



**DATA SHEET**  
**Agenda No. 19A.**

**Meeting Date: December 7, 2017**

**Agenda Item:**

Consider award of contracts for capital projects:

- A. Contract to Red River Construction, Co. for construction of rehabilitation and improvements to the filters and hypochlorite storage tanks 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:</b> Engineering			

**Background:**

At its October 2017 meeting, the Board authorized Carollo Engineers to complete final design and prepare plans and specifications for necessary repairs and rehabilitation of finished water filters; and for replacement of four hypochlorite storage tanks at the Taylor Water Treatment Plant. The proposed construction project includes: 1) installation of new underdrains and filter media in three filters; 2) addition of replacement filter media to top-off the remaining seven filters; 3) painting of piping in filter gallery; and 4) replacement of four existing hypochlorite storage tanks.

Plans and specifications were completed; the project was advertised; and, bids were received on November 28, 2017. Red River Construction, Co. submitted the only bid in the amount of \$1,893,794.00. Although only one bid was received, the District has extensive experience with Red River Construction, Co. They have a good track record of successfully completing projects on time and within budget; in fact, Red River was the contractor for the previous filter repair work in 2013. This project is very time sensitive – needing to be completed prior to the peak water demands of next summer. Staff and Engineer have reviewed the bid and recommend awarding the construction contract to Red River Construction, Co. The Engineer’s estimate for this project was \$2,032,000.00.

**Financial:**

Funding for filter rehabilitation and hypochlorite tank replacement is available in the Regional Treated Water System FY 2018 Capital Budget referenced as RTWS Filter & Underdrain Improvements @TWTP.

**Recommendation:**

Staff recommends awarding construction contract for repair and rehabilitation of filters, and for replacement of hypochlorite tanks at the Taylor Water Treatment Plant to Red River Construction, Co. in the amount of \$1,893,794.00.

**Enclosures:**

Proposed Resolution with Engineer’s Recommendation.

Submitted By:   
Kurt Staller, Acting Director of Engineering & Construction

Date: December 1, 2017



# RESOLUTION

## RESOLUTION # 2017- \_\_\_\_\_

### **A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT AWARDING A CONTRACT TO RED RIVER CONSTRUCTION CO. FOR CONSTRUCTION OF REHABILITATION AND IMPROVEMENTS TO THE FILTERS AND HYPOCHLORITE STORAGE TANKS AT THE TAYLOR REGIONAL WATER TREATMENT PLANT.**

**WHEREAS**, Upper Trinity Regional Water District (District), is a political subdivision of the State created by the Texas Legislature in 1989 by the passage of HB 3112 Chapter 1053, Acts of the 71st Legislature of Texas Regular Session 1989 (the Act), as a conservation and reclamation district under Article 16 Section 59 of the Texas Constitution; and,

**WHEREAS**, District has proceeded to carry out its legislative purposes of establishing water and wastewater systems on a wholesale regional basis for Denton County and its environs, for members and other entities who provide utility services on a retail basis; and,

**WHEREAS**, District has the power conferred by Chapter 54 of the Texas Water Code and the Act to enable it to carry out its purposes; and,

**WHEREAS**, the Act provides legal authority for District to acquire, construct, improve, maintain and operate wholesale water and wastewater systems and treatment works necessary to provide such services to its customers; and,

**WHEREAS**, District's Board of Directors consists of individual representatives appointed by towns, cities and utilities plus Denton County; and

**WHEREAS**, Board of Directors desire to have the filters repaired and rehabilitated at the Taylor Regional Water Treatment Plant as soon as possible to assure system capacity; and,

**WHEREAS**, the engineering firm of Carollo Engineers was retained to prepare the necessary engineering plans, to draft bid and contract documents and to take the necessary steps, including advertising, to receive bids for repairs and rehabilitation of certain filters and for replacement of hypochlorite tanks at the Taylor Regional Water Treatment Plant; and,

