

150929

SUBMISSION NO.: CA1142015

PRESENTED: 11-12-15

ADOPTED: RTAB 12-9-15

RESOLUTION

BY THE CITY ADMINISTRATOR:

Resolution Authorizing **Change Order #5** to the Lockwood, Andrews & Newnam Contract for the Implementation of Water Plant Operations

The City of Flint Department of Public Works & Utilities (DPW & Utilities) entered into a contract with Lockwood, Andrews, and Newnam to study the feasibility and develop cost estimates for the Water Plant as a primary water source in a contact amount not to exceed \$1,378,700.00; and

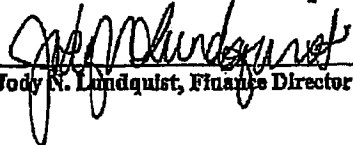
The City of Flint DPW & Utilities entered into change order #4 for additional services to provide a turn-key system of new GAC media in the twelve (12) filters at the Flint Water Plant in an amount not to exceed \$1,601,740.00 for a revised total contract amount of \$2,980,440.00. **Additional services are required to evaluate, design and implement improvements associated with the MDEQ concerns addressing the lead and corrosion issues and design and construction in preparation of the KWA connection. The total cost of additional services is not to exceed \$907,650.00 for a revised total contract amount of \$3,888,090.00. Funding for said services will come from account 591-536.100-801.000; and**

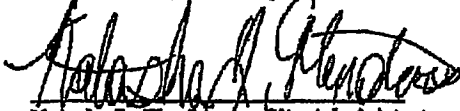
IT RESOLVED, Appropriate City Officials are to do all things necessary to enter into change order #5 in an amount not to exceed 907,650.00 for a total revised contract price of \$3,888,090.00. Funding will come from account 591-536.100-801.000.

APPROVED AS TO FORM:

APPROVED AS TO FINANCE:


Peter M. Bade, Chief Legal Officer


Jody N. Lundquist, Finance Director


Natasha L. Henderson, City Administrator

CITY COUNCIL:

RECEIVERSHIP TRANSITION
ADVISORY BOARD:


Kerry Nelson, Council President

ADOPTED BY THE
RECEIVERSHIP TRANSITION
ADVISORY BOARD
DECEMBER 9, 2015

PRESENTED TO CITY COUNCIL: 11/18/2015
ADOPTED BY CITY COUNCIL: 11/23/2015



Client Additional Services Authorization

Date: 10-4-15

Project Name Flint WTP Phase II Segment I Initial Watermain Cut-in Flint WTP Phase II Segment I Rehab Flint WTP Ph II-Seg II - Lime Residual Disposal Flint Distribution System Modeling/Water Age Analysis	Additional Services Authorization No.
Client Name City of Flint	To Project No. 130-10701-001
Subject of Additional Services	Original Contract Date 6-26-2013

Description

Provide additional services as indicated below and detailed in the attached document for the four (4) projects listed above as noted:

- 1- Flint Distribution System Water Age Analysis, Calibration and Flow Control Scenarios; (\$74,700.00)
- 2- 42" Raw Water Line to PS4 associated with KWA Service; (\$18,950)
- 3- Filter Transfer Station Design and Construction Implementation in preparation of KWA Connection; (\$540,000.00)
- 4- **Lead and Corrosion Analysis, Design and Implementation to address MDEQ Notice;** (\$36,400)
- 5- Standard Operating Procedures/Checkoff lists Development for main processes and equipments at the plant; (\$21,600)
- 6- Design Assistance & Technical Support until KWA System is in Place @ \$10,000/month for 18 months; (\$180,000.00)
- 7- Jar Testing associated with Lake Huron Water as a source in preparation of KWA switch; (\$36,000)

Reason for Change

- 1) Coordination and Calibration of water System Performance and Operational Changes and Storage System Modifications to determine Water Age Analysis in the distribution system associated with the TTHM Issues and Chlorine Residual in the system.
- 2) Provide design changes to assemble a bidding package for the 42" Raw Water line connection to PS4 for KWA
- 3) Develop design and Bid Package for the Filter Transfer Station in preparation of KWA Connection and Manage construction activities on behalf of the City with the selected contractors.
- 4) **Evaluate, Design and Implement Improvements associated with addressing the Lead and Corrosion Issues and respond to MDEQ Concerns.**
- 5) Compile Standard Operating Procedures and Checkoff lists for equipments and processes used by the City working with City staff and vendors and reviewing available O&M Manuals
- 6) Design Assistance & Technical Support to address treatment issues and operational controls until KWA Changes.
- 7) Conduct Jar Testing on Lake Huron Water in anticipation of KWA switch in the summer of 2016 in order to assess operational needs and process changes at the Plant.

Compensation:

Will be an amount equal to _____ times Salary Cost plus reimbursable expenses, both defined in the **PROFESSIONAL SERVICES AGREEMENT**, and in addition to the compensation for **BASIC SERVICES**. Total charges for these **ADDITIONAL SERVICES** are estimated to be approximately \$_____.

Will be the lump sum of \$_____ for these **ADDITIONAL SERVICES**.

Other Cost plus based on current rates for a Total amount of \$907,650.00 (use reverse if necessary)