

This Agenda is posted pursuant to Chapter 551, Texas Government Code

**Matters to Come Before a Meeting of the Board of Directors  
of Tarrant Regional Water District**

**To Be Held the 16<sup>th</sup> Day of May 2023 at 9:00 a.m.**

**Front Doors to the Main Admin Building at 800 East Northside Drive Will Open to  
the Public at 8:30am and Close Fifteen (15) Minutes After the Meeting Adjourns**

**TRWD Board Room  
800 East Northside Drive  
Fort Worth, Texas 76102**

**PLEASE BE ADVISED THAT A QUORUM OF THE BOARD OF DIRECTORS OF TRWD  
WILL CONVENE ON THE ABOVE DATE AND TIME FOR THE PURPOSE OF  
CONSIDERING AND ACTING UPON THE MATTERS SET FORTH IN THIS AGENDA.  
THE LINK TO VIEW AND LISTEN TO THE MEETING VIA INTERNET IS  
<HTTPS://WWW.TRWD.COM/BOARDVIDEOS>. A RECORDING OF THE MEETING  
WILL ALSO BE AVAILABLE AT <HTTPS://WWW.TRWD.COM/BOARDVIDEOS>.**

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- 1. Pledges of Allegiance**
- 2. Public Comment**

**Citizens may present public comment at this time, limited to a total time of three (3) minutes per speaker, unless the speaker addresses the Board through a translator, in which case the limit is a total time of six (6) minutes. If citizens wish to address the Board in person, each proposed speaker must have completed and submitted a speaker card prior to the commencement of the meeting, identifying any agenda item number(s) and topic(s) the speaker wishes to address with the Board. If citizens wish to address the Board virtually, each proposed speaker must have contacted Mr. Chad Lorange of TRWD - by telephone at (817) 720-4367 or by email at [chad.lorange@trwd.com](mailto:chad.lorange@trwd.com) - by no later than 3:00 p.m. on Monday, May 15, 2023, identifying any agenda item number(s) and topic(s) the speaker wishes to address with the Board. In such event, the speaker will be provided with a dial-in number to address the Board. By law, the Board may not deliberate, debate, or take action on public comment but may place the item on a future agenda.**

- 3. Consider Approval of the Minutes from the Meeting Held on April 18, 2023**
- 4. Consider Approval of Resolution to Canvass and Declare the Results of the May 6, 2023 Board of Directors Election - Stephen Tatum, General Counsel**
- 5. Administer Oaths of Office - Leah King, Board President**

6. **Consider Adoption of Resolution Honoring Martha V. Leonard - Leah King, Board President**
7. **Consider Approval of Contract with Quiddity Engineering LLC for Design Improvements to TRWD Outlet Dechlorination Facilities at Lakes Arlington and Benbrook - Jason Gehrig, Infrastructure Engineering Director**
8. **Consider Approval of Change Orders with BAR Constructors, Inc. for the Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modification Project - Jason Gehrig, Infrastructure Engineering Director**
9. **Consider Approval of Contract Amendment with Freese and Nichols, Inc. for Integrated Pipeline Project Phase 3 Program and Construction Management Services - Ed Weaver, IPL Program Manager**
10. **Consider Approval of Contract Amendment with Plus Six Engineering, LLC for Integrated Pipeline Project Phase 3 Program and Construction Management Services - Ed Weaver, IPL Program Manager**
11. **Consider Approval of Change Order to Contract with Traylor Sundt Joint Venture for Section 19 Long Tunnel Crossings of the Integrated Pipeline Project - Ed Weaver, IPL Program Manager**
12. **Consider Approval of Contract with Garrett Demolition, Inc. for Demolition and Asbestos Abatement of South Bypass Channel-Package 1 for the Central City Flood Control Project - Kate Beck, Assistant Program Director, Central City Flood Control Project**
13. **Consider Approval of Contract with Cole Construction, Inc. for Upper West Fork Maintenance Road / Trail Replacement - Darrell Beason, Chief Operations Officer**
14. **Consider Approval of Consulting Agreement for Government Affairs - Linda Christie, Government Affairs Director**
15. **Staff Updates**
  - **Water Resources Update - Rachel Ickert, Chief Water Resources Officer**
  - **Fly Fest Update - Darrell Beason, Chief Operations Officer and Stacey Pierce, Executive Director of Streams & Valleys, Inc.**
  - **Ubbi Dubbi Update - Darrell Beason, Chief Operations Officer**
16. **Executive Session under Texas Government Code:**

**Section 551.071 of the Texas Government Code, for Private Consultation with its Attorney about Pending or Contemplated Litigation or on a Matter in**

**which the Duty of the Attorney to the Governmental Body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas Clearly Conflicts with this Chapter; and**

**Section 551.072 of the Texas Government Code to Deliberate the Purchase, Exchange, Lease or Value of Real Property**

- 17. Consider Approval of Settlement of Claims in the Integrated Pipeline Project - DTY Ranch LP (733) Lawsuit - Steve Christian, Real Property Director**
- 18. Future Agenda Items**
- 19. Schedule Next Board Meeting**
- 20. Adjourn**

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF  
TARRANT REGIONAL WATER DISTRICT  
HELD ON THE 18<sup>th</sup> DAY OF APRIL 2023 AT 9:00 A.M.

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The call of the roll disclosed the presence of the Directors as follows:

Present  
James Hill  
Mary Kelleher  
Marty Leonard  
C.B Team

Absent  
Leah King

Also present were Dan Buhman, Alan Thomas, Darrel Andrews, Darrell Beason, Frank Beaty, Linda Christie, Woody Frossard, Ellie Garcia, Jason Gehrig, Zach Hatton, Natasha Hill, Zach Huff, Rachel Ickert, Courtney Kelly, Sandy Newby, Stephen Tatum, and Ed Weaver of the Tarrant Regional Water District (District or TRWD).

1.

All present were given the opportunity to join in reciting the Pledges of Allegiance to the U.S. and Texas flags.

2.

Public comment was received from Larry Brautigam, who spoke regarding park maintenance.

3.

Director Leonard moved to approve the minutes from the meeting held on March 21, 2023. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against. It was accordingly ordered that these minutes be placed in the permanent files of the District.

4.

The Board heard a presentation regarding Mayfest from Iris Bruton, Executive Director of Trinity Collaborative, Inc.

5.

With the recommendation of management, Director Leonard moved to approve a letter of support for Trinity Metro in support of a streetcar study to connect downtown Fort Worth with Panther Island and the Fort Worth Stockyards. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against.

6.

With the recommendation of management, Director Team moved to approve the first amendment to Tax Increment Financing (TIF) District 9 Project Cost Funding Agreement. Additional advances requested by the TIF Board pursuant to the amended TIF Project Plan adopted in August of 2022 and approved by the Fort Worth City Council in September of 2022 require amendments to the funding agreement. Director Leonard seconded the motion, and the votes were 4 in favor, 0 against.

7.

With the recommendation of management, Director Leonard moved to approve a contract in an amount not-to-exceed \$1,109,462 with Carollo Engineers for an update to the Integrated Water Supply Plan, a long-range 50-year water supply master plan. Funding for this item is included in the Fiscal Year 2023 Revenue Fund Budget. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against.

8.