**WHEREAS**, District received bids on November 28, 2017 from one (1) contractor; and,

**WHEREAS**, Red River Construction, Co, submitted the lowest most responsible base bid in the amount of \$1,893,794.00; and,

**WHEREAS**, District's engineer, Carollo Engineers, District staff and this Board have reviewed a tabulation of the bid and have concluded that the contract should be awarded to Red River Construction, Co. Red River Construction, Co. is a responsible company, who submitted a responsive bid that is the most advantageous to District and will result in the best and most economical completion of District's proposed project; and,

**WHEREAS**, District complied with Section 49.273 title 4 of the Texas Water Code in advertising for the bids and awarding the contract and other relevant and applicable laws, rules, regulations and requirements; and,

**WHEREAS**, it is deemed by the Board to be in the best interest of the District to award a contract to Red River Construction, Co., the low responsive/ responsible bidder of one bidder in the amount of \$1,893,794.00; and,

**WHEREAS**, District has concluded that Red River Construction, Co's bid was responsive and in substantial compliance with the bid specifications and documents, that Red River Construction, Co. has complied with and agrees to comply with all bid specifications and drawings; and,

**WHEREAS**, no bidder was placed in any disadvantageous position and Red River Construction, Co., was not given any advantage whatsoever in regard to compliance with the bid specifications; and,

**WHEREAS**, timing is critical in the awarding, commencement and completion of the subject contract and any delay would be both costly and potentially harmful to District and to the public.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:**

**SECTION 1.** That all matters stated in the preamble are found to be true and correct and are incorporated into the body of this resolution as if copied in their entirety.

**SECTION 2.** That the President of the Board of Directors be and is hereby authorized to enter into the contract with Red River Construction, Co. for repairs and rehabilitation of filters and for replacement of four hypochlorite tanks at the Taylor Regional Water Treatment Plant.

**SECTION 3.** That the Executive Director be and is hereby authorized to sign other documents necessary for the successful execution of the contract.

**SECTION 4.** That the Executive Director be and is hereby authorized to pay the amount of \$1,893,794.00 as the work progresses.

**SECTION 5.** That this Resolution shall become effective immediately upon its passage.

**DULY PASSED AND APPROVED THIS 7TH DAY OF December 2017.**

Recommended:

  
\_\_\_\_\_  
Thomas E. Taylor, Executive Director

Executed:

\_\_\_\_\_  
Kevin Mercer, President

Attest:

\_\_\_\_\_  
Mike Fairfield, Secretary

Attachment:

Engineer's Recommendation Letter with Bid Tabulation



November 30, 2017

Mr. Kurt Staller, PE  
Acting Director of Engineering and Construction  
Upper Trinity Regional Water District  
P.O. Box 305  
Lewisville, Texas 75067-0305

Subject: Thomas E. Taylor Regional WTP  
Filter Rehabilitation Project No. 2  
Bid Evaluation / Award Recommendation

Dear Mr. Staller:

On November 28, 2017, bids for construction of the Filter Rehabilitation Project No. 2 at the Thomas E. Taylor Regional WTP were publicly opened and read aloud. One construction firm, Red River Construction, submitted a bid.

Red River Construction's bid of \$1,893,794 was less than the Engineer's estimate of \$2,032,600 for the project.

Red River Construction has successfully completed several projects for the District in the past, including the previous Filter Rehabilitation Project, the On-site Hypochlorite Generation project, and the Highland Village Lift Station project. The District has had a positive experience with Red River Construction on these projects. Carollo has contacted one of the listed filter related reference projects for Red River Construction. This reference provided favorable feedback on Red River Construction and their personnel.

### Recommendation

Even though only a single bid was submitted, the bid came in under the Engineer's estimate and the contractor is the same contractor that successfully completed the previous filter project at the Taylor WTP. Carollo's recommendation to the Upper Trinity Regional Water District is for award of the above contract to Red River Construction in the amount of \$1,893,794. Please call if you have any questions.

Sincerely,

CAROLLO ENGINEERS, INC.



Jim Gallovich, P.E.  
Project Manager

JG:ckt