



AGENDA MEMORANDUM

Action Item for the City Council Meeting of June 23, 2020

DATE: June 23, 2020

TO: Peter Zaroni, City Manager

FROM: Kevin Norton, Director of Water Utilities
KevinN@cctexas.com
(361) 826-1874

Kim Baker, Director of Contracts and Procurement
KimB2@cctexas.com
(361) 826-3169

<p>Service Agreement for Water Information Management System and Purchase and Service Agreement for BioTector Analyzer for Utilities Department</p>
--

CAPTION:

Resolution authorizing a three-year service agreement with Hach Company for the Water Information Management System (WIMS), for a total amount not to exceed \$68,764.60; and the purchase and one-year service agreement for a BioTector Analyzer not to exceed \$124,212.52, for the Water Division of the Utilities Department, effective upon issuance of notice to proceed, with funding in the amount of \$192,977.12 available in the Water Fund.

SUMMARY:

This resolution authorizes a service agreement for the Water Information Management System (WIMS), and a service agreement and purchase of an analyzer for raw water samples for the Water Division of the Utilities Department at the O. N. Stevens Water Treatment Plant. This is new software and equipment that will replace antiquated software and equipment currently being used.

BACKGROUND AND FINDINGS:

WIMS collects data from multiple sources through Hach instruments and compiles the data into useful and functional information that can be applied to improve plant processes, operations, and easier data-gathering for required Texas Commission on Environmental Quality (TCEQ) and other environmental regulatory reports. WIMS connects to Hach analyzers and other Hach equipment directly, which minimizes human interference and human error significantly. The WIMS purchase includes a three-year service agreement that is not part of the department's current Hach instruments Service Agreement No. 975.

The BioTector Analyzer is designed for field applications, unlike the analyzers for

laboratory applications that are used in a controlled environment. The analyzer measures raw water samples from incoming raw water and allows operators to respond quickly to changes. This purchase of the BioTector Analyzer includes a one-year service agreement. When the one-year service agreement expires, the BioTector will be added to current Service Agreement No. 975.

This is a sole source purchase. Hach Company is the sole manufacturer of Hach instruments. O.N. Stevens Water Treatment Plant currently utilizes the Hach instruments. The City is receiving a 10% discount from Hach on the turbidity meters and the WIMS. Hach disclosed that the standard discount is 5%, but the City negotiated to gain a 10% discount. WIMS will be used for the O.N. Stevens Water Treatment Plant only and will connect to Hach analyzers and other Hach equipment directly. This minimizes human interference and human error significantly. This software will be managed by staff. In addition, included in this product is the Claros Collect app which allows the user to have field access to enter data and see current data with the field instrument as well as access to maintenance information on the devices while in the field.

ALTERNATIVES:

An alternative would be not to invest in the software and analyzer; however, WIMS software can only read Hach instruments, which the O. N. Stevens Water Treatment Plant has over \$686,000 of Hach instruments installed. The BioTector analyzer provides continuous incoming Total Organic Carbon (TOC) concentration levels to operators, providing information that can be used to make treatment process adjustments in addition to meeting regulatory compliance.

FISCAL IMPACT:

The fiscal impact for the Utilities Department in FY 2020 is an amount not to exceed \$192,977.12 for the WIMS and purchase and service agreement for the BioTector.

FUNDING DETAIL:

Fund:	4010	Water Fund
Organization/Activity:	31010	O. N. Stevens Water Treatment Plant
Mission Element:	062	Treat Water
Project # (CIP Only):	N/A	
Accounts:	520105	Computer Software (WIMS)
Cost:	\$68,764.60	

Fund:	4010	Water Fund
Organization/Activity:	31010	O. N. Stevens Water Treatment Plant
Mission Element:	062	Treat Water
Project # (CIP Only):	N/A	
Accounts:	530230	Equipment Maintenance (BioTector)
Cost:	\$124,212.52	

RECOMMENDATION:

Staff recommends approval of the resolution authorizing a three-year service agreement for WIMS, for purchase and a one-year service agreement for the BioTector with Hach

Company, as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution
Supply Agreement
Price Sheet