With the recommendation of management, Director Team moved to approve task order in an amount not-to-exceed \$138,000 with Freese and Nichols, Inc. to perform

engineering, structural, and operational evaluation of the Eagle Mountain Dam Original Spillway. Funding for this item is included in the Fiscal Year 2023 General Fund Budget. Director Leonard seconded the motion, and the votes were 4 in favor, 0 against.

9.

With the recommendation of management, Director Kelleher moved to approve of a contract at a unit cost of \$406 per ton and a total cost not-to-exceed \$400,000 with Univar Solutions USA Inc. to furnish and deliver salt to the Joint Cedar Creek Lake Pump Station. Funding for this item is included in the Fiscal Year 2023 Revenue Fund Budget. Director Leonard seconded the motion, and the votes were 4 in favor, 0 against.

10.

With the recommendation of management, Director Team moved to approve Change Order 6 in an amount not-to-exceed \$75,787.47 with IPL Partners for owner requested coating of precast concrete vaults of the Integrated Pipeline Project PL19TX Tunnels project. The current contract amount is \$21,156,675.57 and the revised not-to-exceed contract amount, including this change order, will be \$21,232,463.04. In addition, the General Manager or his designee is granted authority to execute all documents associated with the contract. Funding for this item is included in the Dallas Bond Fund. Director Leonard seconded the motion, and the votes were 4 in favor, 0 against.

11.

With the recommendation of management, Director Leonard moved to approve an annual contract for an hourly rate of \$22 with Presbyterian Night Shelter/UpSpire Program for Contract Labor Services for Fort Worth and Eagle Mountain Operations in a not-to-exceed amount of \$261,000. This contract will commence upon issuance of the Notice to Proceed and terminate on September 30, 2023, with an option to renew for four (4)

additional one-year periods with acceptable performance. Funding for this item is included in the Fiscal Year 2023 Recreation, Revenue and General Fund Budgets. Vice President Hill seconded the motion, and the votes were 4 in favor, 0 against.

12.

With the recommendation of management, Director Team moved to approve contract in the amount of \$83,953.80 with CES Power for providing power for Fort Worth's Fourth. Funding for this item is included in the Fiscal Year 2023 Recreation Fund Budget. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against.

13.

With the recommendation of management, Director Team moved to approve four contract renewal options of the bid as solicited in an amount not-to-exceed \$75,500 with Magic in the Sky for pyrotechnic productions for Fort Worth's Fourth. This will be the first of four renewal options. Funding for this item is included in the Fiscal Year 2023 Recreation Fund Budget. Director Leonard seconded the motion, and the votes were 4 in favor, 0 against.

14.

With the recommendation of management, Vice President Hill moved to approve acceptance of a philanthropic contribution in the amount of \$146,739 from Streams & Valleys, Inc. on behalf of Dr. John Crawford and the family and friends of Marji Crawford. This donation will underwrite the design and partial construction of a trailhead at Oak Forest Drive and Dennis Avenue. The construction cost of the trailhead is estimated to be \$300,000 and the District will cover the remaining costs. Funding for this item is included in the Fiscal Year 2023 Recreation Fund Budget. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against.

15.

Staff Updates

- Recognition of Service presented by Dan Buhman, General Manager and Darrell Beason, Chief Operations Officer
- Water Resources Update presented by Rachel Ickert, Chief Water Resources Officer

The Board of Directors recessed for a break from 10:35 a.m. to 10:44 a.m.

16.

The Board next held an Executive Session commencing at 10:44 a.m. under Section 551.071 of the Texas Government Code to Consult with Legal Counsel on a Matter in Which the Duty of Counsel Under the Texas Disciplinary Rules of Professional Conduct Clearly Conflicts with Chapter 551, Texas Government Code; and Section 551.072 of the Texas Government Code to Deliberate the Purchase, Exchange, Lease or Value of Real Property.

Upon completion of the executive session at 11:00 a.m., the President reopened the meeting.

Vice President Hill recognized Director Leonard's request to speak further about a previous agenda item. Director Leonard recognized the service of Jim Lane to the TRWD Board of Directors. Director Leonard then thanked voters for giving her the privilege of serving on the TRWD Board of Directors.

17.

With the recommendation of management, Director Kelleher moved to approve purchase of the real property described below, which is necessary for the public use and



purpose of construction and operation of the Cedar Creek Wetland Project.

**Fee simple title to the surface estate only, including any improvements located thereon, of approximately 705 acres of land in the T. Berry Survey, Abstract 71, J.M. Sharp Survey, Abstract 708, D.O. Williams Survey, Abstract 842, O.C. Cooper Survey, Abstract 294, J.F. Thomas Survey, Abstract 1066, G.C. & SF Railroad Survey, Abstract 971, G.C. & SF Railroad Survey, Abstract 1118, and S.H. Hampton Survey, Abstract 336, Henderson County, Texas, and being further described in the accompanying resolution and in the survey plat and metes and bounds description attached hereto for the appraised value of \$5,076,000.**



**SURVEYED MULTIPLE TRACTS**

**T. BERRY SURVEY, A-71**  
**J.M. SHARP SURVEY, A-708**  
**D.O. WILLIAMS SURVEY, A-842**  
**O.C. COOPER SURVEY, A-294**  
**J.F. THOMAS SURVEY, A-1066**  
**G.C. & S.F. RAILROAD SURVEY, A-971**  
**G.C. & S.F. RAILROAD SURVEY, A-1118**  
**HENDERSON COUNTY, TEXAS**  
**J21-1394**

**September 24, 2021**

**Tract 1**

**FIELD NOTE** description of a 699.508 acre tract of land lying within the T. BERRY SURVEY, A-71, J.M. SHARP SURVEY, A-708, D.O. WILLIAMS SURVEY, A-842, O.C. COOPER SURVEY, A-294, J.F. THOMAS SURVEY, A-1066, G.C. & S.F. RAILROAD SURVEY, A-971, G.C. & S.F. RAILROAD SURVEY, A-1118, Henderson County, Texas, and all the residue of a called 8914.97 acre tract conveyed to Trinity Materials, INC as described and recorded in Document No. 2005-0019610 of the Deed Records of Henderson County, Texas. Said 699.508 acre tract being more fully described as follows:

*Bearings are based on the State Plane Coordinate System, Texas North Central Zone 4202, N.A.D. 1983.*

**BEGINNING** at a 5/8" Iron Rod found for the Northerly Northeast corner of herein described tract, same being the Northwest corner of a called 131.5 acre tract conveyed to Henry Sherman Heather and Fairy Elizabeth Heather Warren as described and recorded in Volume 1567, Page 803, being on the North line of Henderson County, same being the South line of Kaufman County, being near the centerline of County Road No. 4072;

**THENCE** South 00 deg. 59 min. 52 sec. East with the West line of said 131.5 acre tract a distance of 488.07 feet to a 3/4" Iron Rod found for an Ell corner of herein described tract, same being the Westerly Southwest corner of said 131.5 acre tract;

**THENCE** South 88 deg. 00 min. 48 sec. East with the South line of said 131.5 acre tract a distance of 1,165.82 feet to a Fence corner found for Easterly Northeast corner of herein described tract, same being an Ell corner of said 131.5 acre tract;

