



City of Pflugerville

Legislation Text

File #: 2020-8331, **Version:** 1

Approving the selection of Tetra Tech, Inc. for professional services associated with the preparation of a Risk and Resilience Plan and authorizing the City Manager to execute a professional services agreement with Tetra Tech in the amount of \$153,153.00.

The City of Pflugerville solicited requests for qualifications for qualified engineering firms for professional engineering services to assist the City with preparation of the Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) to comply with Section 2013 of Senate Bill 3021 (S.3021), America's Water Infrastructure Act (AWIA) of 2018. City staff received three (3) statements of qualifications (SOQs) which were reviewed and scored. Staff recommends selecting Tetra Tech, Inc. for the preparation of a RRA and ERP.

The City of Pflugerville is undertaking a water system risk and resilience assessment (RRA) and Emergency Response Plan Update (ERP) of its physical operational assets and cyber networks in compliance with the America's Water Infrastructure Act (AWIA). The assessment is designed to determine the water system's vulnerabilities to malevolent acts, natural hazard, and proximity and dependency risks.

The development of an RRA also provides the City with the documentation to develop the required emergency response plan internally. Tetra Tech will perform the RRA in conformance with the methodology presented in Risk Analysis and Management for Critical Asset Management Protection (RAMCAP); Standard for Risk and Resilience Management of Water and Wastewater Systems (ANSI/AWWA, 2010) as described in the AWWA J100 standard.

Tetra Tech will conduct the RRA for water system mission critical cyber and physical assets including its administrative and operations facilities. AWIA requirements emphasize cybersecurity threats in light of the increasing occurrences of system intrusions, data base hacks, and ransomware attacks. The RRA will consider the systems cyber assets - computers, networks, data and communications systems, and billing systems critical to the safe production of drinking water and business operations. These consist of both information technology (IT) and operational technology (OT) systems, including: plant industrial control system, supporting network and computer infrastructure, supervisory control and data acquisition (SCADA) system, and business applications supporting utility operations.

AWIA's deadline for the City to complete the Risk and Resilience Assessment is December 31, 2020. The deadline for the Emergency Response Plan is June 30, 2021. The City will require the selected firm to meet all required deadlines proposed by the City and AWIA and purchase published presentations and documents from AWWA that will be of assistance with this project.

Prior City Council Action

None.

Deadline for City Council Action

Action is requested on April 14, 2020.

Funding Expected: Revenue Expenditure N/A

Budgeted Item: Yes No N/A

Amount: \$153,153.00

1295 Form Required? Yes No

Legal Review Required: N/A Required Date Completed: 04/06/2020

Supporting documents attached:

Professional Services Agreement

Scoring Matrix

Recommended Action

Approve the selection of Tetra Tech for professional services associated with the preparation of a Risk and Resilience Plan and authorizing the City Manager to execute a professional services agreement with Tetra Tech in the amount of \$153,153.00