



UTILITIES DEPARTMENT

Wes Byne, P.E.
Director

Chad Hendrix, P.E.
Assistant Director

TO: Andy Penick, Director
Procurement Department

THROUGH: Wes Byne, P.E., Director
Utilities Department

FROM: Mitchell O'Neal, P.E., Engineering Manager
Utilities Department

Cc: Chad Hendrix, P.E., Assistant Director - Engineering & Construction
Augusta Utilities Department

DATE: June 29, 2026

SUBJECT: CHANGE ORDER REQUEST - Highland Avenue Water Treatment Plant - Filter Modification Phase 2

It is the Augusta Utilities Departments request that Option #1 of the attached proposal provided by Rehab Construction Company Inc. be approved via Change Order to include the rehabilitation of Filter #7A within the scope of the construction work being performed in the currently active filter modification project in the amount of \$460,000.00.

The attached Proposal and Contract Change Order Form outline these services, and AUD has determined the associated costs are fair and reasonable. Rehab Construction Company Inc. is currently contracted to perform the construction services associated with the repair of Highland Avenue Water Treatment Plant Filter Modification Phase 2 Project which was approved by the Commission on December 16th, 2025.

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CONSTRUCTION CONTRACT CHANGE ORDER

CO NUMBER	1
BID ITEM	25-193A
DATE	06/29/2026

PROJECT TITLE HIGHLANDS AVE WTP FILTER MODIFICATIONS PHASE 2

ORIGINAL CONTRACT DATE 01/22/2026 **PROJECT NO.** 25-193A/2022-1219-00/2504

OWNER AUGUSTA, GEORGIA **PO NO.** 26AUA041

The following change is hereby made to the contract for the above project:

Description of Change (for a more detailed description see attached proposal):

See the attached Rehab proposal for detailed description of work proposed.

PAYEE		Rehab Construction
TOTAL AMOUNT OF THIS CHANGE ORDER	\$	460,000.00
The contract time will be INCREASED by <u>320</u> calendar days as a result of this change.		
ORIGINAL CONTRACT AMOUNT	\$	3,839,520.88
PREVIOUS CHANGE ORDER (N/A)	\$	N/A
THIS CHANGE ORDER (INCREASE)	\$	460,000.00
TOTAL REVISED CONTRACT AMOUNT WITH CHANGE ORDER	\$	4,299,520.88

FUNDING NUMBER/ACCOUNT NUMBER

PROPOSED BY:	<u>Joshua Haynes</u> CONTRACTOR	DATE:	<u>6.29.2026</u>
REQUESTED BY:	<u>Asa Baird</u> ENGINEER	DATE:	<u>06/29/2026</u>
SUBMITTED BY:	<u>Tw Byn</u> DEPARTMENT HEAD	DATE:	<u>29 Jun 26</u>
FINANCE ENDORSEMENT:	_____ COMPTROLLER	DATE:	_____
RECOMMENDED BY:	_____ ADMINISTRATOR	DATE:	_____
APPROVED BY:	_____ MAYOR	DATE:	_____



Quote No. 001 Proposal No.20260213
Municipality: Augusta Utilities; Highland Ave.
Owner Rep: Ardura; Aaron Baird
Address : 2835 Central Avenue Augusta Georgia
30909
Email: ABaird@ardurra.com

Scope of Work

Rehab Construction Co. Inc. A licensed utility contractor (UC300502) for the state of Georgia meeting all requirements of Georgia code chapter 14 § 43-14-8.2. proposes the following scope of work

Rehab Construction, proposes to perform, provide all labor, means and methods, and material necessary for the following owner requested work.

