

**QUINNS JUNCTION WATER TREATMENT PLANT PROCESS AND CAPACITY
UPGRADE – ENGINEERING SERVICES
REQUEST FOR QUALIFICATIONS
ADDENDUM No. 1**

The following modifications and clarifications are hereby made to the Request for Qualifications for the QJWTP Process and Capacity Upgrade – Engineering Services issued July 17, 2015:

Modifications:

1. Change the title of the RFQ, including all title references contained within the RFQ, to: **“Quinns Junction Water Treatment Plant Process, Capacity, and Energy Management Upgrades – Engineering Services”**
2. Add the following paragraph to Section 1.1:
“E. Address the use and management of energy resources related to the treatment facilities, associated systems, and treatment processes to include; exploring and increasing the use of renewable energy technology, and reducing (controlling) energy costs and consumption by reducing/controlling energy use.
3. Add the following to Section 3:
“E. City desires a consultant with proven ability to analyze multiple possibilities with goals of minimizing energy use and reducing non-renewable energy consumption at the QJWTP, associated facilities, and in treatment process upgrades.” Provide experience and qualifications related to energy management related services to include the areas of operations energy management, facility and systems energy management. Energy management may include such items as; power monitoring, energy audits, alternative energy (such as solar panels, HVAC optimization, energy recovery systems, micro-hydropower generation, etc.) analyses, studies, programming, and the integration of selected alternatives.”
 - i. Proposer shall be familiar with the latest applicable energy codes and alternative technologies such as solar collectors, heat recapture systems, thermal energy systems, active and passive systems, micro-hydro power generation; and LEED design.
 - ii. Energy management related services may also include: Assist City is establishing targets; Developing action plans including measuring and monitoring results; Evaluating progress; Properly sizing systems to meet demand and permit requirements but also evaluate the opportunity for operational flexibility in treatment processes to minimize energy consumption and peak energy loads under various flow conditions, both current and projected and familiar with system monitoring and control strategy; Aligning operational and design program with energy management goals; Assisting with the incorporation of energy efficiency into capital improvement decisions and prioritizing activities; Evaluating

designs or upgrades for energy efficiency and a lifecycle energy cost comparison including capital, operation and maintenance expenses; Development of a cost-benefit and associated financial benefit analysis that considers both capital expenditures and operating costs, projected energy savings, and the triple bottom line; Performing process audits (ASHRAE Levels 1, 2, & 3); Ranking facility improvements identified as having the highest cost and/or energy usage indicators;

iii. Exploring and incorporating alternate funding opportunities such as government incentives, energy rebate programs and others, as appropriate.”

4. Add the following to Section 4.4, SECTION III:

“8. A qualified proposer must demonstrate experience in the areas described in Section 3. E.

9. Clearly describe experience related to energy conservation, energy efficiency, and energy management at water facilities and provide a list of their relevant projects from the last 5 years which includes for each project a brief description; size and cost information; energy efficiency measures evaluated; and contact information for an owner’s representative who can provide further information and act as a reference.”

Clarifications:

1. Design of the planned raw water storage pond is not included in the RFQ. Engineering services associated with the planning and programming items identified in paragraphs 3.A.vi and 3.B.ii of the RFQ are included.

These modifications and clarifications shall be incorporated into the submitted Statement of Qualifications.

Issued: July 21, 2015