

## Legislation Details (With Text)

**File #:** 16-0886      **Version:** 1      **Name:** PSA with CDM for SCADA  
**Type:** Contract/Agreement      **Status:** Passed  
**File created:** 10/7/2016      **In control:** Work Session  
**On agenda:** 10/25/2016      **Final action:** 10/25/2016  
**Title:** \*Consideration of a Professional Services Agreement (COF Contract No. 2016-0306) with CDM Smith for the SCADA Construction Engineering and Inspection Services Project in the Not-to-Exceed Amount of \$432,641.00  
**Sponsors:** Mark Hilty, Paul Holzen, Patricia McNeese  
**Indexes:**  
**Code sections:**  
**Attachments:** 1. 2016-0306 PSA with CDM Smith for SCADA CEI\_with Attachment.Law Approved

Date	Ver.	Action By	Action	Result
10/25/2016	1	Work Session	acknowledged	
10/25/2016	1	Board of Mayor & Aldermen	approved	Pass

**DATE:** October 17, 2016

**TO:** Board of Mayor and Aldermen

**FROM:** Eric Stuckey, City Administrator  
Paul Holzen, P.E., Director of Engineering  
Mark Hilty, P.E., Director of Water Management  
Patricia McNeese, P.E., Utilities Engineer II

**SUBJECT:**

\*Consideration of a Professional Services Agreement (COF Contract No. 2016-0306) with CDM Smith for the SCADA Construction Engineering and Inspection Services Project in the Not-to-Exceed Amount of \$432,641.00

**Purpose**

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the Professional Services Agreement (COF Contract No. 2016-0306) with CDM Smith for the SCADA Construction Engineering and Inspection Services Project.

**Background**

SCADA is the acronym for Supervisory Control and Data Acquisition and is used by the City to manage the existing water and wastewater systems. The bids for the Water Distribution & Collection System SCADA Improvements Project were approved by the BOMA at the September 13, 2016, meeting. This proposal from CDM Smith is for the construction services associated with the implementation of the designed upgrades to

the SCADA system. These construction services are summarized by different tasks, which are as follows:

General Tasks

- Task G1 - Preparation of Conformed Drawings and Specifications
  - Include addendum material into bid documents and provide several copies of conformed documents
- Task G2 - Project Management
  - Includes kickoff meeting, general administration of the contract, and final documentation filing and file review
- Task G3 - Project Meetings
  - Includes Preconstruction meeting, monthly progress meetings, coordination meetings and any other necessary meetings
- Task G4 - Engineering Reviews, Clarifications and Interpretations
  - Includes review of shop drawings, applications for payment, construction schedule and responses to requests for information (RFIs)
- Task G5 - Site Visits by Office Staff
  - Include construction specialist site visits, technical discipline site visits for interim inspections, substantial and final completion site visits
- Task G6 - Witness of Factory Testing

Special Service Tasks

- Task S1 - Change Management
- Task S2 - Functional Demonstration Testing
- Task S3 - Preparation of Record Drawings

State Revolving Fund (SRF) Services

- Task SRF1 - Contract Labor Compliance
- Task SRF2 - Disbursement Preparation Guidance and Review
- Task SRF3 - Closeout Documents Preparation
- Task SRF4 - Miscellaneous Meetings/Tasks

By far the more in-depth service will be for the SRF related tasks. These are time consuming and very specific.

**Financial Impact**

The cost as negotiated with CDM Smith for the construction engineering and inspection services is a total amount not to exceed \$432,641. This project is to be funded from both the Water and Sewer Operating Funds and reimbursed through the SRF Loan.

**Recommendation**

Staff recommends approval of the PSA with CDM Smith (COF Contract No. 2016-0306) for an amount not to exceed \$432,641.