



**DATA SHEET**  
**Agenda Item No. 22.B.**

Meeting Date: August 2, 2018

**Agenda Item:**

Regarding change orders to filter improvements contract at Taylor Water Plant:

- Consider approval of Change Order No. 2 to existing construction contract with Red River Construction Co. to install additional granular activated carbon in filters at the Taylor Water Treatment Plant.

<b>Placement:</b>	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Individual Consideration	<input type="checkbox"/> Executive Session
<b>Vote:</b>	<input type="checkbox"/> Non-Weighted	<input checked="" type="checkbox"/> Weighted Capital	
<b>Recommending Department: Engineering</b>			

**Background:**

Proposed Change Order No. 2 includes purchase and installation of 1,548 cu. ft. of new GAC required to top off filters 3, 8 and for rebuilding filter 2 after a drop in water demand. The proposed cost is based on the unit price included in the Red River Construction Co. contract and totals \$66,564.00. The GAC manufacturer only produces the product at certain times of the year. The next batch of orders is expected to be filled in mid-August.

A 105 day time extension is being incorporated into this proposed change order to account for postponing the work (installing GAC and rebuilding Filter 2) until after the summer high water demand period.

**Financial:**

Sufficient funds are available in the FY 2018 Capital Budget (project number 53U) for this change order.

**Recommendation:**

Board of Directors approve Change Order No. 2 to the contract with Red River Construction Co. in the amount of \$66,564.00 for additional GAC for filters at the Taylor WTP.

**Enclosures:**

Proposed Change Order No. 2

Submitted By: \_\_\_\_\_

A handwritten signature in blue ink, appearing to read "Kurt Staller".

Kurt Staller, Assistant Director/ Engineering & Construction

Date: July 27, 2018

**CHANGE ORDER (CO)**

PROJECT: <u>Taylor Filter Rehabilitation 2 Project</u>	PROJECT NUMBERS
OWNER: <u>Upper Trinity Regional Water District</u>	ENGINEER: _____
ENGINEER: <u>Carollo Engineers, Inc.</u>	CONTRACTOR: _____
CONTRACTOR: <u>Red River Construction, Co.</u>	DATE: <u>July 25, 2018</u>
CHANGE ORDER NUMBER: <u>02</u>	

The compensation agreed upon in this Change Order is a full, complete and final payment for all costs the Contractor incurs as a result of or relating to this change, whether said costs are known, unknown, foreseen or unforeseen at this time, including without limitation, any costs for delay, extended overhead, ripple or impact costs, or any other effect on changed or unchanged work as a result of this change.

**CHANGE ORDER WORK TO BE PERFORMED**

<u>Proposed Contract Modification</u>	<u>Time Extension Calendar Days</u>	<u>Increase / (Decrease) Amount \$</u>
Additional GAC media required for Filter 2, 3, and 8 (See email dated 7/17/18) and time extension to order and Complete GAC media top off in Filters 3 and 8	60	\$66,564.00
This item is time extension for completion of Filter 2 (See email dated 6/20/18).	45	
<b>TOTAL</b>	<u>105</u>	<u>\$66,564.00</u>

Original Contract Amount	\$ 1,893,794.00
Previous Change Orders	\$ 29,240.00
Net Increase in Contract Amount (this change order)	\$ 66,564.00
Revised Contract Amount	\$ 1,989,598.00
Net Change in Contract Time (Substantial Completion)	<u>105 Calendar Days</u>
Net Change in Contract Time (Final Completion)	<u>105 Calendar Days</u>
Original Substantial Completion Date	<u>May 31, 2018</u>
Original Final Completion Date	<u>August 31, 2018</u>
Revised Substantial Completion Date	<u>November 2, 2018</u>
Revised Final Completion Date	<u>February 2, 2019</u>

PROJECT: Taylor Filter Rehabilitation Project No. 2  
OWNER: Upper Trinity Regional Water District  
ENGINEER: Carollo Engineers, Inc.  
CONTRACTOR: Red River Construction Co.  
CHANGE ORDER NUMBER: 02

**PROJECT NUMBERS**  
ENGINEER: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_  
DATE: July 25, 2018

Recommended by Engineer:

By \_\_\_\_\_  
For: Carollo Engineers, Inc.

Date: \_\_\_\_\_

Submitted by Contractor:

By   
For: Red River Construction Co.

