

ISSUING DEPARTMENT INPUT DOCUMENT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. RFP849
Contract
 Re-Bid
 Other –
 LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: RQID210045
 TERM OF CONTRACT 5 YEAR(S) WITH 2 YEAR(S) OTR

Requisition /Project Title: Itron Mobile Upgrade w/Maintenance and Support Services

Description:
 This contract will be for the maintenance and support services for the meter reading system utilized by WASD. In addition, they will be upgrading to a new mobile application.

Issuing Department: Internal Service
 Contact Person: Brandon Nealey
 Phone: 305-375-4884
 Estimate Cost/Value: \$929,215
 GENERAL FEDERAL OTHER
 Funding Source: x

ANALYSIS

Commodity Codes:	<u>92045</u>	<u>89046</u>	<u>89044</u>		
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.					
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>		
Contractor:	<u>Itron</u>				
Small Business Enterprise:					
Contract Value:	<u>\$589,288.00</u>				
Comments:					
Continued on another page (s): <input type="checkbox"/> YES <input type="checkbox"/> NO					

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE				

Basis of Recommendation:

Signed: Brandon Nealey
 Date sent to SBD: 5/4/2022

	Date returned to SPD:	
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Rev. 072518

MARKET RESEARCH

Contract No.: RFP849-3(3)	Recommendation:
Title: Meter Reading Solution	<input type="checkbox"/> Exercise Option to Renew (OTR)
Procurement Contracting Officer: Brandon Nealey	<input checked="" type="checkbox"/> Non-Competitive Acquisition
	<input type="checkbox"/> Solicit Competition
	<input type="checkbox"/> Access Contract
	<input type="checkbox"/> Other

Background:

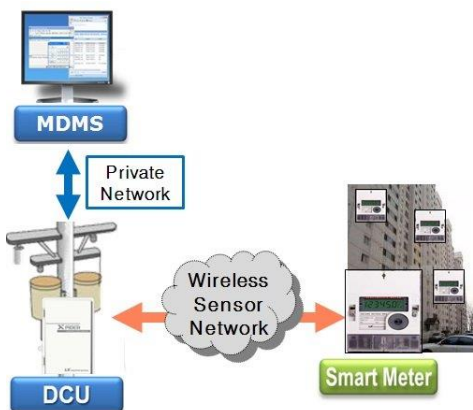
The Water and Sewer Department (WASD) provides water and wastewater services directly to more than 400,000 retail customers and indirectly through wholesale (municipal) utilities. These services include water supply, transmission, treatment, distribution, conservation, wastewater collection, treatment, disposal and water reclamation. In order to manage this vast operation, it was necessary to invest in a meter data management software (MDMS). MDMS collects and stores meter data from a head-end system (hardware and software that receives the stream of meter data brought back to the utility through the Advanced Metering Infrastructure) and process that meter data into information that can be used by other utility applications including billing, customer information systems and outage management systems.

In an effort to maintain and control the utilities dispersed by WASD, a competitive solicitation was advertised for a MDMS, and through that process Itron, Inc. was selected for their MDMS Solution. Currently, the MDMS is used to record, track and bill for water and sewer services provided to retail customers throughout Miami-Dade County. In addition, the MDMS is used to read over 400,000 meters and totaling over 2 million meter reads annually. In order to produce the bills associated with the consumption of utilities, the MDMS integrates with WASD's Customer Care and Billing (CCB) System, provided under Contract No. L-10166, which transfers the reads to generate customer bills that in access on \$627 million annually.

Contract No. RFP849 was awarded to Itron, Inc. and approved under delegated authority for a three-year term with three, two-year option to renew terms and a cumulative value of \$460,726. During the term of this contract there were three modifications for additional allocation in the amount of \$128,562 that was approved under delegated authority and increased the cumulative value of the contract to \$589,288. The contract is set to expire on October 30, 2022 and the contract will need to be replaced, as the products and services being provided under this contract are critical to the success of the business operation of WASD.

Research Conducted:

The MDMS in use by WASD is one component of an Advanced Metering Infrastructure (AMI). An AMI is an integrated system of equipment, communications, and information management systems for utilities to remotely collect customer water usage data in real time. An AMI is a more modernized system that utilizes radio-based technology to read water meters, which eliminates the need for manual reads, which could lead to inaccuracies in the meter reading process and can result in over or under estimated bills. The below image illustrates how an AMI is utilized.



Based on the research conducted it was determined there are a number of vendors that offer a MDMS Solution. The vendors that were identified include, but are not limited to: Oracle, OSIsoft, ElectSolve, Siemens, Landis+Gyr, Terranova Software, and Esyasoft Technologies. While there is suitable competition for the replacement of the system, there are potential budget constraints which will restrict WASD from replacing the MDMS at this time.

As such, additional research was conducted to determine if there are any additional vendors that have been identified that have been authorized by the proprietary owner to maintenance and support services, as well as

additional products that maybe needed throughout the term of the contract it compliment the MDMS being utilized. Based on the research that was conducted there were third party vendors that were identified that have been authorized by Itron to provide maintenance and support services to their proprietary software. In addition, Itron does not authorize the sale of their products and services through any third party.

WASD has been utilizing the MDMS since October 2013 and have not any issues. In addition, WASD has invested over \$500,000 in the MDMS and have customized and configured the software to meet their operational needs. In addition, the WASD is looking to upgrade to Itron Mobile Application. Itron Mobile is a tool kit for collecting data and performing other field activities. It takes advantage of the latest mobile technologies used by utility employees. The Itron Mobile Applicaiton runs on smart phones, tablets and laptops, making it a versatile tool. It can be utilized on the following operating systems: Android, Apple iOS and Windows 10. Itron Mobile combines walk-by and drive-by features in a single application and has the ability to leverage mobile technology to deliver valuable new outcomes, as it pertains to meter collection. In addition, Itron Mobile includes a new handheld radio called the Itron Mobile Radio that can be used with any mobile device equipped with Bluetooth Low Energy (Bluetooth Low Energy is a power-conserving variant of Bluetooth personal area network (PAN) technology, designed for use by Internet-connected machines and appliances).

Comparable Contracts:

There were no comparable contracts that were identified that would meet the needs of the County.

Recommendation:

Based on the research conducted it would be in the best interest of the County to proceed with a non-competitive Bid Waiver contract for the products and services being requested by WASD. At present, WASD is in the process of replacing their MDMS and conducted an Industry Day to get a better understanding of the technology available. Based on the information that was gathered during the Industry Day, it was determined that a the transition to a new solution will be very complex and could take over four years to fully implement. As such, the replacement contract will need to take into consideration the time need to advertise, evaluate, award, and implement a new Solution. Until a new Solution can be procured, a Bid Waiver represents the best means procure the products and services that are need to keep the MDMS operational. It is imperative that this software is adequately maintained, as it allows WASD to bill customers for usage of services.

Procurement Contracting Officer: _____

Date: _____