

QUESTIONS AND RESPONSES

November 23, 2021

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

QUESTION: As requested in your RfP in Annex 3 requirements part, we are trying to complete the data sheets for each employees. “Completed USAID Contractor Employee Biographical Data Sheet forms for each employee proposed for this project <https://www.usaid.gov/sites/default/files/documents/1868/AID-1420-17-6-13-19FINAL.doc> “ However, the site is not accessible. Do you have any option to submit Annex 3 requirements?

ANSWER: Please see an updated link: <https://www.usaid.gov/forms/aid-1420-17>.

QUESTION: Can you please confirm that the provided Standard Provisions for U.S. Nongovernmental Organizations as well as 2CFR200 and 2CFR700 along with the USAID Mandatory Standard Provisions (Annexure E) are the binding T&Cs, i.e. no special USEA T&C aspects will be of relevance?

ANSWER: These USAID provisions will be applicable to an agreement (as well as the Uniform Guidance provisions as they relate to non-profit entities) with USEA and the selected consultant **in addition** to the regular terms of the USEA Subcontract Agreement. The terms of the USEA Subcontract Agreement will be negotiated with the selected consultant.

QUESTION: We do not have the USEA’s cooperative agreement available at this stage. Where can we find the USAID Mandatory Standard Provisions (Annexure E) so that we have the full picture of the relevant T&Cs ahead of submitting our bid?

ANSWER: Please find the USAID Mandatory Standard Provisions attached.

QUESTION: Can you indicate a budget limit for this project?

ANSWER: A budget limit has not been established for this project. Bidders should submit their best financial offers.

QUESTION: We intend to bid via our (European) entity. Are there any withholding taxes to be considered? Which VAT [%] need to be considered?

ANSWER: USEA will not withhold any taxes from payments to the consultant. It is the consultant’s responsibility to determine their tax liability in their country of origin. All costs, included in the financial proposal, must be inclusive of taxes in the consultant’s country of origin.

QUESTION: Regarding Task 2, which long-term time horizon shall be reflected for both, the stability and the reliability analyses?

ANSWER: We expect the studies to be conducted for the 2025Y – 2030Y prospective scenario.

QUESTION: For the stability analyses: Will the consultant receive dynamic network models (at least RMS i.e. “root mean square” models) for the relevant time horizons for the Uzbekistan

power system incl. proper dynamic reflection of the synchronously connected surrounding transmission grids?

ANSWER: The consultant will be provided with a national dynamic model for the existing network topology and planning models – static and dynamic – for 2025/2030 horizons. These models were developed in 2021 by international consultants.

QUESTION: For the reliability analyses: Will the consultant receive steady-state power flow network models for relevant time horizons for the Uzbekistan power system, incl. proper reflection of the surrounding transmission grids, statistical data on the expected frequency and duration of shutdowns and also the implemented protection systems?

ANSWER: Please see our answer above.

QUESTION: Does the NETC staff to be trained have sufficient number of own PowerFactory licenses available?

ANSWER: No, the consultant will need to provide training licenses. Bidders should ensure that costs of these training licenses are included in the financial proposal.

QUESTION: What is the level of PowerFactory application skills of the training participants?

ANSWER: Advanced. Several training sessions, including on advanced load flow calculations, dynamic model development and stability analyses have been provided to NETC within the framework of a previous project.

QUESTION: How many NETC engineers shall be trained?

ANSWER: The training group will consist of approximately 5 to 8 participants.

QUESTION: Looking at the again increasing Covid cases, can all services also be provided remotely?

ANSWER: Tasks 1 and 2 shall be provided remotely. We would strongly prefer the final workshop (Task 3) to be conducted in-person. However, will follow the U.S. Department of State and the Centers for Disease Control and Prevention (CDC) guidelines regarding international travel and in-person activities and will be open to negotiating alternative arrangements if international travel remains unsafe.

QUESTION: Please confirm the number of prospective working scenarios (for peak/off-peak/hydrology scenarios) that need to be examined for one prospective time horizon (2025Y – 2030Y)?

ANSWER: Six - three hydrology scenarios (wet, average, and dry) for each of the two characteristic regimes (peak and off-peak).

QUESTION: In many ex' USSR power systems (including Uzbekistan) according to the stability practices (stability guidelines) used in these countries the transient stability simulation should be done for many different types of disturbances (symmetrical and un-symmetrical faults, the different residual voltage during the short circuit, "with" and "without" automatic recloser logics, "with" and "without" Circuit Breaker Failure Relay (Back-up Protection Relay) under different of

initial conditions (network topologies). Should the transient stability simulation (to be done in this study) respect the abovementioned requirements for stability simulation?

ANSWER: Yes.

QUESTION: If we bid with a subcontractor included in our offer, do we need to provide any additional documentation?

ANSWER: Please provide a bio sketch, CV and USAID Contractor Employee Biographical Data Sheet for **each** employee proposed for this project, including subcontractors. Please **do not** include declarations of association, articles of incorporation or any other documents not specifically requested in the RFP.