



## Legislation Details (With Text)

**File #:** 2022-135      **Version:** 1      **Name:**  
**Type:** Resolution      **Status:** Passed  
**File created:** 4/1/2022      **In control:** Board of Directors  
**On agenda:** 4/27/2022      **Final action:** 4/27/2022  
**Title:** Proposed Change Order No. 4  
Contract No. GLWA-CON-297  
Fairview Sewage Pump Station Improvements  
CIP #232001  
**Sponsors:** Cheryl Porter  
**Indexes:** Water Operations  
**Code sections:**  
**Attachments:**

Date	Ver.	Action By	Action	Result
4/27/2022	1	Board of Directors	Approved	Pass
4/13/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

### Proposed Change Order No. 4

### Contract No. GLWA-CON-297

### Fairview Sewage Pump Station Improvements

### CIP #232001

Agenda of: April 27, 2022  
Item No.: **2022-135**  
Amount: Original Contract \$28,891,000.00  
Change Order No. 1 3,654,540.00  
Change Order No. 2 2,561,117.55  
Change Order No. 3 0.00 (Verbiage Only)  
Proposed Change Order 4 3,563,000.00  
Total Revised Contract \$38,669,657.55

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

**FROM:** Suzanne R. Coffey, P.E.  
Interim Chief Executive Officer  
Great Lakes Water Authority

**DATE:** April 1, 2022

**RE: Proposed Change Order No. 4**

**Contract No. GLWA-CON-297**

**Fairview Sewage Pump Station Improvements**

**Vendor: Weiss Construction Co., LLC**

### **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 Interim Chief Executive Officer (ICEO) to **enter into Contract No. GLWA-CON-297 Proposed Change Order No. 4 “Fairview Sewage Pump Station Improvements” with Weiss Construction Co., LLC, at an increased cost of \$3,563,000.00 for a total cost not to exceed \$38,669,657.55, and an increased duration of 479 days for a total duration of 1,788 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

### **BACKGROUND**

This construction contract involves comprehensive improvements to the Fairview Sewage Pump Station located in Detroit, Michigan. The work associated with this contract is nearly completed with all of the new sewage pumping units installed and successfully placed into operation. Remaining work involves completing ancillary improvements such as architectural, building mechanical, and control system integration work.

Rehabilitating the existing outfall sewers from the station to the Detroit River will potentially reduce neighborhood flooding during emergency conditions resulting from severe weather by bypassing the station to the Detroit River. The outfall sewers to be rehabilitated include three existing 60-inch diameter pipes that were originally constructed in the early 1900's. Rehabilitation of the outfall sewers will be improved from the existing condition. Furthermore, this proposed change order seeks to increase the provisional allowance amount in order to complete this new construction work.

Change Order No. 1 was due to unforeseen site conditions for bypass pumping, which results in cost and time. Change Order No. 2 was due to unforeseen site conditions of the June and July 2021 flooding events, which results in cost and time. Change Order No. 3 was verbiage only to the contract to correct the substantial completion date.

### **JUSTIFICATION**

Identified outfall improvements will provide the following:

1. Relief to the Detroit River Interceptor
2. Flood mitigation to the local sewers
3. Flood mitigation to Grosse Pointe Park and the Berry Historic District
4. Reduce potential claims from flooding

Proposed Change Order No. 4 provides the necessary cost and time changes needed to rehabilitate the outfall sewers

### **PROJECT MANAGEMENT STATUS**

Original Contract Time                      950 days    (01/07/2019 - 08/13/2021)

Change Order No. 1	224 days	(08/14/2021 - 03/25/2022)
Change Order No. 2	135 days	(03/26/2022 - 08/08/2022)
Change Order No. 3	0 days	(Verbiage Only)
Proposed Change Order No. 4	479 days	(08/08/2022 - 11/30/2023)
New Contract Time	1,788 days	(01/07/2019 - 11/30/2023)

**PROJECT ESTIMATE**

Original Contract Price	\$28,891,000.00
Change Order No. 1	3,654,540.00
Change Order No. 2	2,561,117.55
Change Order No. 3	0.00
Proposed Change Order No. 4	3,563,000.00
New Contract Total	\$38,669,657.55

**FINANCIAL PLAN IMPACT**

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

**Funding Source:** Wastewater Construction Fund

**Cost Center:** Wastewater Field Engineering

**Expense Type:** Construction (5421-892211.000-616900-232001)

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

Original Contract Price	\$28,891,000.00
Change Order No. 1	3,654,540.00
Change Order No. 2	2,561,117.55
Change Order No. 3	0.00
Proposed Change Order No. 4	<u>3,563,000.00</u>
New Contract Total	38,669,657.55
Amended Financial Plan Estimate	<u>32,146,000.00</u>

Estimating Variance (\$ 6,523,657.55)

A budget amendment will be prepared to fund the negative estimating variance from capital reserves associated with this Proposed Change Order No. 4.

### **COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on April 13, 2022. 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.