



# Detroit Water and Sewerage Department

735 Randolph Street  
Detroit, Michigan 48226  
(313) 224-4704 Office  
dwsd.legistar.com

## Legislation Text

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**File #:** 17-0051, **Version:** 1

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The Board of Water Commissioners for the City of Detroit, Water and Sewerage Department authorizes the Director to grant **an increase of \$425,000.00 in the contract price and an extension of one (1) year for Contract No. CS-1799 “As-Needed Engineering Services” with OHM Advisors (Consultant)**, and also authorizes the Director to take such other action as may be necessary to accomplish the intent of this vote.

**Agenda of March 15, 2017**

**Item No. 17-0051**

**Proposed Contract No. CS-1799**

**Change Order No. 2**

**Time Extension: One (1) Year**

**Amount: \$425,000.00**

**TO:** The Honorable  
Board of Water Commissioners  
City of Detroit, Michigan

**FROM:** Gary Brown, Director  
Water and Sewerage Department

**RE:** **DWSD Contract No. CS-1799, Change Order No. 2**  
**“As-Needed Engineering Services”**  
**Consultant: OHM Advisors**

### MOTION

Upon recommendation of Palencia Mobley, Deputy Director/Chief Engineer, the Board of Water Commissioners for the City of Detroit, Water and Sewerage Department authorizes the Director to grant **an increase of \$425,000.00 in the contract price and an extension of one (1) year for Contract No. CS-1799 “As-Needed Engineering Services” with OHM Advisors (Consultant)**, and also authorizes the Director to take such other action as may be necessary to accomplish the intent of this vote.

### JUSTIFICATION

The Detroit Water and Sewerage Department (DWSD) initiated this contract to provide DWSD with as-needed engineering services to improve delivery of capital improvement projects, provide supplementary engineering staff for the review and approval of claims, as well as inspection staff for contracted construction activities. OHM Advisors was a valuable resource for DWSD during the bifurcation as its staff have intimate knowledge of the department’s system and needs. Additional items have been identified that require DWSD to continue utilizing the services of OHM, such as the discussions and analysis on reassignment of transmission mains initiated by GLWA, operating conditions of the wastewater collection stations in the Conner/Freud area, and assistance with condition assessments of assets. Other as-needed engineering services include the analysis and litigation support for the 2016 flooding events in Jefferson Chalmers and Cornerstone Village, development of Geographic Information System specifications for condition assessments, assistance flow modeling and testing

processes of fire hydrants, and development of the newly formatted CIP document; all of which are efforts that are continuing over the next eight months that would require the engineering services that are available under this contract.

## **BACKGROUND**

DWSD Contract No. CS-1799 was awarded on June 29, 2016 for a total amount of \$450,000 with a contract value not to exceed \$1,000,000.00 by the Board of Water Commissioners. Change Order No.1 was approved on November 8, 2016 for a price increase of \$125,000.00 and a time extension of 6 months from the original calendar date. Prior to the issuance of CS-1799, during the bifurcation OHM Advisors assisted the DWSD Program Management Office (PMO) with the stand-up of tasks of program management, master program management schedule, Basecamp set-up and maintenance, and study and work team coordination. Work also included support with Operational Protocols, largely stemming from the Shared Services Agreement and assisting General Counsel with Highland Park, Michigan metering.

## **PROJECT TASKS**

The contract tasks and costs are as follows:

### **TASK**

1. Provide construction inspection staff/resident engineer to monitor the work of Contractors delivering the capital improvement projects. Inspectors shall be responsible for producing daily reports including photographs which denote the project progress. Resident engineering staff may review Contractor invoices and submit to DWSD Manager for processing.
2. Provide QA/QC of GIS data updates provided by third party Contractor to the department related to the water and sewer networks for the City of Detroit and GLWA Regional systems. Review data sets in conjunction with field engineering and maintenance and repair staff such that section maps which need updates in the GIS can be updated as well. CAD/digitized version of sections maps should also be updated accordingly until all updates can be made to the GIS.
3. Assist DWSD staff with the development of an RFP for the comprehensive capital improvement program proposed in the FY17 CIP plan.
4. Assist with managing the work associated with the current capital improvement program and institute contract project management tools and techniques to develop and train existing staff in this work.
5. Assist in the review and analysis of water in basement and basement back-up claims submitted by customers.

6. Support of the Meter Operations Division as requested by the Chief Operating Officer.
7. Engineering and technical assistance associated as needed related to regional system charges.
8. Assist in the development of water system support tools such as DWSD's ability to see GLWA pressure monitors, an AMR summation tool as a proxy for water sales data (ie. tally of daily metered consumption), and non-revenue water analyses/tracking.
9. Assist Executive team with general program/project management support of implementation activities, as requested by the Director or executive management team. All requests for such support shall be made in writing to the Contract Manager.

#### **PROJECT MANAGEMENT STATUS**

A. Start Work Date:	January 1, 2016
B. Original Completion Date:	December 31, 2016
C. Current Completion Date:	June 30, 2017
D. Revised Completion Date:	June 30, 2018
E. Original Contract Amount:	\$450,000.00
F. Change Order No. 1:	\$125,000.00
G. Current Contract Price:	\$575,000.00
H. Change Order No. 2:	\$425,000.00
I. Revised Contract Price:	\$1,000,000.00