



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
SUBJECT: Water Treatment Plant #1 (WTP#1) Improvements
Engineering Services
DATE: February 16th, 2018

EXECUTIVE SUMMARY:

On October 17 of 2016, Council approved CMT Engineering to undertake the engineering of the improvements to Water Treatment Plant #1 (WTP#1). This work was originally prepared and issued for bid on June 28, 2017 with the apparent low bidder, Laverdiere Construction withdrawing their bid of \$389,900 and finding the second low bidder, Peoria Metro Construction at \$595,900 in excess of available \$380k budget to award the project.

The project was rebid with select re-design elements (mainly structural redesign allowing for a combined celled brine tank instead of two separately constructed) to help reduce cost. The redesigned project was awarded at \$450,000 to River City Construction on August 21st, 2017. Additional work was also incurred due to the discovery and treatment of an unknown storm sewer pipe in conflict with the brine tank as well as review of the sanitary sewer discharge which was approved to be lined with cured in-place liner.

These additional services find CMT's original time and materials (NTE) Work Order amount of \$51,200 in need of adjustment to a final not to exceed amount of \$58,200. In so much that these items were unforeseen at time of contract scoping, it is my recommendation that the City Council approve making an adjustment of the upper end of the contract of \$7,000 for a final not to exceed amount of **\$58,200**.

This matter has been placed on the agenda for the City Council meeting of Monday, February 19th, 2018, for review and consideration.



February 12, 2018

Mr. Ed Andrews, PE
Public Works Director
City of Washington
301 Walnut Street
Washington, Illinois 61571

RE: Water Treatment Plant No.1 – 2017 Improvement Project
Amendment for Bidding and Construction Phase Services

Dear Ed:

During the bidding and construction phase of the Water Treatment Plant No. 1 – 2017 Improvement Project the proposed engineering scope expanded to include/require the following additional items:

- Re-bid of the project due to the withdrawal of the apparent low bidder during the initial bid.
- Additional sewer investigation of the existing sewer service for the Water Treatment Plant.
- Re-design of the proposed sewer service removal and replacement with watermain quality pipe to meet separation requirements.
- Investigation and discussion of unknown ground water pipe discovered within the project limits.

To account for these additional services, we request that the not-to-exceed of Work Order No. 17-1 be increased from \$51,200.00 to \$58,200.00.

We appreciate the opportunity to provide engineering services for the City of Washington and look forward to continued work with you and your staff on this project. Upon your review and concurrence, please have the Mayor sign below to indicate the City's authorization to increase the project upper limit as outlined above.

Sincerely,
Crawford, Murphy & Tilly

Ty Besalke, PE
Water Group Manager

Authorized by City of Washington

Gary W Manier
Mayor