**THENCE** South 02 deg. 25 min. 24 sec. West a distance of 1,477.42 feet to a 3/4" Iron Rod found for a corner of herein described tract, being on the North line of a called 108.5 acre tract conveyed to Margie Fern Godwin as described and recorded in Volume 63, Page 427;

**THENCE** South 89 deg. 26 min. 44 sec. West with the North line of said 108.5 acre tract a distance of 1,500.26 feet to a 3/4" Iron Rod found for an Ell corner of herein described tract, same being the Northwest corner of said 108.5 acre tract;

**THENCE** South 00 deg. 50 min. 28 sec. West with the West line of said 108.5 acre tract a distance of 1,622.90 feet to a 6" Fence Post found for a corner of herein described tract, same being the Northeast corner of a called 18.25 acre tract conveyed to Grady Haley, et al as described and recorded in Document No. 2019-00000962;

**EXHIBIT A**

**SURVEYED MULTIPLE TRACTS  
T. BERRY SURVEY, A-71  
J.M. SHARP SURVEY, A-708  
D.O. WILLIAMS SURVEY, A-842  
O.C. COOPER SURVEY, A-294  
J.F. THOMAS SURVEY, A-1066  
G.C. & S.F. RAILROAD SURVEY, A-971  
G.C. & S.F. RAILROAD SURVEY, A-1118  
HENDERSON COUNTY, TEXAS  
J21-1394**

**THENCE** North 88 deg. 53 min. 24 sec. West with the North line of said 18.25 acre tract a distance of 1,896.45 feet to a Fence corner found for an Ell corner of herein described tract, same being the Northwest corner of said 18.25 acre tract;

**THENCE** South 00 deg. 54 min. 47 sec. East with the West line of said 18.25 acre tract a distance of 528.45 feet to a 3/4" Iron Rod found for an Ell corner of herein described tract, same being the Southwest corner of said 18.25 acre tract;

**THENCE** North 88 deg. 23 min. 54 sec. East with the South line of said 18.25 acre tract a distance of 1,889.28 feet to a 8" Fence Post found for a corner of herein described tract, same being the Southeast corner of said 18.25 acre tract, being on the West line of said 108.5 acre tract;

**THENCE** South 00 deg. 01 min. 10 sec. West with the West line of said 108.5 acre tract a distance of 274.48 feet to a 10" Fence Post found for a corner of herein described tract, same being the Southwest corner of said 108.5 acre tract, being on the North line of a called 120 acre tract conveyed to Grady Haley and Diana Haley as described and recorded in Document No. 2013-00001631;

**THENCE** South 89 deg. 08 min. 11 sec. West with the North line of said 120 acre tract a distance of 1,874.36 feet to a Fence corner found for an Ell corner of herein described tract, same being the Northwest corner of said 120 acre tract;

**THENCE** South 01 deg. 10 min. 17 sec. East with the West line of said 120 acre tract a distance of 1,337.36 feet to a 6" Fence Post found for a corner of herein described tract;

**THENCE** South 00 deg. 49 min. 38 sec. East with the West line of said 120 acre tract a distance of 1,167.32 feet to a 3" Fence Post found for a corner of herein describe tract, same being the Northwest corner of a called 115.6 acre tract conveyed to Timothy M Zook and Jewel D Zook as described and recorded in Document No. 2006-0019213;

**THENCE** South 02 deg. 01 min. 25 sec. East with the West line of said 115.6 acre tract a distance of 1,292.14 feet to a 8" Fence Post found for a corner of herein described tract, same being the Southwest corner of said 115.6 acre tract, same being the Northwest corner of a called 167.94 acre tract conveyed to Triple CK Ranch, LLC as described and recorded in Document No 2011-00005905;

**THENCE** South 02 deg. 17 min. 56 sec. East with the West line of said 167.94 acre tract a distance of 1,068.98 feet to a 1/2" Iron Rod set for a corner of herein described tract;

**THENCE** South 02 deg. 10 min. 01 sec. East with the West line of said 167.94 acre tract a distance of 1,003.03 feet to a Point for corner near the centerline of a branch, same being the Southwest corner of said 167.94 acre tract, same being a corner of a called 4118.715 acre tract conveyed to Tarrant Regional Water District as described and recorded in Document No. 2014-00001288;

**THENCE** with the centerline of a branch as follows:

North 23 deg. 46 min. 51 sec. West a distance of 21.50 feet to a Point for corner;  
North 23 deg. 42 min. 34 sec. West a distance of 130.59 feet to a Point for corner;  
North 51 deg. 38 min. 55 sec. West a distance of 47.85 feet to a Point for corner;  
North 80 deg. 52 min. 28 sec. West a distance of 110.06 feet to a Point for corner;  
North 77 deg. 05 min. 50 sec. West a distance of 331.07 feet to a Point for corner;  
North 81 deg. 08 min. 40 sec. West a distance of 113.24 feet to a Point for corner;  
North 57 deg. 21 min. 03 sec. West a distance of 95.94 feet to a Point for corner;  
North 31 deg. 09 min. 30 sec. West a distance of 157.67 feet to a Point for corner;  
North 09 deg. 53 min. 26 sec. West a distance of 163.11 feet to a Point for corner;  
North 05 deg. 09 min. 05 sec. West a distance of 332.23 feet to a Point for corner;  
North 01 deg. 31 min. 49 sec. East a distance of 478.15 feet to a Point for corner;  
North 06 deg. 30 min. 12 sec. West a distance of 80.90 feet to a Point for corner;  
North 39 deg. 14 min. 08 sec. West a distance of 82.45 feet to a Point for corner;

**SURVEYED MULTIPLE TRACTS**  
**T. BERRY SURVEY, A-71**  
**J.M. SHARP SURVEY, A-708**  
**D.O. WILLIAMS SURVEY, A-842**  
**O.C. COOPER SURVEY, A-294**  
**J.F. THOMAS SURVEY, A-1066**  
**G.C. & S.F. RAILROAD SURVEY, A-971**  
**G.C. & S.F. RAILROAD SURVEY, A-1118**  
**HENDERSON COUNTY, TEXAS**  
**J21-1394**

