



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of July 24, 2018  
Action Item for the City Council Meeting of July 31, 2018

**DATE:** July 17, 2018

**TO:** Keith Selman, Interim City Manager

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**Professional Services Contract  
Programmed Water Line Service Life Extension  
Indefinite Delivery Indefinite Quantity Program  
(Capital Improvement Program)**

**CAPTION:**

Motion executing a professional services contract with Urban Engineering of Corpus Christi, Texas in the amount of \$350,510 for Programmed Water Line Service Life Extension Indefinite Delivery / Indefinite Quantity (IDIQ) Project. (Capital Improvement Program)

**PURPOSE:**

The purpose of this Agenda Item is to obtain authority to execute a professional services contract with Urban Engineering in the amount of \$350,510 for IDIQ Project for site investigations, analysis, delivery order preparation, topographic and additional services.

**BACKGROUND AND FINDINGS:**

This is an approved Capital Improvement Plan project; Programmed Water Line Service Life Extension.

**CIP description:**

"This project provides for a strategic lifecycle program replacement and extension of the City's water distribution system (1,368 miles). The program is flexible and provides a systemic approach to extend the service life of the system while enhancing monitoring capability and water quality. Additional benefits will include increased distribution reliability with reduced service outages and reduced operational costs. A

major priority of the lifecycle improvements will maximize CIP investments increasing capacity of the system and deferring unnecessary major upgrades to pump stations and plants. This program is also in response to the City's Street Preventative Maintenance Program (SPMP) and the construction is in a manner of Indefinite Delivery/Indefinite Quantity (IDIQ) delivery orders. Some work will be completed using in-house forces to save on costs where applicable."

Programmed Water Line Service Life Extension - Indefinite Delivery/Indefinite Quantity (IDIQ) project provides an extensive list of repetitive type construction activities and unit prices to address a wide range of improvements to various pipe sizes, material types, depths and conditions. The Water IDIQ project has been successfully developed and executed over the last several years with overall reduced cost and time of execution. The construction IDIQ contract is planned as a multi-year contract with an undetermined number of Delivery Orders. The Delivery Orders are prepared after award and under construction almost immediately to implement major improvements, repairs and rehabilitation as needed. Each DO is based on contractor unit bid prices to determine most cost-effective solutions.

### **Project Scope:**

This item provides for engineering services to prepare new bid documents and subsequent construction phase technical support services. The construction phase technical services include field investigations and analysis for preparation and implementation of Delivery Orders. Services include periodic site visits, technical responses and correspondence to contractor and miscellaneous administrative actions as needed. The Delivery Orders consist of full range of repair and replacement methodologies including open trenching, pipe bursting, horizontal drilling with new valves, fittings, fire hydrants with associated surface restoration of sidewalks, roadways, and landscaping. Each Delivery Order provides a detailed scope with site drawings, quantities, schedules and pricing.

This professional services contract provides for engineering and survey services to include the following:

- Bid document preparation
- Delivery Order preparation
- Topographic surveying
- Additional technical and administrative services for construction and warranty phases

### **ALTERNATIVES:**

1. Authorize execution of a professional services contract. (Recommended)
2. Do not authorize execution of a professional services contract. (Not Recommended)

### **OTHER CONSIDERATIONS:**

Urban Engineering was selected for this project as a result of RFQ 2018-01.

### **CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for professional services contracts; Conforms to FY 2017-2018 Capital Improvement Planning (CIP) Budget.

### **EMERGENCY / NON-EMERGENCY:**

Not applicable

### **DEPARTMENTAL CLEARANCES:**

Water

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2017-2018</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget		350,510	6,000,000	6,350,510
Encumbered / Expended Amount				
<b>This item</b>		<b>350,510</b>		<b>350,510</b>
Future Anticipated Expenditures This Project			5,626,000	5,626,000
<b>BALANCE</b>		0	374,000	374,000

Fund(s): Water Operating and Capital

**Comments:** None

**RECOMMENDATION:**

City staff recommends approval of a professional engineering services contract with Urban Engineering in the amount of \$350,510 for Programmed Water Line Service Life Extension IDIQ Project. (Capital Improvement Program)

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation  
Contract