



## Legislation Details (With Text)

**File #:** 2018-1070    **Version:** 1    **Name:**  
**Type:** Resolution    **Status:** Passed  
**File created:** 1/2/2019    **In control:** Board of Directors  
**On agenda:** 1/23/2019    **Final action:** 1/23/2019  
**Title:** Proposed Change Order No. 4  
Contract No. DWS-858  
Wick Road Pumping Station Improvements  
(CIP# 132001)  
**Sponsors:** Cheryl Porter  
**Indexes:** Water Operations  
**Code sections:**  
**Attachments:** 1. Overview of Water & Field Services Change Orders

Date	Ver.	Action By	Action	Result
1/23/2019	1	Board of Directors	Approved	Pass
1/9/2019	1	Operations and Resources Committee	Recommended for Approval	Pass

### Proposed Change Order No. 4

### Contract No. DWS-858

### Wick Road Pumping Station Improvements

(CIP# 132001)

Agenda of: January 23, 2019

Item No.: **2018-1070**

Amount: Original Contract: \$12,138,000.00  
Previous Change Order Nos. 1-3 \$1,561,409.00  
Proposed Change Order No. 4 \$(152,307.76)  
Total Revised Contract \$13,547,101.24

**TO:** The Honorable  
Board of Directors  
Great Lakes Water Authority

**FROM:** Sue F. McCormick  
Chief Executive Officer  
Great Lakes Water Authority

**DATE:** January 3, 2019

**RE: Proposed Change Order No. 4**  
**Contract No. DWS-858**  
**Wick Road Station Improvements**  
**Vendor: Toolles Contracting Group**

### **MOTION**

Upon recommendation of Cheryl Porter, Chief Operating Officer - Water and Field Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. DWS-858, Change Order No. 4 “Wick Road Station Improvements” with Toolles Contracting Group, with a credit of \$(152,307.76) for a total contract value of \$13,547,101.24 and an extension of 973 calendar days for a total contract duration of 3,746 calendar days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

### **BACKGROUND**

Wick Road Station is a finished water booster pumping station that connects the southern transmission area, serviced primarily by the Southwest Water Treatment Plant; with the northeastern transmission area, serviced by water blended from Springwells and Lake Huron Water Treatment Plants. Toolles Contracting Group and DWSD executed contract number DWS-858 to address necessary upgrades to the Wick Road Station. These upgrades included replacing pumps, motors and drives associated with pump numbers L-1, L-2, and L-3/R-3, new variable frequency drive building enclosure, and the addition of a new passive station bypass.

### **JUSTIFICATION**

The construction contract requires the contractor to provide final waivers from subcontractors and suppliers. Final payment is withheld until all final waivers are provided to GLWA. The prime contractor, Toolles Contracting Group, was not able to secure a final waiver from the pumping equipment supplier until late 2018. The construction work at the site was completed within the revised contract time established through the last change order (Change Order No. 3) to this contract. Upon execution of this proposed Change Order No. 4, GLWA will make final payment to the contractor and will close out the contract. This proposed final Change Order No. 4 also credits GLWA for unused provisional and spare parts allowances that were not used.

### **PROJECT MANAGEMENT STATUS**

Original Contract Duration	1,110 Calendar Days
Change Order Nos. 1-3	1,663 Calendar Days
Proposed Change Order No. 4	973 Calendar Days
New Contract Duration	3,746 Calendar Days
Contract Start Date	November 25, 2008
Original Contract Completion	December 11, 2011
Revised Contract Completion (Change Order 3)	June 30, 2016

Change Order No. 4 Final Completion

February 28, 2019

**PROJECT ESTIMATE**

Original Contract Price	\$12,138,000.00
Change Order Nos. 1-3	\$1,561,409.00
Proposed Change Order No. 4	\$(152,307.76)
New Contract Total	\$13,547,101.24

**FINANCIAL PLAN IMPACT**

**Summary:** Sufficient funds are provided in the financial plan for this project.

**Funding Source:** Water Construction Bond

**Cost Center:** Water Engineering

**Expense Type:** Construction (5519-882111.000-616900-132001)

**Estimated Cost by Year and Related Estimating Variance:** See table below.

Expenses incurred to-date	\$ 13,542,281.24
Contract Value through CO# 3	13,699,409.00
Proposed CO# 4	<u>(152,307.76)</u>
Final Contract	13,547,101.24
Negative Estimating Variance	\$ <u>(4,820.00)</u>

Budget amendment to fund negative estimating variance from capital reserves.

**SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT**

This project provides for improved pumping at Wick Road Station and improvements to bypass flows at Wick Road Station and Ypsilanti Station. Cost savings are not determinable at the time of this award.

**COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on January 9, 2019. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

**SHARED SERVICES IMPACT**

This item does not impact the shared services agreement between GLWA and DWSD.