North 48 deg. 08 min. 07 sec. West a distance of 57.39 feet to a Point for corner;  
North 26 deg. 47 min. 14 sec. West a distance of 115.74 feet to a Point for corner;  
North 12 deg. 09 min. 48 sec. West a distance of 104.54 feet to a Point for corner;  
North 07 deg. 45 min. 55 sec. East a distance of 135.96 feet to a Point for corner;  
North 18 deg. 28 min. 57 sec. East a distance of 85.50 feet to a Point for corner;  
North 07 deg. 41 min. 23 sec. West a distance of 83.60 feet to a Point for corner;  
North 17 deg. 53 min. 31 sec. West a distance of 326.90 feet to a Point for corner;  
North 35 deg. 58 min. 40 sec. West a distance of 67.77 feet to a Point for corner;  
North 57 deg. 22 min. 57 sec. West a distance of 93.49 feet to a Point for corner;  
North 68 deg. 29 min. 56 sec. West a distance of 260.28 feet to a Point for corner;  
North 65 deg. 58 min. 08 sec. West a distance of 582.72 feet to a Point for corner;  
North 50 deg. 01 min. 30 sec. West a distance of 425.24 feet to a Point for corner;  
North 61 deg. 49 min. 05 sec. West a distance of 416.01 feet to a Point for corner;  
North 46 deg. 57 min. 32 sec. West a distance of 301.87 feet to a Point for corner;  
North 22 deg. 35 min. 32 sec. West a distance of 72.82 feet to a Point for corner;  
North 25 deg. 48 min. 41 sec. West a distance of 78.22 feet to a Point for corner;  
North 61 deg. 50 min. 40 sec. West a distance of 114.23 feet to a Point for corner;  
South 88 deg. 59 min. 25 sec. West a distance of 130.73 feet to a Point for corner;  
North 74 deg. 54 min. 44 sec. West a distance of 104.27 feet to a Point for corner;  
North 59 deg. 30 min. 35 sec. West a distance of 169.84 feet to a Point for corner;  
North 70 deg. 15 min. 19 sec. West a distance of 92.11 feet to a Point for corner;  
South 82 deg. 05 min. 14 sec. West a distance of 117.02 feet to a Point for corner;  
South 48 deg. 31 min. 00 sec. West a distance of 99.45 feet to a Point for corner;  
South 26 deg. 07 min. 30 sec. West a distance of 113.57 feet to a Point for corner;  
South 47 deg. 35 min. 24 sec. West a distance of 53.98 feet to a Point for corner;  
South 61 deg. 57 min. 11 sec. West a distance of 68.94 feet to a Point for corner;  
South 80 deg. 15 min. 30 sec. West a distance of 66.50 feet to a Point for corner;  
North 89 deg. 41 min. 57 sec. West a distance of 143.58 feet to a Point for corner;  
North 81 deg. 26 min. 37 sec. West a distance of 100.79 feet to a Point for corner;  
North 72 deg. 27 min. 50 sec. West a distance of 187.57 feet to a Point for corner;  
North 89 deg. 03 min. 17 sec. West a distance of 194.49 feet to a Point for corner;  
North 62 deg. 05 min. 03 sec. West a distance of 97.42 feet to a Point for corner;  
North 42 deg. 58 min. 28 sec. West a distance of 500.80 feet to a Point for corner;  
North 57 deg. 43 min. 40 sec. West a distance of 202.00 feet to a Point for corner;  
North 51 deg. 14 min. 36 sec. West a distance of 17.95 feet to a Point for corner;  
North 51 deg. 14 min. 38 sec. West a distance of 55.90 feet to a Point for the West corner of herein described tract, being on the South line of a called 72 acre tract conveyed to Joe Welton Heather as described and recorded in Volume 1567, Page 805, from which a 1/2" Iron Rod set for reference bears North 88 deg. 30 min. 06 sec. East - 100.00 feet;

**THENCE** North 88 deg. 30 min. 06 sec. East with the South line of said 72 acre tract a distance of 1,540.09 feet to a 10" Post found for an Ell corner of herein described tract, same being the Southeast corner of said 72 acre tract;

**THENCE** North 00 deg. 51 min. 21 sec. West with the East line of said 72 acre tract a distance of 3,846.28 feet to a 1" Iron rod found for the Westerly Northwest corner of herein described tract, same being the Northwest corner of said 72 acre tract, same being the Southeast corner of a called 314.78 acre tract conveyed to Robert Heather as described and recorded in Document No. 2018.00014025, same being the Southwest corner of a called 67.982 acre tract conveyed to Robert Heather as described and recorded in Document No. 2013-00007271;

**THENCE** North 89 deg. 26 min. 16 sec. East with the South line of said 67.982 acre tract a distance of 3,315.43 feet to a 1/2" Iron Rod found for a corner of herein described tract, same being the Southeast corner of a called 33.5126 acre tract conveyed to Robert Wayne Pruitt as described and recorded in Document No. 2011-00001453, same being the Southwest corner of a called 9.2804 acre tract conveyed

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**J.M. SHARP SURVEY, A-708**  
**D.O. WILLIAMS SURVEY, A-842**  
**O.C. COOPER SURVEY, A-294**  
**J.F. THOMAS SURVEY, A-1066**  
**G.C. & S.F. RAILROAD SURVEY, A-971**  
**G.C. & S.F. RAILROAD SURVEY, A-1118**  
**HENDERSON COUNTY, TEXAS**  
**J21-1394**

to Dustin David Marquess and Cynthia Ann Marquess as described and recorded in document No. 2014-00000790;

**THENCE** North 89 deg. 03 min. 37 sec. East with the South line of said 9.2804 acre tract a distance of 190.04 feet to a 1" Iron Pipe found for a corner of herein described tract, same being the Southeast corner of said 9.2804 acre tract, same being the Southwest corner of a called 4.57 acre tract surveyed by James M Mobly R.P.L.S No. 4128 on January 22, 2018;

**THENCE** South 87 deg. 29 min. 44 sec. East with the South line of said 4.57 acre tract a distance of 194.93 feet to a 5/8" Iron Rod found for an Ell corner of herein described tract, same being the Southeast corner of said 4.57 acre tract;

**THENCE** North 01 deg. 13 min. 03 sec. West with the East line of said 4.57 acre tract a distance of 1,034.25 feet to a 1/2" Iron Rod found for a corner of herein described tract, same being the Northeast corner of said 4.57 acre tract, same being the Southwest corner of a called 4.60 acre tract surveyed by James M Mobly R.P.L.S No. 4128 on January 22, 2018;

**THENCE** North 00 deg. 45 min. 35 sec. West with the East line of said 4.60 acre tract a distance of 1,005.29 feet to a Point for the Northerly Northwest corner of herein described tract, same being the Northeast corner of said 4.60 acre tract, being near the centerline of County Road No. 4027, from which a 3/4" Iron Pipe found for reference bears South 00 deg. 45 min 35 sec East – 16.55 feet;

**THENCE** North 88 deg. 04 min. 22 sec. East with the centerline of said County Road a distance of 1,080.44 feet to a Point for corner, being near the centerline of said County Road;

**THENCE** North 89 deg. 47 min. 39 sec. East with the centerline of said County Road a distance of 1,095.12 feet to the **POINT OF BEGINNING AND CONTAINING 699.508 ACRES OF LAND**, of which approximately 1.413 acres lies within the boundaries of County Road No. 4072.

