



DATA SHEET
Agenda Item No. 16.

Meeting Date: December 7, 2017

Agenda Item:

Resolution authorizing acceptance of completed work, approval of final payment and release of retainage for construction contract awarded to Crescent Constructors, Inc. for odor control and miscellaneous improvements at Lakeview Regional Water Reclamation Plant and for TxDOT's FM 2181 project.

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

Background:

On June 2, 2016 Board authorized award of a construction contract in the amount of \$2,133,000.00 to Crescent Constructors, Inc. for construction of odor control and miscellaneous improvements at the Lakeview Regional Water reclamation Plant.

The primary focus of this project was to install covers over the aeration basin influent channel, an influent junction box, and provide additional odor control equipment. Other improvements included modifications to the activated sludge pump station, installation of equalization basin sump and pump, a sodium hypochlorite storage tank and removal of deteriorating aeration basin walkways.

Five change orders were approved for this project. Three change orders were for work directly related to the Lakeview Odor Control Improvements and two were for work related to TxDOT's road improvement project to widen FM 2181. The road improvement project change orders were to add encasement to treated water pipelines crossing FM 2181.

All work has been completed in accordance with the plans, specifications and change orders except for minor punch list items. Further, District's consultant, Alan Plummer Associates, Inc. and staff recommend that the Board accept the project as complete, and authorize final payment, including release of retainage, pending completion of minor punch list items.

Original Contract Amount	\$2,133,000.00
Change Orders 1, 3 & 5 (Lakeview Odor Control Improvements)	\$ 42,050.53
Change Orders 2 and 4 (TxDOT FM 2181 Widening)	\$ 230,149.33
Revised Contract Amount	\$2,405,199.86
Net Change in Contract Time of Completion (Substantial Completion)	149 Calendar Days
Net Change in Contract Time of Completion (Final Completion)	149 Calendar Days
Revised Contract Substantial Completion Date	November 16, 2017
Revised Contract Final Completion Date	December 21, 2017

Financial:

Funding for odor control and miscellaneous improvements at Lakeview Regional Water Reclamation Plant is available in the Lakeview Regional Water Reclamation Plant FY 2018 Capital Budget referenced as General Plant Improvements with project number 5L3. Funding for TxDOT's FM 2181 project is available in the Regional Treated Water System FY 2018 Capital Budget referenced as Relocation/TxDOT FM 2181 Project with project number 5T3.

Recommendation:

Staff recommends approval of enclosed Resolution.

Enclosures:

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 AUTHORIZING ACCEPTANCE OF LAKEVIEW REGIONAL WATER RECLAMATION PLANT ODOR CONTROL AND MISCELLANEOUS IMPROVEMENTS, PROVIDING FOR FINAL PAYMENT AND RELEASE OF RETAINAGE TO CRESCENT CONSTRUCTORS, INC.

WHEREAS, on June 2, 2016 the Board of Directors of Upper Trinity Regional Water District approved Resolution No. 2016-16 authorizing the contract with Crescent Constructors, Inc. for Lakeview Regional Water Reclamation Plant Odor Control and Miscellaneous Improvements; and,

WHEREAS, the construction contract was subsequently executed and notice to proceed was issued on July 25, 2016; and,

WHEREAS, two change orders were approved to include work related to the Regional Treated Water System in order to meet TxDOT's roadway improvement schedule for FM 2181; and,

WHEREAS, three change orders were approved related directly to the odor control improvements project at the Lakeview Water Reclamation Plant; and,

WHEREAS, approved change orders provided for adjustments to the contract amount and to the contract time; and,

WHEREAS, Crescent Constructors, Inc. has completed all work, except minor punch list items, on the Lakeview Regional Water Reclamation Plant Odor Control and Miscellaneous Improvements (including work related to TxDOT project on FM 2181) in accordance with the contract plans, specifications and approved change orders; and,

WHEREAS, District's consulting engineer, Alan Plummer Associates, Inc. has certified the project to be in conformance with the contract plans, specifications and change orders.

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 construction of the Lakeview Regional Water Reclamation Plant Odor Control and Miscellaneous Improvements (including work related to TxDOT project on FM 2181) is

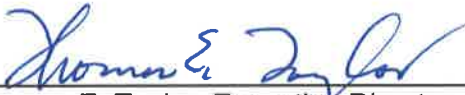
considered complete, except for minor punch list items, and is hereby accepted by the District.

SECTION 3. That the Executive Director is authorized to make final payment to the contractor in the amount of \$124,076.14, contingent upon completion of minor punch list items.

SECTION 4. 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

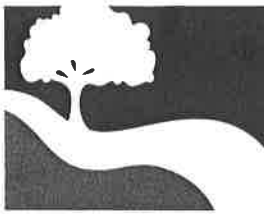
Attest:

Mike Fairfield, Secretary

Attachments:

Engineer's recommendation





ALAN PLUMMER ASSOCIATES, INC.

ENVIRONMENTAL
ENGINEERS AND SCIENTISTS

0449-071-01

November 28, 2017

Mr. Kurt Staller, PE
Senior Professional Engineer
Upper Trinity Regional Water District
900 N. Kealy
Lewisville, Texas 75057

Re: Upper Trinity Regional Water District
Lakeview Water Reclamation Plant
Odor Control and Miscellaneous Improvements
Recommendation of Final Acceptance of Project

Dear Mr. Staller:

This letter is written to give notice of project completion, provide the Engineer's Certification of project completion in accordance with the contract documents, and to provide Recommendation of Final Acceptance of Project.

Notice of Project Completion

On October 6, 2017, representatives from the Upper Trinity Regional Water District and Alan Plummer Associates, Inc. (APAI) conducted a substantial completion walkthrough of the Lakeview Water Reclamation Plant Odor Control and Miscellaneous Improvements construction project. As of November 28, 2017, most of the punch list items have been completed.

Engineer's Certification of Project Completion in accordance with Plans/Specs

I certify that the completed work, including construction, materials, and equipment, generally complies with 30 TAC Chapter 217, except for minor items noted in the punch list. The work has been completed in accordance with the Texas Commission on Environmental Quality approved documents, plans and specifications, and change orders.

Recommendation of Final Acceptance of Project

Based upon our certification of project completion, I recommend that the District issue a final acceptance of this project. The final total amount for the construction of this project is \$2,405,199.86, which includes Change Orders No. 1 through No. 5.



Mr. Kurt Staller
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November 28, 2017

Recommendation of Final Pay Estimate No. 16-Final

Five (5) copies of Final Pay Estimate No. 16 for the release of the 5% retainage and payment of the item in Change Order No. 5 are being submitted to the District with this letter. We reviewed the estimate and recommended payment in the amount of \$124,076.14. This pay estimate was executed by our office and required a final reconciliation of quantities. We recommend final payment upon completion of the remaining punch list items.

Please call me if you have any questions.

Sincerely yours,

ALAN PLUMMER ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Josh P. Frisinger".

Josh P. Frisinger, P.E.
TX P.E. 97545
Project Manager

JPF/ce

cc: Mr. Jeffrey E. Caffey, P.E., Alan Plummer Associates, Inc.