



Agenda Item Summary

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Submitted By

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Reviewed By

LKS

Agenda Item Title

A Resolution Approving an Independent Contractor Agreement with Cerniglia Co. for the Modification of Piping and the Installation of Water Meters for the City of Chicago Water Supply in an Amount Not to Exceed \$28,410.00 and Authorizing its Execution

Overview

The Village is required to purchase and maintain the water meters that record the volume of water that the City of Chicago supplies the Village. This item provides for the installation of five new water meters that are located at the Central Pumping Station reservoir. Four contractors submitted bids for this project with Cerniglia Company being the low responsive bidder.

Staff Recommendation

Approve the Resolution.

Fiscal Impact

The FY 2017 Water and Sewer Fund Budget allocates funds for materials and supplies for the operation and maintenance of the water supply system in account number 5040-43730-776-540674, Property Repair, and account number 5040-43730-776-530667, External Support.

Background

The water meters that currently record the water supplied from the City of Chicago are over 15 years old and are due to be replaced. The Chicago supply meters for the North and South pumping station reservoirs have already been replaced and include the cellular reading capabilities.

The replacement of the North and South pumping station meters and the upgrade to cellular reading technology of the City water supply meters has performed well and has exceeded expectations. The pump station operators are able to obtain meter readings on a daily basis for the compilation of purchased water from the City instead of once per month. This is a real advantage to managing the Village's water supply resources, not to mention the safety and cost savings of not having to climb into confined space entry vaults on a monthly basis.

The final phase of this project is the replacement of the five meters that serve the Central pumping station reservoirs. There are two underground vaults housing the Chicago water supply meters. One vault has three

meters, which are the primary meters servicing the East and West reservoirs. It should be noted that because the Central station being the largest, and therefore the primary pumping station (also having two reservoirs) it has back up fill valves for the reservoirs. The other vault has two meters which serve the “back up” fill valves for the East and West reservoirs.

The meters were purchased separately and are from Midwest Meter, Inc. They are the only meters available on the market that currently provide cellular reading capabilities. Cerniglia will complete the installation.

Alternatives

The Board can delay action to gain additional information.

Previous Board Action

The Village Board approved the purchase of these meters at the start of this project.

Citizen Advisory Commission Action

N/A.

Anticipated Future Actions/Commitments

It is anticipated that the Department of Public Works will be bringing similar water maintenance and supply upgrade projects to the Village Board annually.

Intergovernmental Cooperation Opportunities

There are no opportunities for intergovernmental cooperation on this project.

Performance Management (MAP) Alignment

This work is in alignment with the Governance Priority established for the Department of Public Works for Maintenance and Service Programs.