TETRA TECH

April 7, 2022

USAID/Armenia Market Liberalization and Electricity Trade (MLET) Program
RFP No. RFP-MLET-2022-001
Activity Title: "Technical assistance to the Armenian Electric Power
System Operator for revamping its planning and operational
processes in response to the new Wholesale Electricity Market"

Dear Offerors:

Please find below Tetra Tech's responses to questions on the referenced RFP. We look forward to receiving your proposals by **April 26, 2022, 10:00 AM Eastern time.**

Best,
MLET Procurement Team

Questions and Answers on RFP-MLET-2022-001

Administrative/Proposal Preparation:

1. **Question:** In the RfP it is mentioned that "the technical proposal (excluding any provided CVs) shall not exceed 10 pages." At the same time under point C. Company Past Performance it is said that "the sum total of pages for all past projects shall not exceed nine (9) pages."

    Is my understanding correct that the Company Past Performance is not included in the afore mentioned 10 pages? It means, the total number of pages should be: max. 10 pages Technical Proposal + max. 9 pages Company Past Performance + max. 9 pages CVs.

    Please confirm.

    Answer: That is correct. The maximum number of pages for the Technical Proposal is 10 pages, which does not include Company Past Performance information or CVs. Company Past Performance can be a maximum of 9 pages and CVs can also be a maximum of 9 pages. In total, these three sections should not exceed 28 pages.

Technical:

1. **Question:** In 'Attachment A – Technical Specification, Background and Purpose'. It is stated that "EPSO intends to use ANTARES" in the future. While under 'Attachment A – Technical Specification, Activity 1, Page 12', it states that EPSO "should decide on its final preference in using jROS, PLEXOS or a combination of the two for carrying out its duties..."

Please confirm if at present jROS is currently in use by EPSO and the intention is that an evaluation of both Plexos and Anatres is made before deciding on which software should be used going forward?

Answer: It is confirmed that jROS is currently in use by EPSO. However, the work to be performed initially under Activity 1 includes calibration and fine tuning of the model to match the hourly dispatch simulations required to be performed by EPSO across different timeframes. The evaluation of all three models jROS, PLEXOS and Antares will be made on the basis of the resulted power system models in Activity 1. The Subcontractor is expected to advise on the suitability of a single modelling software or a combination of them depending on the requirements for power system modeling placed on EPSO by the regulatory documents under review in Activity 1. Following that, a decision will be made on which software or combination will be used to go forward.

2. **Question:** Which power system analysis software is currently in use by EPSO, is it PSS/E or Power Factory?

   Answer: EPSO uses both for different types of power system studies.

3. **Question:** It appears from the scope of work, that system studies are not required per se, rather the requirement related to PSSE/Power Factory appears to be that of interoperability through external data sources, for example automated extraction of data from excel, plexos, anatres, etc. Please confirm that this is the case.

   Answer: The demonstration of interoperability requires a full-fledged annual simulation and report in Activity 3. Moreover, the work to be carried out in Activity 4 for demonstrating the interoperability between the modelling software(s) and the MMS require the elaboration of system "case studies" since the latter are of a recurring nature under the requirements placed on EPSO by the Wholesale Electricity Market Rules and the Grid Code.