**Tract 2**

**FIELD NOTE** description of a 5.497 acre tract of land lying within the S.H. HAMPTON SURVEY, A-336, Henderson County, Texas, and being all of the residue of a called 101.40 acre tract conveyed to Trinity Materials, INC as described and recorded in Document No. 2005-0019610 of the Deed Records of Henderson County, Texas. Said 5.497 acre tract being more fully described as follows:

**BEGINNING** at a 1/2" Iron Rod found for the Northeast corner of herein described tract, same being the Northeast corner of said 101.40 acre tract, same being in the West line of a called 157.80 acre tract of land conveyed to Triple CK Ranch, LLC as described and recorded in Document No. 2014-00004856, same being a South corner of a called 167.94 acre tract of land conveyed to Triple CK Ranch as described and recorded in Document No. 2011-00005905;

**THENCE** South 00 deg. 36 min. 16 sec. West along the West line of said 157.80 acre tract a distance of 63.12 feet to a 60D Nail found for the Southeast corner of herein described tract, same being a corner of a called 4118.715 acre tract of land conveyed to Tarrant Regional Water District as described and recorded in Document No. 2014-00001288;

**THENCE** South 88 deg. 40 min. 42 sec. West along a North line of said 4118.75 acre tract a distance of 924.52 feet to a 1/2" Iron Rod found for the Southwest corner of herein described tract, same being an interior corner of said 4118.715 acre tract;

**THENCE** North 02 deg. 41 min. 59 sec. West along an Eastern line of said 4118.715 acre tract a distance of 453.27 feet to a 1/2" Iron Rod set for the Northwest corner of herein described tract, same being the Southwest corner of said 167.94 acre tract;

**SURVEYED MULTIPLE TRACTS**  
**T. BERRY SURVEY, A-71**  
**J.M. SHARP SURVEY, A-708**  
**D.O. WILLIAMS SURVEY, A-842**  
**O.C. COOPER SURVEY, A-294**  
**J.F. THOMAS SURVEY, A-1066**  
**G.C. & S.F. RAILROAD SURVEY, A-971**  
**G.C. & S.F. RAILROAD SURVEY, A-1118**  
**HENDERSON COUNTY, TEXAS**  
**J21-1394**

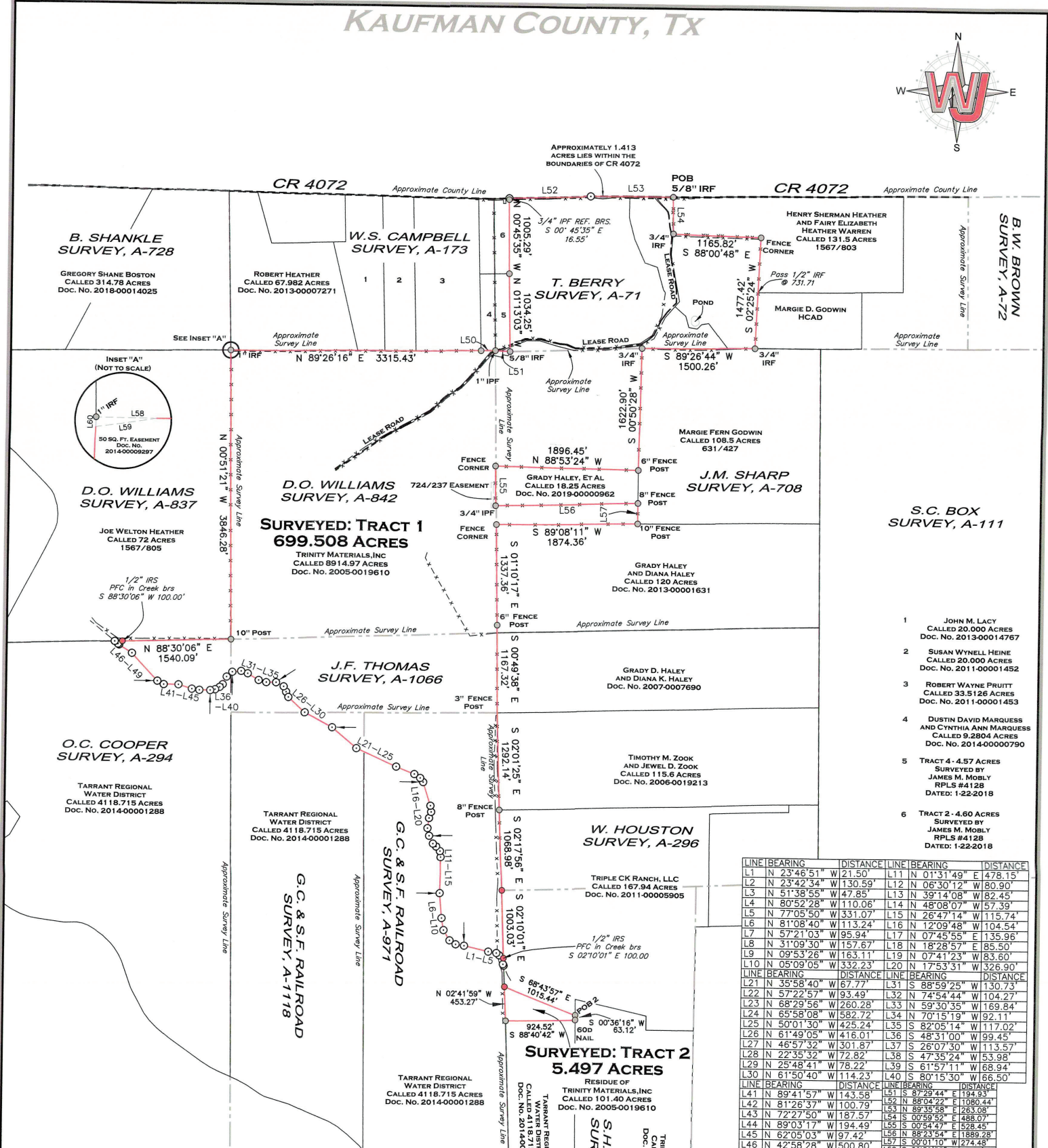
**THENCE** South 68 deg. 43 min. 57 sec. East along a Southern line of said 167.94 acre tract a distance of 1015.44 feet to the **POINT OF BEGINNING AND CONTAINING 5.497 ACRES OF LAND.**

*I, Casey Jordan, do hereby state that these Field Notes represent an on the ground survey made under my supervision in September, 2021, and is being submitted along with a Plat of said tract herein described.*

  
\_\_\_\_\_  
Casey Jordan  
Registered Professional Land Surveyor  
State of Texas No. 6789



# KAUFMAN COUNTY, TX



- 1 JOHN M. LACY  
CALLED 20.000 ACRES  
DOC. NO. 2013-00014767
- 2 SUSAN WYNELL HEINE  
CALLED 20.000 ACRES  
DOC. NO. 2011-00001452
- 3 ROBERT WAYNE PRUITT  
CALLED 33.5126 ACRES  
DOC. NO. 2011-00001453
- 4 DUSTIN DAVID MARGUERS  
AND CYNTHIA ANN MARGUERS  
CALLED 9.2804 ACRES  
DOC. NO. 2014-0000790
- 5 TRACT 4 - 4.57 ACRES  
SURVEYED BY  
JAMES M. NOBLEY  
RPLS #4128  
DATED: 1-22-2018
- 6 TRACT 2 - 4.60 ACRES  
SURVEYED BY  
JAMES M. NOBLEY  
RPLS #4128  
DATED: 1-22-2018

