

PROCUREMENT OF EQUIPMENT AND INSTALLATION SERVICES

TITLE OF ACTIVITY: The United States Agency for International Development (USAID) Serbia Energy Efficiency Activity – Reconstruction of Two substations – Radko Jovic and Mayakovski. for JKP Gradska Toplana Niš.

Tender Number: SEEA201902

BACKGROUND

The USAID Serbia Energy Efficiency Activity (SEEA) seeks to improve energy efficiency in local heating supply to reduce gas consumption and Serbia's dependency on imported natural gas by implementing pilot projects in three district heating systems, which were selected during an initial screening process – the 3 district heating systems are:

- Cacak - JKP Preduzeće za grejanje Čačak
- Nis - JKP Gradska Toplana Niš
- Pancevo - JKP Grejanje Pancevo

In October 2018, USAID awarded a Task Order activity, Serbia Energy Efficiency Activity (SEEA) to Tetra Tech ES, Inc. under the USAID Development of Regional Energy Markets in Europe and Eurasia (E&E) Program, AID-OAA-I-13-00019/AID-OAA-TO-17-00017. Tetra Tech has engaged E3 International d.o.o. as its local Implementing Partner in Serbia to fulfill the scope of this Task Order, which included the conceptual designs and equipment specifications for energy efficiency projects at these three district heating companies for implementation under this USAID SEEA:

This tender notice addresses only the project for JKP Gradska Toplana Niš. Separate tenders are available for the projects at JKP Preduzeće za grejanje Čačak and. JKP Grejanje Pancevo

E3 International d.o.o. (*procuring entity*) now invites sealed bids from eligible bidders for engineering, procurement and installation of the pilot project - **Reconstruction of Two substations – Radko Jovic and Mayakovski. for JKP Gradska Toplana Niš**. Interested eligible bidders must contact the Procuring Entity at the below email to request the tender documents (Tender Number: SEEA201902), and submit proposals following instructions in the tender documents.

Procuring Entity
E3 International d.o.o
SEEA_Tender@eeeinternational.com

Language of the tender documents is as follows:

- Invitation – English
- Instructions – English
- General Conditions – English
- Technical Specifications - Serbian

Bidders are requested to submit a firm fixed price bid, technical specifications of proposed equipment, and corporate information as detailed in the tender documents. Electronic submissions are required to SEEA_Tender@eeeinternational.com by the required due date.

1.3 Tender Schedule

- RFP issued by June 17, 2019
- Request for Clarifications due by June 28, 2019
- Proposals due by email by July 17, 2019, 1600-hour UTC
- Contracts signed by July 29, 2019
- Project installation completed by October 7, 2019
- System Start-up, Acceptance Testing and Commissioning completed by October 30, 2019

1.4 BIDDER QUALIFICATIONS

- Bidders must have technical experience with successful installations of similar systems/equipment in the Western Balkan region
- Bidders must have local installation and service capability in Serbia
- Bidders must have full-time Serbian speaking engineering staff

1.5 SCOPE OF SUPPLIES

Engineering, Procurement and Construction (EPC) of energy efficiency projects at district heating company •- JKP Gradska Toplana Niš, supported by grant funding from USAID, including:

- a. Design, procurement, installation and commissioning of SCADA system SUBSTATION MAYAKOVSKI
This system will include the management of functional units within the plant itself: boiler-burner block, circulation plant, pressure maintenance system, electromotor drives and other control subsystems. The complete system will include a technical solution that is compatible with the existing status of the heating plant Majakovski and the accepted requirements for drives and sensors by the DH company. The complete system also includes the acquisition, installation and connection of these sensors in the design of the heating plant. The list of measures included in the project are:
 - Equipping the command room;
 - New RO-A electro cabinet and required sensors;
 - Cabling with appropriate cables and connection of all equipment;
 - Commissioning and trial work.
- b. Design, procurement, installation and commissioning of SCADA system, plus replacement of one burner.at SUBSTATION RADKO JOVIC
The existing boiler room works on gas. However, the built-in elements are not compatible, so it is not possible to achieve optimum operating technology and operate the boiler room according to the appropriate regime – this includes an oversized burner, which is operating well below its design conditions. Therefore, in the hot water boiler plant Ratko Jovic Niš, with installed thermal power of 1.9 MW (consumption <1.0 MW), the existing system needs to be reconstructed as follows:
 - Installation of a burner that is in compliance with the current and projected natural gas consumption and existing boiler, which provides for combustion power in the range of 150-1100 kW;
 - Changing the hydraulic solution of the pipe distribution of the plant by introducing a hydraulic switch;
 - Upgrading the central control and management system to increase energy efficiency and improve the reliability and availability of the plant in general.

1.6 EVALUATION CRITERIA

- Overall technical qualifications of bidder based on number of similar installations – 25 points
- Years of operation in Western Balkan region – 25 points
- Local installation and service capability – 30 points
- Cost – 20 points

1.7 Bid Submission

Completed tender documents are to be emailed by the requested due date/time to:
SEETender@eeeinternational.com

Prices must be quoted in US dollars and exclude VAT, as this procurement qualifies for VAT exemption, and shall remain valid for sixty (60) days from the closing date of the tender.