**QUESTIONS AND RESPONSES**
**November 16, 2021**

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## RFP – System Stability and Reliability Study - Prospective State – National Electricity Transmission Company (NETC) of Uzbekistan

**QUESTION:** In Page 2 (II. BACKGROUND); it is mentioned that USEA has provided NETC (NES) with a national dynamic model of Uzbekistan's network for existing topology as well as static & dynamic planning models for 5- and 10-year projections. Will USEA or NETC provide the latest version of this PowerFactory model to selected bidder?
**ANSWER:** Yes.

**QUESTION:** Will it be mandatory for the selected bidder to base the power system studies specifically on this model?
**ANSWER:** No, but the selected consultant will be required to choose a model to base the power system studies on in consultations and approval by USEA and NETC.

**QUESTION:** In Page 3 (IV. SCOPE OF WORK/Objective & Tasks); what is the expected time horizon to take into account for long-term load flow studies and analysis of future system behavior? Does USEA expect an analysis beyond 2030?
**ANSWER:** No, we expect the studies to be conducted for the 2025Y – 2030Y prospective scenario.

**QUESTION:** In Page 3 (IV. SCOPE OF WORK/Task 1); it is required to conduct a webinar on project methodology and data collection to prepare NETC. If the selected consultant has an office in Tashkent, is it possible to organize a workshop on NETC premises for this Task. Would that be an acceptable revision of Task requirement for USEA?
**ANSWER:** Yes, but the consultant will need to secure NETC's agreement to attend this meeting in person and will need to follow all Uzbek Government's rules and regulations related to COVID-19 and in-person gatherings.

**QUESTION:** In Page 4, it is stated that USEA requires the webinar & workshop to be conducted in the Russian language. Will it be acceptable to involve professional translators for English-to-Russian translations and perform these activities with English-speaking international experts, in addition to Russian-speaking local experts?
**ANSWER:** Yes.

**QUESTION:** Which country code will be applicable? Is a (European) company eligible for this assignment?
**ANSWER:** The USAID Geographic Code for Uzbekistan is 941. This competition is open to U.S. and international consultants with the exception of those who are subject to OFAC regulations (https://sanctionssearch.ofac.treas.gov/) and those who are barred from working with the U.S. Government (electronic roster of debarred companies can be found on the System for Award Management website, https://sam.gov/SAM/).

**QUESTION:** [Task 2] Please confirm the number of time horizons/background scenarios that need to be examined as part of the exercise.
**ANSWER:** We expect the studies to be conducted for one time horizon, which likely will be the 2025Y – 2030Y prospective scenario.

**QUESTION:** [Task 2] Please confirm what type of output is foreseen by performing a 'Reliability Study', is the intention to be able to understand the levels of compliance to relevant planning and security criteria, please confirm?
**ANSWER:** The objective of this study is to determine whether the existing and planned renewable integration is likely to cause grid instability, and if it is, to develop possible solutions to prevent or mitigate any expected instability issues. The study is not intended to examine compliance with planning criteria.

**QUESTION:** [Proposal submission]. Please, confirm that Technical and Financial proposals should be submitted as ONE pdf document?
**ANSWER:** We would prefer the **entire** proposal to be submitted as a **single** PDF document. However, separate PDF files for the technical and financial proposals are also acceptable.

**QUESTION:** Task 2: In the task, reference is made to load flow and N-1 security analysis, which are steady-states analyses. However, at the end of the sentence, stability and reliability study are mentioned. Please clarify if stability analysis shall include also dynamic assessments and if reliability analysis refers to the deterministic reliability analysis (N-1 security analysis) or to the probabilistic reliability analysis.
**ANSWER:** This assignment seeks to focus on transient stability (dynamic analyses) to determine potential network instability. The reliability analysis refers to the deterministic reliability.