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	N 23°46'51" W	21.50'	L11	N 01°31'49" E	478.15'
L2	N 23°42'34" W	130.59'	L12	N 06°30'12" W	80.90'
L3	N 51°38'55" W	47.85'	L13	N 39°14'08" W	82.45'
L4	N 80°52'28" W	110.06'	L14	N 48°08'07" W	57.39'
L5	N 77°05'50" W	331.07'	L15	N 26°47'14" W	115.74'
L6	N 81°08'40" W	113.24'	L16	N 12°09'48" W	104.54'
L7	N 57°21'03" W	95.94'	L17	N 07°45'55" E	135.96'
L8	N 31°09'30" W	157.67'	L18	N 18°28'57" E	85.50'
L9	N 09°53'26" W	163.11'	L19	N 07°41'23" W	83.60'
L10	N 05°09'05" W	332.23'	L20	N 17°53'31" W	326.90'
L11	N 35°58'40" W	87.77'	L31	N 88°59'25" W	130.73'
L12	N 57°22'57" W	93.49'	L32	N 74°54'44" W	104.27'
L13	N 68°29'56" W	260.28'	L33	N 59°30'35" W	169.84'
L14	N 65°58'08" W	582.72'	L34	N 70°15'19" W	92.11'
L15	N 50°01'30" W	425.24'	L35	N 82°05'14" W	117.02'
L16	N 61°49'05" W	416.01'	L36	N 48°31'00" W	99.45'
L17	N 46°57'32" W	301.87'	L37	N 26°07'30" W	113.57'
L18	N 22°35'32" W	72.82'	L38	N 47°35'24" W	53.98'
L19	N 25°48'41" W	78.22'	L39	N 61°57'11" W	68.94'
L20	N 61°50'40" W	114.23'	L40	N 80°15'30" W	66.50'
L41	N 89°41'57" W	143.58'	L51	N 87°29'44" E	194.93'
L42	N 81°26'37" W	100.79'	L52	N 88°04'32" E	1080.44'
L43	N 72°27'50" W	187.57'	L53	N 89°35'58" E	263.08'
L44	N 80°03'17" W	194.49'	L54	N 00°59'52" E	488.07'
L45	N 82°05'03" W	97.42'	L55	N 00°54'47" E	528.45'
L46	N 42°58'28" W	500.80'	L56	N 89°33°4" E	1889.28'
L47	N 57°43'40" W	202.00'	L57	N 00°01'10" W	274.48'
L48	N 51°14'36" W	17.95'	L58	N 89°39'53" E	25.00'
L49	N 51°14'38" W	55.90'	L59	N 81°15'36" W	25.36'
L50	N 89°03'37" E	190.04'	L60	N 00°55'08" E	14.00'

# HENDERSON COUNTY, TX

FIDELITY NATIONAL TITLE INSURANCE COMPANY  
 GP No. FTDAL-343-9000342100546L  
 SCHEDULE B ITEMS:  
 ALL VISIBLE AND APPARENT EASEMENTS ARE SHOWN.  
 A PORTION OF THIS PROPERTY LIES WITHIN THE BOUNDARIES OF CR 4072. (SHOWN)  
 NO ENCROACHMENTS WERE FOUND TO ADVERSELY AFFECT THIS PROPERTY.  
 DO AFFECT: 724/237, 20140000297  
 DO NOT AFFECT: 149/363, 280/130, 282/347, 1369/152, 1924/191, 669/734, 896/30, 896/446



### SURVEYOR'S STATEMENT:

I, CASEY JORDAN, DO CERTIFY TO FIDELITY NATIONAL TITLE INSURANCE COMPANY, HEREBY STATE THAT THIS PLAN REPRESENTS AN ON THE GROUND SURVEY MADE UNDER MY DIRECTION AND SUPERVISION ON THE GROUND DURING THE MONTH OF SEPTEMBER, 24TH, 2021.

CASEY JORDAN, R.P.L.S. NO. 6789

- ☉ = COTTON SPINDLE FOUND/SET
- ⊙ = 1/2" IRON ROD FOUND/SET
- ⊕ = WATER METER
- ⊖ = IRRIGATION VALVE
- ⊗ = POWER POLE
- ⊘ = WATER VALVE
- ⊙ = MANHOLE
- ⊗ = CABLE BOX/PEDESTAL
- ⊙ = GAS METER
- ⊗ = SEPTIC LID/EQUIPMENT
- ⊙ = ELECTRIC METER
- ⊗ = PROPANE TANK
- ⊙ = TILE PEDESTAL
- ⊗ = AIR CONDITIONER
- ⊙ = U.G. ELECTRIC
- ⊗ = POINT FOR CORNER

## SURVEYED MULTIPLE TRACTS HENDERSON COUNTY, TEXAS

WALKER, WARREN, & JORDAN  
 SURVEYING & MAPPING  
 10819 US HWY 69 N  
 TYLER, TX 75706  
 903-534-9000  
 TPELS FIRM NO. 10025300

PROJECT MANAGER/BLOCKER	PREPARED BY: C.D.B. ON SEPT. 24TH, 2021
ADDRESS: 20636 CR 4072	JOB NO. 21-1394
CITY/COUNTY: KEMP, HENDERSON, CO.	800 0 800
SURVEY/ABSTRACT NO.: AS SHOWN	SCALE: 1" = 800'
SUBDIVISION N/A	
LOT/BLOCK NO.: N/A	
CLIENT: JERRY MCCALIP	

In addition, the General Manager of TRWD or his designee is authorized to take all steps which may be reasonably necessary to complete the acquisition, including, but not limited to, the authority to pay all customary, reasonable and necessary closing and related costs. Funding for this item is included in the Bond Fund. Director Team seconded the motion, and the votes were 4 in favor, 0 against.

18.

With the recommendation of management, Director Leonard moved to approve conveyance of a 120 square feet tract of land, more or less, owned by TRWD below the 325' mean sea level (m.s.l.) elevation at Cedar Creek Lake, Henderson County, Texas, and encroached upon by residential improvements, such land to be conveyed by TRWD being more specifically described on the accompanying resolution and in the metes and bounds description and survey plat attached hereto. Payment by the lot owner is in the amount of \$4,200, which is the value of the subject property, plus the administrative fee and all related costs.



# EXHIBIT "A"

## FIELD NOTES

0.003 ACRES (120 SQ. FT.)

R.R. JONES SURVEY

PART OF THE T.R.W.D. TRACT ADJACENT TO LOT 11  
BLOCK 3, DEEPWATER ESTATES

ABSTRACT NO. 404

### HENDERSON COUNTY, TEXAS

BEING ALL THAT CERTAIN LOT TRACT OR PARCEL OF LAND LOCATED IN THE R.R. JONES SURVEY, A-404, HENDERSON COUNTY, TEXAS, BEING DESCRIBED AS PART OF THE TRWD TRACT ADJACENT TO LOT 11, BLOCK 3 OF DEEPWATER ESTATES ACCORDING TO THE PLAT RECORDED IN VOLUME 3, PAGE 44, CABINET A, SLIDE 208 OF THE PLAT RECORDS, HENDERSON COUNTY, TEXAS.SAID LOT TRACT OR PARCEL OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING at a point in the Platted 325' elevation line of Cedar Creek Lake, the southwest corner of this tract which bears N 42°01'25" W, 37.01 feet from a 3/8" iron rod found at the northeast corner of Lot 11;

THENCE, N 42° 01' 25" W, 18.07 feet along the Platted 325' elevation line to a point at the northwest corner of this tract;

THENCE, through the TRWD tract as follows: N 77° 40' 23" E, 8.13 feet; S 12° 19' 37" E, 8.30 feet; N 77° 40' 23" E, 1.40 feet; S 12° 19' 37" E, 7.40 feet; S 77° 40' 23" W, 0.57 feet to the POINT OF BEGINNING and CONTAINING 0.003 ACRES (120 SQ. FT.) OF LAND MORE OR LESS.

