



REPORT TO: STILLWATER UTILITIES AUTHORITY

MEETING DATE: JULY 6, 2020

Agenda Item:	5c. SUA-20-24
Background / Issue:	<p>Background information regarding the American Water Infrastructure Act of 2018 includes:</p> <ul style="list-style-type: none"> • On June 12, 2002, the Bioterrorism Act was passed requiring water utility systems to perform Vulnerability Assessments (VAs) and to prepare Emergency Response Plans (ERPs). The City’s Water and Wastewater Utility VA and ERP have not been updated since their original creation. • On October 23, 2018, American’s Water Infrastructure Act (AWIA) of 2018 was passed, which updates the Bioterrorism Act and requires drinking water systems to perform Risk and Resiliency Assessments (RRA), including certification with EPA, on a recurring five year schedule and update their ERPs. • The deadlines for the City, based on being a system serving between 50,000 and 100,000 people, are December 31, 2020 for the RRA and six months after RRA submittal for the ERP. <p>AWIA of 2018 requires that utilities assess the following for the RRA effort:</p> <ul style="list-style-type: none"> • malevolent acts or natural hazards; • resilience of the pipes, conveyance systems, physical barriers, source waters, intake, treatment, distribution facilities, electronics, computers and other automated systems; • monitoring practices; • financial infrastructure; • the use, storage and handling of various chemicals; • operation and maintenance; and • evaluation of capital and operational needs.
Proposal/Solution:	A request for proposals to obtain professional services for the City’s compliance with AWIA of 2018 was issued.

	<p>Carollo Engineers, Inc. was selected to provide services including:</p> <ul style="list-style-type: none"> • kickoff, data gathering and stakeholder meetings • drinking water system RRA, certification and implementation recommendations including cost, schedule and budget; • evaluation of standard City utility practices related to security programs; • drinking water system ERP update; and • SCADA, cyber and electronic system review (applies to both the water and wastewater systems) <p>During the scoping workshop, additional tasks were identified that allow the City to gain cost and schedule efficiencies. The additional services include:</p> <ul style="list-style-type: none"> • wastewater system RRA, recommendations and ERP update; • ERP testing and staff training – including two exercises for mock scenarios (applies to both the water and wastewater systems). <p>Carollo’s fee for the basic services is \$257,644 and for additional services is \$162,784 for a total Professional Services Agreement (PSA) amount of \$420,428.</p>
Financial Impact/Funding Source(s):	The necessary funds, \$271,710 for water and \$191,290 for wastewater, are available in the Water and Wastewater Capital Funds, respectively.
Related Strategic Priority:	<p>#2 Inspired Management: To demonstrate leadership, management and planning skills that focus on results needed to create a better community.</p> <p>#4 Place and Mobility: To develop a strong sense of place that recognizes the interconnectedness of people, buildings and public systems (such as transportation, utilities and parks) that best serve the needs of the public.</p>
Recommended Action/Motion:	<p>Motion to:</p> <ul style="list-style-type: none"> • authorize the General Manager to execute the professional services agreement with Carollo Engineers, Inc. in the amount of \$420,427, which includes all basic and additional services; • authorize total project expenditures of \$463,000, which includes approximately 10% contingency; (\$191,290 from Wastewater Capital Fund and \$271,710 from Water Capital Fund); and • approve the related budget amendments.

Prepared By:

Candy Staring, Capital Program Manager

Reviewed By:

Bill Millis, Director Water Utilities Engineering
Monty Karns, Director City Engineering
Paula J. Dennison, Assistant City Manager

Submitted By:

Norman McNickle, City Manager

Attachment(s):

Water Capital Fund Budget Amendment
Wastewater Capital Fund Budget Amendment