

Mayor and Council Communication

DATE: 09/10/19

M&C FILE NUMBER: M&C 19-0120

LOG NAME: 60RISK AND RESILIENCE ASSESSMENT STUDY

SUBJECT

Authorize Execution of a Contract with CDM Smith Inc., in the Amount of \$397,700.00 to Conduct a Risk and Resilience Assessment and Review of Emergency Response Plans for the Water Department (ALL COUNCIL DISTRICTS)

RECOMMENDATION:

It is recommended that the City Council authorize the execution of a contract with CDM Smith Inc., in the amount of \$397,700.00 to conduct a Risk and Resilience Assessment (RRA) and review of Emergency Response Plans (ERPs) for the Water Department.

DISCUSSION:

On October 23, 2018, America's Water Infrastructure Act (AWIA) was signed into law. The law requires that each community (drinking) water system serving a population of greater than 3,300 persons shall assess the risks to, and resilience of, its system; and requires certification that it has Emergency Response Plans in place. The law specifies the components that the RRAs and ERPs must address, and establishes deadlines by which water systems must certify to the United States Environmental Protection Agency (USEPA) completion of the RRAs and ERPs. For systems serving more than 100,000 people, the deadline for completion of the RRA is March 31, 2020, with certification of ERPs no later than six months after completion of the RRA.

The City issued a request for proposals on May 30, 2019 and received 12 proposals on July 5, 2019, which were evaluated by a staff consultant selection team.

Criteria for consultant selection included team experience performing risk and resilience studies, assessment methodology, project schedule, and knowledge of the Fort Worth water system. CDM Smith offered a team with significant experience in performing these studies and applying current standards for risk and resilience management of water systems, as well as team members with unparalleled knowledge of the water system that enables the team to streamline the project to meet the aggressive March 31, 2020 deadline.

According to the USEPA and in accordance with the Safe Water Drinking Act as amended by the AWIA, CDM Smith will assess:

1. the risk to the system from malevolent acts and natural hazards;
2. the risks to and resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, and other automated systems (including the security of such systems) which are utilized by the system;
3. the monitoring practices of the system;
4. the financial infrastructure of the system;
5. the use, storage, or handling of various chemicals by the system; and
6. the operation and maintenance of the system.

Upon completion of the RRA, CDM Smith will review and update the current ERPs to incorporate additional items from the AWIA not currently covered in the plans.

M/WBE OFFICE – A waiver of the goal for MBE/SBE subcontracting requirements was requested by the Department and approved by the MWBE Office, in accordance with the BDE Ordinance, because the purchase of goods or services is from sources where subcontracting or supplier opportunities are negligible. However, CDM Smith has committed to 12 percent SBE participation.

This project is located in ALL COUNCIL DISTRICTS.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current operating budget, as appropriated, of the Water and Sewer Fund. Prior to an expense being incurred, the Water Department has the responsibility to validate the availability of funds.

Submitted for City Manager's Office by: Dana Burghdoff 8018

Originating Business Unit Head: Chris Harder 5020

Additional Information Contact:

Christine Webb 8409