**BASIS OF BEARINGS: RECORDED PLAT**

**REFERENCE BEARING: WEST LINE OF LOT 11 (N 12° 30' 00" W)**

### SURVEYOR'S CERTIFICATE

DATE: FEBRUARY 10, 2023

TO: SHRIVER

I, Gary L. Hardin, Registered Professional Land Surveyor No. 4207, do hereby certify that the field notes hereon represent the results of a survey made on the ground under my direction and supervision, the lines and dimensions of said property being as indicated. This survey is based on deeds, easements and/or recorded plats and other records when furnished by the client or the client's representative, as well as significant and visible monuments found on the subject property and adjacent properties, field measurements and evidence of boundaries found on the ground. However, this certification is not a representation of warranty of title or guarantee of ownership. This survey was performed EXCLUSIVELY for the above mentioned parties. USE OF THIS SURVEY FOR ANY OTHER PURPOSE OR BY OTHER PARTIES SHALL BE AT THEIR RISK AND THE UNDERSIGNED IS NOT RESPONSIBLE FOR ANY LOSS RESULTING THEREFROM.

GARY L. HARDIN, RPLS NO. 4207  
FIRM REGISTRATION NO. 10114700  
W.O.# 2302029 (SEE SURVEY)



# LAND TITLE SURVEY

HILLTOP CIRCLE, TRINIDAD, TEXAS 75163

BEING ALL THAT CERTAIN LOT TRACT OR PARCEL OF LAND LOCATED IN THE R.R. JONES SURVEY, A-404, HENDERSON COUNTY, TEXAS, BEING DESCRIBED AS PART OF THE TRWD TRACT ADJACENT TO LOT 11, BLOCK 3 OF DEEPWATER ESTATES ACCORDING TO THE PLAT RECORDED IN VOLUME 3, PAGE 44, CABINET A, SLIDE 208 OF THE PLAT RECORDS, HENDERSON COUNTY, TEXAS.

### LEGEND

—X— FENCE  
 --- OVERHEAD POWER

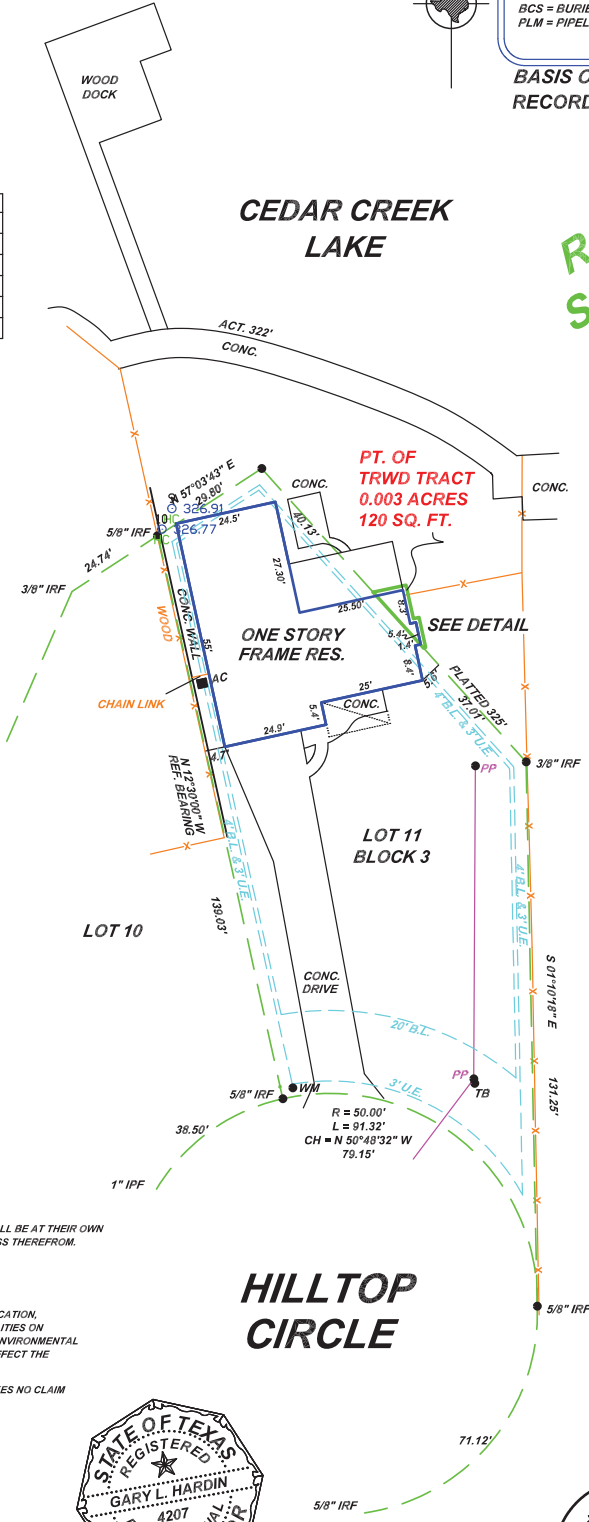
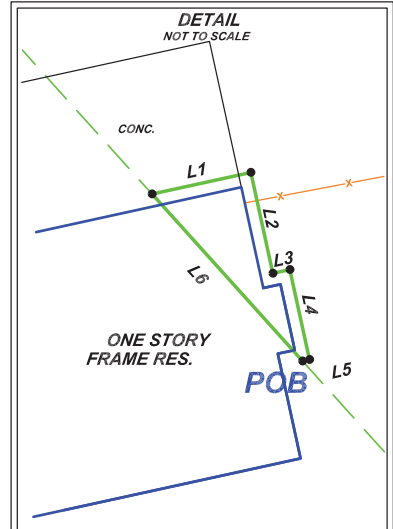
CONC. = CONCRETE  
 IPF = POWER POLE  
 WM = WATER METER  
 WV = WATER VALVE  
 IRF = IRON ROD FOUND  
 IRS = IRON ROD SET  
 W/CAP # 4207  
 IPF = IRON PIPE FOUND  
 FC = FENCE CORNER FOUND  
 BCS = BURIED CABLE SIGN  
 PLM = PIPELINE MARKER

TB = TELEPHONE BOX  
 LP = LIGHT POLE  
 CM = GAS METER  
 EB = ELECTRICAL BOX  
 PT = PROPANE TANK  
 SP = SERVICE POLE  
 FH = FIRE HYDRANT  
 BL = BUILD LINE  
 UE = UTILITY EASEMENT  
 DE = DRAINAGE EASEMENT

BASIS OF BEARINGS:  
 RECORDED PLAT

**R.R. JONES SURVEY, A-404**

LINE	BEARING	DISTANCE
L1	N 77°40'23" E	8.13'
L2	S 12°19'37" E	8.30'
L3	N 77°40'23" E	1.40'
L4	S 12°19'37" E	7.40'
L5	S 77°40'23" W	0.57'
L6	N 42°01'25" W	18.07'