Date: 7/25/18

Recommended by:

By \_\_\_\_\_  
For: Upper Trinity Regional Water District

Date: \_\_\_\_\_

Approved by:

By \_\_\_\_\_  
For: Upper Trinity Regional Water District

Date: \_\_\_\_\_

**From:** Robert Hardin <[Robert.Hardin@redriverconstruction.com](mailto:Robert.Hardin@redriverconstruction.com)>

**Date:** July 17, 2018 at 2:11:04 PM CDT

**To:** Eddie Stough <[eddie.stough@redriverconstruction.com](mailto:eddie.stough@redriverconstruction.com)>

**Cc:** "Jim.Sunnenberg@redriverconstruction.com" <[Jim.Sunnenberg@redriverconstruction.com](mailto:Jim.Sunnenberg@redriverconstruction.com)>, Dean Porter <[Dean.Porter@redriverconstruction.com](mailto:Dean.Porter@redriverconstruction.com)>

**Subject:** Filter and GAC progress

Completed Filters

- #1
- #4
- #5
- #6
- #7
- #9
- #10

Total of 7 complete

Filter #2 waiting underdrain replacement and reuse 90% of existing GAC

Filter #3 needs 8 bags of GAC

Filter #8 needs 21 bags of GAC

29 bags for #3 and 8

If we only lose 10% of GAC out of #2 that is still 12 bags plus the 2 that it is short now for a total of 14 bags

43 bags will finish the GAC for this job if we can salvage 90% of #2 like they want.

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**From:** Dean Porter  
**To:** [John Zwerneman](#)  
**Cc:** [Elizabeth Boddicker](#); [Kurt Staller](#); [Chris Fulks](#); [Jim Gallovich](#); [Eddie Stough](#); [Jim Sunnenberg](#)  
**Subject:** RE: UTRWD Taylor WTP Filter Rehab Project No. 2 - Filter Schedule  
**Date:** Wednesday, June 20, 2018 9:07:27 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image005.png](#)  
[image006.png](#)

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As per our conversation today, Red River will obtain an additional 500 c.f. of GAC to help in completing the topping off of the seven filters not being replaced. We will complete the topping off of the filters within 20 days of today pending availability of each filter. This is based on two days per filter and additional time for weekends and abnormal filter replacement (Filter #9 will take close to 40 super sacks to get back to proper levels).

A change order be provided by the District adding those days and those that have passed for Operational completion. Red River will complete Filter #2 in September, October or November depending on water demands. That work will be done in no longer than 45 days after release of the filter. Damages will start after the 45 days should we not complete on time.

Should you have any questions or problems, please feel free to contact us.

Thank You,

***Red River Construction Co.***

***Dean Porter***

President

**From:** Dean Porter  
**Sent:** Tuesday, June 19, 2018 2:43 PM  
**To:** 'John Zwerneman' <JZwerneman@carollo.com>  
**Cc:** eboddicker (eboddicker@utrwd.com) <eboddicker@utrwd.com>; Kurt Staller <kstaller@utrwd.com>; Chris Fulks <cfulks@utrwd.com>; Jim Gallovich <JGallovich@carollo.com>; Eddie Stough <eddie.stough@redriverconstruction.com>; Jim Sunnenberg <Jim.Sunnenberg@redriverconstruction.com>  
**Subject:** RE: UTRWD Taylor WTP Filter Rehab Project No. 2 - Filter Schedule

We are in receipt of your letter requesting a change of conditions and will be working up a cost for delaying the project. As of this date we will require two weeks plus any additional time you need to provide us Filter #2. Since there are no damages set forth in the contract for topping off the filters, we will put a cost together for that pending a schedule from the District on how they want them done.

Otherwise, we be topping them off starting tomorrow with filter #9 and will require another filter in two hours after that one is topped off until the seven are complete or we run out of GAC. If the later

happens, we will require a change order for delays in getting the media along with additional cost for equipment left on the project. Based on the tone of the letter, we will be cancelling the 500 c.f. of media the District mentioned they wanted until we obtain a change order in strict accordance of the contract documents.

Thank You,

**Red River Construction Co.**

**Dean Porter**

President

**From:** John Zwerneman <[JZwerneman@carollo.com](mailto:JZwerneman@carollo.com)>

**Sent:** Monday, June 18, 2018 3:11 PM

**To:** Dean Porter <[Dean.Porter@redriverconstruction.com](mailto:Dean.Porter@redriverconstruction.com)>

**Cc:** eboddicker ([eboddicker@utrwd.com](mailto:eboddicker@utrwd.com)) <[eboddicker@utrwd.com](mailto:eboddicker@utrwd.com)>; Kurt Staller <[kstaller@utrwd.com](mailto:kstaller@utrwd.com)>; Chris Fulks <[cfulks@utrwd.com](mailto:cfulks@utrwd.com)>; Jim Gallovich <[JGallovich@carollo.com](mailto:JGallovich@carollo.com)>; Eddie Stough <[eddie.stough@redriverconstruction.com](mailto:eddie.stough@redriverconstruction.com)>; John Zwerneman <[JZwerneman@carollo.com](mailto:JZwerneman@carollo.com)>

**Subject:** UTRWD Taylor WTP Filter Rehab Project No. 2 - Filter Schedule

Dean,

Please see attached letter regarding the filter schedule.

John Zwerneman, P.E.  
Carollo Engineers, Inc.  
14785 Preston Road, Suite 950  
Dallas, TX 75254  
P: 972-239-9949  
M: 281-435-5352  
[www.carollo.com](http://www.carollo.com)



**WATER IS OUR FOCUS, OUR BUSINESS, AND OUR PASSION**

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