



Legislation Details (With Text)

File #: 2022-200 **Version:** 1 **Name:**
Type: Resolution **Status:** Passed
File created: 5/23/2022 **In control:** Board of Directors
On agenda: 6/22/2022 **Final action:** 6/22/2022

Title: Proposed Change Order No. 3
 Contract No. GLWA-CS-060
 Study/Design of an Upgraded Sludge Conveyance System and
 Lighting Improvements at the Detroit Wastewater Treatment Plant
 Vendor: Black & Veatch Limited of Michigan

Sponsors: Navid Mehram

Indexes: Wastewater Operations

Code sections:

Attachments:

| Date | Ver. | Action By | Action | Result |
|-----------|------|---------------------------------------|--------------------------|--------|
| 6/22/2022 | 1 | Board of Directors | Approved | Pass |
| 6/8/2022 | 1 | Operations and Resources Committee | Recommended for Approval | Pass |

Proposed Change Order No. 3
Contract No. GLWA-CS-060
Study/Design of an Upgraded Sludge Conveyance System and
Lighting Improvements at the Detroit Wastewater Treatment Plant
Vendor: Black & Veatch Limited of Michigan

Agenda of: June 22, 2022

Item No.: **2022-200**

| | | |
|---------|-----------------------------|-----------------|
| Amount: | Original Contract Price | \$ 1,990,000.00 |
| | Change Order No. 1 | 96,404.00 |
| | Change Order No. 2 | 0.00 |
| | Proposed Change Order No. 3 | 0.00 |
| | New Contract Total | \$ 2,086,404.00 |

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: May 27, 2022

RE: Proposed Change Order No. 3
Contract No. GLWA-CS-060
Study/Design of an Upgraded Sludge Conveyance System and Lighting
Improvements at the Detroit Wastewater Treatment Plant
Vendor: Black & Veatch Limited of Michigan

MOTION

Upon recommendation of Navid Mehram, Chief Operating Officer - Wastewater Operating 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-CS-060, Proposed Change Order No. 3, “Study/Design of an Upgraded Sludge Conveyance System and Lighting Improvements at the Detroit Wastewater Treatment Plant” with Black & Veatch Limited of Michigan, with no increase in cost, for a total cost not to exceed \$2,086,404.00 and an increased duration of 365 days for a total contract duration of 2,619 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

Black & Veatch Limited of Michigan was awarded the original contract with a start work date of April 29, 2016, for a total contract amount of not-to-exceed \$1,990,000.00 for a duration of 914 days. The main objective of the Black & Veatch consultant services contract was to restore sludge conveyance capacity lost due to the March 2016 fire damage while providing improved sludge conveyance from each dewatering facility to improve operations and minimize future risks. To achieve that goal, evaluation study and design and construction assistance was needed.

On April 14, 2018, Black & Veatch was granted a contract Change Order No. 1 of \$96,404.00 for additional design and construction assistance activities, which increased the total contract value to \$2,086,404.00. The contract duration also was extended via Change Order No.1 to a final completion date of June 29, 2021.

On May 26, 2021, Black & Veatch was granted a contract Change Order No. 2 to extend the contract time from June 30, 2021, to June 30, 2022. The total contract value remained at \$2,086,404.00.

JUSTIFICATION

Construction Change Order No. 2 was issued on January 26, 2022, to Weiss Construction Company for the associated construction contract (GLWA-CON-197) extending the construction contract times to July 31, 2022, for Substantial Completion and January 31, 2023, for Final Completion. It is anticipated that GLWA-CON-197 may not achieve final completion by January 31, 2023, because of performance issues associated with some of the new equipment and other issues.

Black & Veatch and GLWA Construction Engineering agree that an extension of 365 days is needed for the current contract time under CS-060. The final completion date of June 30, 2023 will allow for Black & Veatch to complete the remaining contractual construction administration services to GLWA. Black & Veatch has requested \$15,719.00 associated with this time extension. The additional cost requested will be reviewed/negotiated and paid for with the remaining balance in the CS-060 provisionary allowance. The original provisionary allowance included in the contract is \$240,000.00. The current available balance by design change directive as of April 30, 2022, is \$84,097.00. The cost associated with this time extension will be paid from the available provisionary allowance balance.

PROJECT MANAGEMENT STATUS

| | |
|-----------------------------|------------------------------------|
| Original Contract Time | 914 days (04/29/2016-10/29/2018) |
| Change Order No. 1 | 974 days (10/30/2018-06/29/2021) |
| Change Order No. 2 | 366 days (06/30/2021-06/30/2022) |
| Proposed Change Order No. 3 | 365 days (07/01/2022-06/30/2023) |
| New Contract Time | 2,619 days (04/29/2016-06/30/2023) |

PROJECT ESTIMATE

| | |
|-----------------------------|-----------------|
| Original Contract Price | \$ 1,990,000.00 |
| Change Order No. 1 | 96,404.00 |
| Change Order No. 2 | 0.00 |
| Proposed Change Order No. 3 | 0.00 |
| New Contract Price | \$ 2,086,404.00 |

FINANCIAL PLAN IMPACT

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

Funding Source: Sewer Construction Fund

Cost Center: Wastewater Engineering

Expense Type: Design (5421-892211.000-617950-213007)

This is a time extension change order. There will be no financial impact.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on June 8, 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.