Option #1: 1 Filter Bay (Filter #7A) **SELECTED FOR CHANGE ORDER #1**

1. Rehab Construction shall demolish the existing underdrain system (a total area of 528.75 sq.ft) down to the concrete floor in Filter #7, Bay A, exposing the center filter flume. The existing underdrain system is Leopold XA underdrain. All debris from demolition shall be disposed of in a contractor supplied haul off container and disposed of off site.
2. After existing Xylem XA underdrain system, Rehab Construction shall scale all existing grout off of the filter floor and filter walls, exposing the original concrete foundation the underdrain system sits on. All old grout is considered debris and shall be disposed of off site.
3. Upon completion of Underdrain and grout removal, Rehab Construction shall thoroughly clean the center flume of filter #7A. This shall include removing all media that has migrated it's way to the flume, thoroughly flushing the flume and backwash pipe via high rate backwash, and vacuum cleaning the center flume of all media, dust and debris.
4. Once all debris is removed and the flume has been cleaned, Rehab Construction shall begin the installation process of the new Leopold Universal XA Underdrain System with the IMS 200 Media Retaining Cap. This material shall be contractor furnished, the cost of which is included in the total proposed price.
5. Rehab Construction shall receive and store on site all Leopold material for filter #7A.
6. Utilizing our specific mono-pour method of installation, Rehab Construction Co. Inc shall perform the following
 - a. Assemble and stock filter #7A with the New Leopold XA Underdrain System
 - b. Install and level all assembled laterals via our mechanical leveling system.
 - c. Seal the flume in preparation of our specific mono-pour system
 - d. Utilizing a grout pump, Rehab Construction shall pour and encapsulate the entire underdrain system with 5000 lbs. PSI strength grout. This grout shall be tested on the day of the pour. Test samples are to be taken from the truck before it enters the grout pump hopper. The testing is contractor supplied and to be performed by an independent

- geotechnical lab. Any other testing the owner may desire to perform will be done as an extra cost.
- e. After allowing the grout to cure for a minimum of 7 days, the grout sample shall undergo a break 7 day break test. If the results exceed 3000 psi strength, per Leopold/Xylem standards, the newly installed underdrain system shall be tested via backwash from a low to a high rate.
7. Once the underdrain system in filter #5 has completed a successful backwash test Rehab Construction shall install new filter media. The contractor supplied media shall consist of the following
- a. 12" Filter Sand (AWWA B100 compliant)
 - i. Effective size: .45-.55mm
 - ii. Uniformity Coefficient: 1.4
 - b. 18" Filter Anthracite (AWWA B100 compliant)
 - i. Effective size: .95-1.05mm
 - ii. Uniformity Coefficient: 1.4
 - 1. Sand shall be skimmed no less than 2 times. A high rate backwash shall be performed between skimming.
 - 2. Anthracite shall be skimmed no less than 2 times. A high rate backwash shall be performed between skimming.
8. Upon completion of the anthracite installation, Rehab Construction shall clean the work area for a final time and demobilize from the site. Our scope of work completed.

*Notes and exclusions:

- 1. Rehab Construction excludes itself from any electrical connection and disconnection associated with filter #7 and any portion of the Highland Avenue Water Treatment Plant.
- 2. Rehab Construction excludes itself from any SCADA and or controls integration for filter #7 and any portion of the Highland Avenue Water Treatment Plant.
- 3. Rehab Construction excludes itself from any filter operations. All backwash, drain, filter rewash, etc. for filter #5 must be performed by Augusta Utilities personnel.
- 4. Rehab Construction excludes itself from filter disinfection.
- 5. Rehab Construction Co. Inc includes a 5 year material warranty for our mono-pour system. This warranty covers the material provided in the mono-pour (the grout).
- 6. Current Material Lead Time (Underdrain Material) is 28 Weeks. 10 Weeks Submittal Time and 18 Weeks Fabrication and Delivery.
- 7. Proposed price is based on no mobilization costs as the owner/owner rep has requested this work be performed during the ongoing Highland Ave. Filter Modifications Phase 2; project # 2022-1219-00

Total Price: \$460,000.00

Payment Terms: Additional Costs to Filter Modifications Phase 2; project # 2022-1219-00. Payments are to be added to the existing payment/schedule of values

This price is valid for 20 calendar days

~~Option #2 - 1 Filter (Filter 7, Bay A and B)~~ NOT SELECTED.

