



AGENDA MEMORANDUM

Future Item for the City Council Meeting of June 14, 2016
Action Item for the City Council Meeting of June 21, 2016

DATE: May 31, 2016

TO: Margie C. Rose, Acting City Manager

THRU: Mark Van Vleck, Assistant City Manager
MarkVanVleck@cctexas.com
(361) 826-3082

Valerie H. Gray, P.E., Executive Director, Public Works
ValerieG@cctexas.com
(361) 826-3729

FROM: Dan Grimsbo, Interim Director of Water and Utilities
DanG@cctexas.com
(361) 826-1718

Jeffrey H. Edmonds, P.E., Director, Engineering Services
JeffreyE@cctexas.com
(361) 826-3851

Engineering Design Contract

Programmed Water Line Service Life Extension for
City-Wide Distribution Repair and Replacement
Indefinite Delivery/Indefinite Quantity (IDIQ) Procurement

CAPTION:

Motion authorizing the City Manager, or designee, to proceed with delivery order preparation by executing Amendment No. 3 to the Engineering Design Contract with Urban Engineering of Corpus Christi, Texas in the amount of \$328,350, for a total restated fee not to exceed \$645,790 for the Programmed Water Line Service Life Extension for City-Wide Distribution Repair and Replacement - Indefinite Delivery/Indefinite Quantity (IDIQ) Procurement.

PURPOSE:

The purpose of this Agenda Item is to amend the engineering services contract for the Programmed Water Line Service Life Extension, City-Wide Distribution Repair and Replacement - Indefinite Delivery/Indefinite Quantity (IDIQ) Procurement to provide design and engineering services.

CIP DESCRIPTION: Programmed Water Line Service Life Extension

“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. Some work will be completed using in-house forces to save on costs where applicable.”

BACKGROUND AND FINDINGS:

To implement the life cycle improvements for the aging water distribution system, the City developed the Repair and Replacement City-Wide Distribution - Indefinite Delivery/Indefinite Quantity (IDIQ) Procurement project. The IDIQ provides for contractor bid unit pricing for a comprehensive list of activities to develop the most cost effective solution to a variety of pipe sizes, material types and conditions. The initial IDIQ construction was developed as a multi-year contract with a one-year base with two optional extensions to be administratively authorized.

The IDIQ is implemented through numerous Delivery Orders for specific site(s) and scope of work. The work consists of a full spectrum of repair and replacement methodologies including open trenching, pipe bursting, horizontal drilling with new valves, fittings, fire hydrants, etc. and surface restoration of sidewalks, roadways, landscaping to complete the projects.

The design engineer, Urban Engineering, developed the bid documents and now conducts the field investigations and analysis for preparation of the Delivery Orders. In 2015, the City awarded the IDIQ construction contract to Clark Pipeline Services (Contractor) for \$2.3 Million for the base year, and the option for two optional years.

The Contractor was issued and successfully completed all work within the base year. Based on their satisfactory performance, the City exercised the first optional year. With the deterioration and problems with the distribution system and other project needs, it is anticipated the third option year will be recommended for execution within the next few months. Therefore, the engineering contract for Urban Engineering is recommended to support the implementation of the existing IDIQ construction contract for the two additional option periods.

To meet accelerated demands for the water distribution system, it is also recommended to prepare and advertise for a second multi-year construction IDIQ contract with greater capacity of approximately \$4.5 Million. The new IDIQ can be bid within the next 90 days.

This proposed engineering contract authorizes Urban Engineering to provide continued engineering services to support the existing IDIQ construction contract and to provide construction documents to advertise and select a second contractor for a new Water IDIQ construction contract.

ALTERNATIVES:

1. Authorize the execution of the contract amendment.
2. Do not authorize the execution of the contract amendment. (Not Recommended)

OTHER CONSIDERATIONS:

Urban Engineering was selected as the Consultant Engineer through Water Capital Improvement Plan Request for Qualifications No. 2012-03.

CONFORMITY TO CITY POLICY:

Conforms to City Fiscal Policy

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Utilities Department

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year 2015-2016	Project to Date Budget & Expenditures	Current Year	Future Years	TOTALS
Line Item Budget	\$5,143,600	\$2,500,000		\$7,643,600
Encumbered / Expended Amount	\$5,134,279			\$5,134,279
This Item		\$328,350		\$328,350
Future Anticipated Expenditures This Project		\$542,503		\$542,503
BALANCE	\$9,321	\$1,629,147		\$1,638,468

Fund(s): Water CIP #1

Comments: This amendment will result in an expenditure not to exceed \$328,350.

RECOMMENDATION:

City Staff recommends approval of Amendment No. 3 to the Engineering Design Contract with Urban Engineering of Corpus Christi, Texas in the amount of \$328,350, for a total restated fee not to exceed \$645,790 for the Programmed Water Line Service Life Extension for City-Wide Distribution Repair and Replacement - Indefinite Delivery/Indefinite Quantity (IDIQ) Procurement.

LIST OF SUPPORTING DOCUMENTS:

- Project Budget
- Location Map
- Contract
- Presentation
- Form 1295