



**DATA SHEET**  
**Agenda Item No. 14.**

**Meeting Date: September 7, 2017**

**Agenda Item:**

Resolution authorizing acceptance of completed work, approval of final change order, final payment and release of retainage for construction contract awarded to Felix Construction Company for repairs to leaks and settlement, including needed replacement of sidewalk and pavement at Taylor Regional 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:**

On April 7, 2016, the Board authorized award of a contract in the amount of \$727,313.00 to Felix Construction Company for repairs at the Taylor Regional Water Treatment Plant.

The project consists of replacing sidewalks, repairing slab joints/cracks in the basins, repairing areas of subgrade erosion, replacing areas of internal plant roadway paving (previously disturbed by other leak repairs). The project also includes installation of an internal all-weather roadway needed for this project and for long-term improved access to the north side of the sedimentation basins and to the east side of the existing backwash tank.

Proposed Final Change Order (No. 3) balances quantities, includes repairs for additional repairs and a time extension. Pending Board approval, the amount due for final payment is \$105,463.56, including repairs for additional cracks and release of retainage.

Work has been completed in accordance with the plans, specifications and change orders. Further, District's consultant, JQ Infrastructure and staff recommend that the Board approve Change Order No. 3, accept the project as complete, and authorize final payment and release of retainage.

**Financial:**

Original Contract Amount	\$ 727,313.00
Previous Change Orders	\$ 4,425.56
Change Order No. 3 (Final)	\$ 23,793.74
Revised Contract Amount	\$ 755,532.30

**Recommendation:**

Staff recommends approval of enclosed Resolution and Final Change Order No. 3

**Enclosures:**

Resolution with Engineer's recommendation and Change Order No. 3 (Final)

Submitted By:   
\_\_\_\_\_  
Jody Zabolo, Acting Director of Engineering & Construction

Date: August 31, 2017



# RESOLUTION

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

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT AUTHORIZING ACCEPTANCE OF CONSTRUCTION FOR TAYLOR WATER TREATMENT PLANT REPAIRS, PROVIDING FOR FINAL PAYMENT AND RELEASE OF RETAINAGE TO FELIX CONSTRUCTION COMPANY.**

**WHEREAS**, on April 7, 2016 the Board of Directors of Upper Trinity Regional Water District approved Resolution No. 2016-10 authorizing the contract with Felix Construction Company for Taylor Water Treatment Plant Repairs; and,

**WHEREAS**, the construction contract was subsequently executed and full notice to proceed was issued on April 26, 2016; and,

**WHEREAS**, Felix Construction Company has completed work on Taylor Water Treatment Plant Repairs in accordance with the contract plans, specifications and approved change orders; and,

**WHEREAS**, District's consulting engineer, JQ Infrastructure, LLC 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 Taylor Water Treatment Plant Repairs is considered complete 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 \$105,463.56.

**SECTION 4.** That this resolution shall become effective immediately upon its passage.

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

Recommended:   
Thomas E. Taylor, Executive Director

Executed: \_\_\_\_\_  
Kevin Mercer, President

Attest: \_\_\_\_\_  
Mike Fairfield, Secretary

Attachments: Engineer's recommendation  
Proposed Change Order No. 3



**DRAFT**

**CHANGE ORDER 3 (CO#3)**

PROJECT: Taylor WTP Improvements PROJECT NUMBER: 4150294  
OWNER: Upper Trinity Regional Water District  
ENGINEER: JQ Infrastructure, LLC  
CONTRACTOR: Felix Construction Company  
CHANGE ORDER NUMBER: 3 – Final DATE: 8/29/2017

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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.

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**CHANGE ORDER WORK PERFORMED**

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This balancing change order is issued to resolve the quantities of each bid item and previously issued change orders.

<u>Contract Modifications</u>	<u>Time Extension Calendar Days</u>	<u>Increase / (Decrease) Amount \$</u>
Balance Quantities for Bid Item 7		(\$ 3,061.60)
Balance Quantities for Bid Item 8		(\$ 26,230.65)
Balance Quantities for Bid Item 15		(\$ 1,541.12)
Balance Quantities for Bid Item 18		\$ 26,198.31
Balance Quantities for Bid Item 19		(\$ 7,000.00)
Credit for L-shaped Concrete Reduction (Change Order 1)		(\$ 421.80)
Basin 1, 2, & 3 Leaking Crack Repairs	<u>15</u>	\$ 15,203.82
Basin 1 Additional Leaking Crack Repairs	<u>7</u>	\$ 14,596.71
Basin 3 Expansion Joint repair	<u>21</u>	\$ 3,022.00
Basin 2 Leaking Wall Expansion Joint Repair	<u>5</u>	\$ 3,027.87
<b>TOTAL</b>	<b><u>48</u></b>	<b><u>\$ 23,793.74</u></b>

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Original Contract Amount	<u>\$ 727,313.00</u>
Previous Change Orders	<u>\$ 4,425.56</u>
Net Increase in Contract Amount (this change order)	<u>\$ 23,793.74</u>
Revised Contract Amount	<u>\$ 755,532.30</u>

Net Change in Contract Time (Substantial Completion)	<u>247 Calendar Days</u>
Net Change in Contract Time (Final Completion)	<u>272 Calendar Days</u>
Original Substantial Completion Date	<u>8/08/2016</u>
Original Final Completion Date	<u>8/15/2016</u>
Revised Substantial Completion Date	<u>8/02/2017</u>
Revised Final Completion Date	<u>9/07/2017</u>

**DRAFT**

CHANGE ORDER (CO)

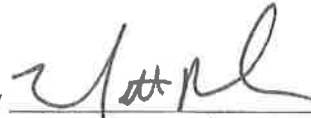
PAGE 2 OF 2

PROJECT: Taylor WTP Improvements  
OWNER: Upper Trinity Regional Water District  
ENGINEER: JQ Infrastructure, LLC  
CONTRACTOR: Felix Construction Company  
CHANGE ORDER NUMBER: 3 - Final

PROJECT NUMBER: 4150294  
DATE: 08/29/17

Recommended by Engineer:

Submitted by Contractor:



By \_\_\_\_\_  
For: JQ Infrastructure, LLC

By \_\_\_\_\_  
For: Felix Construction Company

Date: 8/29/17

Date: 8-29-17

Recommended by:

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

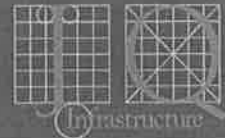
Date: \_\_\_\_\_

Approved by:

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

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

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100 GLASS STREET, SUITE 201, DALLAS, TEXAS 75207  
972.392.7340 PHONE  
JQIENG.COM

08/29/17

Mr. Adam McKnight, P.E.  
Upper Trinity Regional Water District  
900 North Kealy Street  
Lewisville, Texas 75067

Re: Final Payment Recommendation – Taylor WTP Repairs Project

Mr. McKnight,

JQ Infrastructure, LLC (JQ) recommends release of retainage and final payment upon completion of any punch list items. To the best of our knowledge the work has been completed in general conformance with the plans, specifications, and change documents.

It has been a pleasure to serve you on this project.

Sincerely,  
JQ INFRASTRUCTURE, LLC  
TBPE Firm No. F-7986

A handwritten signature in cursive script that reads "Jerry W. Snead II".

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Jerry W. Snead II, PE  
Associate/Senior Project Manager