1. Rehab Construction shall demolish the existing underdrain system (a total area of 1058 sq.ft) down to the concrete floor, exposing the center filter flume. The existing underdrain system is Xylem XA underdrain. All debris from demolition shall be disposed of in a contractor supplied haul off container and disposed of off site.
2. After demolishing the Xylem XA underdrain system, Rehab Construction shall scale all existing grout off the filter floor and filter walls, exposing the original concrete foundation the underdrain system sits on. All old grout is considered debris and shall be disposed of off site.
3. Upon completion of XA block and grout removal, Rehab Construction shall thoroughly clean the center flume of filter #7 (bay A and B). This shall include removing all media that has migrated it's way to the flume, thoroughly flushing the flume and backwash pipe via high rate backwash, and vacuum cleaning the center flume of all media, dust and debris.
4. Once all debris is removed and the flume has been cleaned, Rehab Construction shall begin the installation process of the new Xylem XA Underdrain System with the IMS 200 Media Retaining Cap. This material shall be contractor furnished, the cost of which is included in the total proposed price.
5. Rehab Construction shall receive and store on site all Leopold material for filter #7.
6. Utilizing our specific mono-pour method of installation, Rehab Construction Co. Inc shall perform the following
 - a. Assemble and stock filter #7 (bay A and B) with the New Xylem XA Underdrain System
 - b. Install and level all assembled laterals via our mechanical leveling system.
 - c. Seal the flume in preparation of our specific mono-pour system
 - d. Utilizing a grout pump, Rehab Construction shall pour and encapsulate the entire underdrain system with 5000 lbs. PSI strength grout. This grout shall be tested on the day of the pour. Test samples are to be taken from the truck before it enters the grout pump hopper. The testing is contractor supplied and to be performed by an independent geotechnical lab. Any other testing the owner may desire to perform will be done as an extra cost.
 - e. After allowing the grout to cure for a minimum of 7 days, the grout sample shall undergo a break 7 day break test. If the results exceed 3000 psi strength, per Leopold/Xylem standards, the newly installed underdrain system shall be tested via backwash from a low to a high rate.
7. Once the underdrain system in filter #7 has completed a successful backwash test Rehab Construction shall install new filter media. The contractor supplied media shall consist of the following
 - a. 12" Filter Sand (AWWA B100 compliant)
 - i. Effective size: .45-.55mm
 - ii. Uniformity Coefficient: 1.4
 - b. 18" Filter Anthracite (AWWA B100 compliant)
 - i. Effective size: .95-1.05mm
 - ii. Uniformity Coefficient: 1.4
 1. Sand shall be skimmed no less than 2 times. A high rate backwash shall be performed between skimming.
 2. Anthracite shall be skimmed no less than 2 times. A high rate backwash shall be performed between skimming.

8. Upon Completion of the final filter bay (filter #7) Rehab Construction Co. Inc shall clean the work area for a final time and demobilize, the scope of work being complete.

*Notes and exclusions:

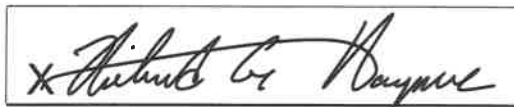
1. Rehab Construction excludes itself from any electrical connection and disconnection associated with filter #7 and any portion of the Highland Avenue Water Treatment Plant.
2. Rehab Construction excludes itself from any SCADA and or controls integration for filter #7 and any portion of the Highland Avenue Water Treatment Plant.
3. Rehab Construction excludes itself from any filter operations. All backwash, drain, filter rewash, etc. for filter #7 must be performed by Augusta Utilities personnel.
4. Rehab Construction excludes itself from filter disinfection.
5. Rehab Construction Co. Inc includes a 5 year material warranty for our mono-pour system. This warranty covers the material provided in the mono-pour (the grout).
6. Current Material Lead Time (Underdrain Material) is 28 Weeks. 10 Weeks Submittal Time and 18 Weeks Fabrication and Delivery.
7. Proposed price is based on no mobilization costs as the owner/owner rep has requested this work be performed during the ongoing Highland Ave. Filter Modifications Phase 2; project # 2022-1219-00

~~Total Price: \$792,500.00~~

Payment Terms: Additional Costs to Filter Modifications Phase 2; project # 2022-1219-00. Payments are to be added to the existing payment/schedule of values

This price is valid for 20 calendar days

Thank you for reaching out to Rehab Construction Co. We look forward to assisting you in achieving your environmental needs.



Richard G. Haynes
Rehab Construction Co. Inc.; Vice President