.

Background
The US Agency for International Development (USAID) launched the Power the Future (PtF) project and Central Asia Regional Energy Market (CAREM) project, which end on August 23, 2021 that provide technical assistance and capacity building to all five Central Asian countries to promote the Renewable Energy in their national generation mix and meet governments’ clean energy and emission reduction targets, as well as to strengthen and operate an economically viable market-based regional power system in order to enhance energy security, promote economic growth, attract private investment in each country’s power sector, and allow for increased cross-border electricity trading between countries in Central Asia and with some countries in South Asia.

The PtF and CAREM projects are being implemented by Tetra Tech under the Power the Future Regional Program and their activities will be implemented in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. The projects are working closely with national governments, donors, national transmission system operators, national regulators, and other key national and regional stakeholders, to address the policy, legal, regulatory, technical and financial barriers preventing countries to promote renewable energy and increase cross-border electricity trade.

PtF has several workstreams, focusing on assistance to the national governments to increase renewable energy in their generation mix through implementation of the best international practices in RE auctions implementation, development of RE integration models and studies as well we improving local market conditions in order to accommodate increased RE integration.

CAREM will have two workstreams which will proceed in parallel to meet project objectives. The activities under the workstreams are:

- **Improving technical conditions to facilitate trade.** Activities will include: (a) conducting an initial high-level assessment of the condition of all national transmission systems, focusing initially on getting existing interconnections strengthened, and national transmission systems upgraded/ modernized and operated in a coordinated manner with neighboring systems to enable and increase in the volume of existing power exchanges. This will be followed by the preparation of a broad power system study that will result in specific recommendations for improving the power infrastructure in the region.

- **Increasing the volume of bilateral power exchanges.** This will include: (a) addressing present obstacles preventing bilateral electricity trading in larger volumes, and formulating recommendations to overcome them; (b) reviewing national policies, laws, and regulations seeking to harmonize them, and drafting regional rules and procedures to create the necessary conditions leading to the implementation of a sustainable regional cross-border power exchanges using a common trading platform.

Duties and Responsibilities
Auctions and Power Market Specialist will bring a good working knowledge and a strong track-record in power markets, as well as experience in implementation of auctions, development of auction rules and development and implementation of auction IT platforms. The Auctions and Power Market Specialist will report directly to the Chief of Party of PtF and CAREM, and will be responsible for development of auction approaches, including for RE and Flexible generation, development on auction concepts and rules, as well as assisting and overseeing the development of IT platforms. The current state of market development shall be considered and approaches are synchronized with.
In this capacity, he/she will:

- Work with national counterparts and projects teams to collect and analyze approaches and methodologies considered for implementation of generation auctions.
- In cooperation with projects teams and counterpart, propose the best auction concept for required generation, based on the best international experience and considering the existing power market structure and rules.
- Supervise and support the work of subcontractors when carrying out implementation of generation resources auctions.
- Conduct presentations and participate in the meetings with counterparts and projects’ technical team. Prepare technical presentations highlighting the significant aspects of considered and/or proposed concepts.
- Liaise with counterparts in the partner countries to advance the objectives of PtF and CAREM;
- Participate in knowledge sharing and capacity building activities with stakeholders, and prepare and deliver professional presentations on different topics related to power system planning and operation;

Requirements

- Bachelor’s degree in power engineering or economics or computer science. A master’s degree would be preferred.
- At least five years of relevant professional experience working in power sector in power market operation and/or generation auctions.
- Strong analytical abilities. Proficiency and strong understanding of power market operations and/or international generation auctions is required;
- Strong verbal and writing communication skills in Russian and working English;
- Good knowledge and understanding of Central Asian power systems, focusing on Kazakhstan and Uzbekistan;
- Ability to work with a multi-cultural team;
- Experience working on USAID or other international donor-funded projects would be a plus.

Selection Criteria

Please apply only if your qualifications match the requirements. Please note that only short listed candidates will be contacted. Deadline for applications is 12 AM (Nur-Sultan time) February 1, 2021.

Job Location

The Auctions and Power Market Specialist will be employed by Branch Office Tetra Tech ES, Inc. in the Republic of Kazakhstan, and he/she will be based in Nur-Sultan, with occasional travel to Almaty and to countries of Central Asia.

To apply for the position, please send your CV in ENGLISH to Aisana Bekisheva (Aisana.Bekisheva@tetratech.com).