### SURVEYORS NOTES

USE OF THIS SURVEY FOR ANY OTHER PURPOSE OR BY OTHER PARTIES SHALL BE AT THEIR OWN RISK AND THE UNDERSIGNED SURVEYOR IS NOT RESPONSIBLE FOR ANY LOSS THEREFROM.  
 THERE IS NO VISIBLE EVIDENCE OF AN OIL OR GAS PIPELINE ON THIS TRACT.  
 NO FLOOD PLAIN DESIGNATION WAS DETERMINED BY THIS SURVEYOR.  
 NO ATTEMPT HAS BEEN MADE TO DETERMINE OR SHOW THE EXISTENCE, LOCATION, SIZE, DEPTH, CAPACITY OR CONDITION OF ANY PROPOSED OR EXISTING UTILITIES ON THIS PROPERTY WHETHER PRIVATE, MUNICIPAL OR PUBLICLY OWNED. NO ENVIRONMENTAL OR SUBSURFACE CONDITIONS WERE SURVEYED OR EXAMINED THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.  
 THE ADDRESS SHOWN WAS PROVIDED BY OTHERS, HARDIN SURVEYING MAKES NO CLAIM TO ITS ACCURACY.  
 THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT. THERE MAY BE MATTERS AFFECTING THIS TRACT THAT A TITLE COMMITMENT WOULD REVEAL. THE UNDERSIGNED HAS NOT PERFORMED A TITLE AND/OR EASEMENT SEARCH AND ASSUMES NO LIABILITY FOR SUCH MATTERS.  
 RESTRICTIONS: VOL. 623, PG. 405



**HARDIN SURVEYING**  
 201 E. MASON STREET  
 MABANK, TEXAS 75147  
 (903) 887-5674 FIRM# 10114700  
 DATE PERFORMED: FEBRUARY 10, 2023 WORK ORDER # 2302029  
 SCALE: 1" = 30 FEET FIELD BY: JT DRAWN BY: TF  
 SURVEY PERFORMED FOR: SHRIVER

I GARY L. HARDIN R.P.L.S. # 4207, DO HEREBY CERTIFY THAT THE SURVEY SHOWN REPRESENTS THE RESULTS OF AN ON THE GROUND SURVEY MADE UNDER MY DIRECTION AND SUPERVISION DURING THE MONTH OF FEB 2023 AND ALL CORNERS ARE SHOWN HEREON AND THERE ARE NO VISIBLE EASEMENTS, ENCROACHMENTS, CONFLICTS OR PROTRUSIONS OTHER THAN SHOWN.

*[Signature]*  
**GARY L. HARDIN R.P.L.S. # 4207**  
 SIGNATURE VOID IF NOT SIGNED IN BLUE INK SEE FIELD NOTES  
 © 2023 ALL RIGHTS RESERVED

In addition, the General Manager of TRWD or his designee is authorized to take all steps which may be reasonably necessary to complete this transaction. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against.

19.

With the recommendation of management, Director Team moved to approve assignment of an agreement executed by the District and Panther Acquisition Partners, Ltd. on April 2, 2019, to Panther Island Partners, LP, wherein Panther Island Partners, LP will assume all of Panther Acquisition Partners, Ltd. rights, duties, and obligations in, to, and under the Agreement. Director Kelleher seconded the motion, and the votes were 4 in favor, 0 against.

20.

There were no future agenda items approved.

21.

The next board meeting was scheduled for May 16, 2023, at 9:00 a.m.

22.

There being no further business before the Board of Directors, the meeting was adjourned.

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President

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Secretary

## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 4

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Resolution to Canvass and Declare the Results of the May 6, 2023 Board of Directors Election

**FUNDING:** Fiscal Year 2023 General Fund Budget - \$350,000

#### **RECOMMENDATION:**

Management recommends the Board approve the resolution to canvass and declare the results of the May 6, 2023 Board of Directors election.

#### **DISCUSSION:**

On January 17, 2023 the District's Board of Directors voted to adopt an order calling for an election to fill two District Board seats whose terms expire in May 2023. The election was administered and conducted by Tarrant County pursuant to its contract with the District. The election was held on May 6, 2023, with early voting taking place between April 24 and May 2, 2023.

In accordance with Chapter 67 of the Texas Election Code, the governing body of the District shall conduct the official canvassing of the election results no later than 11 days after the election. The last day to conduct the official canvass of the May 6, 2023 General Election is Wednesday, May 17, 2023. The Resolution will serve as an official record of the Board's fulfillment of its statutory duty to canvass the election.

This item was reviewed by the Administration and Policy Committee on May 11, 2023.

#### **Submitted By:**

Stephen Tatum  
General Counsel

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF  
TARRANT REGIONAL WATER DISTRICT**

**CANVASSING THE RETURNS; DECLARING THE RESULTS OF THE GENERAL ELECTION HELD ON MAY 6, 2023, FOR THE PURPOSE OF ELECTING TWO SEATS FOR BOARD OF DIRECTORS**

**WHEREAS**, on January 17, 2023, the District’s Board of Directors voted to adopt an order calling for an election to be held on May 6, 2023 for the qualified voters within the District’s voting boundary to vote to fill two positions on the District’s Board of Directors;

**WHEREAS**, on March 21, 2023, the Board of Directors voted to enter into a contract with Tarrant County Elections to administer the election;

**WHEREAS**, on May 6, 2023, the general election was held at which the qualified voters within the District’s voting boundaries had the opportunity to vote for the purpose of electing two members of the Board; and

**WHEREAS**, pursuant to Chapter 67 of the Texas Election Code, the Board of Directors is required to canvass the returns and declare the results of the election.

**NOW, THEREFORE, BE IT RESOLVED BY TRWD BOARD OF DIRECTORS THAT:**

**SECTION 1.** The declarations and findings contained in the preamble of this Resolution are hereby found to be true and correct and shall be made a part hereof.

**SECTION 2.** The District’s Board of Directors hereby finds and declares that the election for two District Board seats was held on May 6, 2023, at which qualified voters were given the opportunity to vote for the purpose of electing two seats for the District’s Board of Directors.

**SECTION 3.** The Board of Directors further finds and declares that the returns for such election are as follows:

***Official Results will be provided at the May 16 Board meeting.***

<u>Candidate:</u>	<u>Votes Received:</u>	<u>Percentage:</u>
Paxton Motheral		
Charles “C.B.” Team		
Joe Ashton		
Chad Moore		

**SECTION 4.** The Board of Directors further finds and declares that such returns are correct and adopts them as the returns of the election held on May 6, 2023, together with the tabulation of the total number of votes received in each precinct.

**SECTION 5.** It is hereby officially found and determined that the meeting of the District's Board of Directors at which this Resolution was adopted was open to the public, and that public notice of the time, place and purpose of said meeting was given, as required by Chapter 551 of the Texas Government Code.

**SECTION 6.** This Resolution shall take effect upon adoption on this 16<sup>th</sup> day of May, 2023.

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Leah M. King, Board President

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Mary Kelleher, Board Secretary

**TARRANT REGIONAL WATER DISTRICT**

**AGENDA ITEM 6**

**DATE:** May 16, 2023

**SUBJECT:** Consider Adoption of Resolution Honoring Martha “Marty” V. Leonard

**FUNDING:** N/A

**RECOMMENDATION:**

In grateful recognition of her 17 service on the Board of Directors, management recommends adoption of a proposed resolution honoring Martha “Marty” V. Leonard.

**Submitted By:**

Dan Buhman  
General Manager

RESOLUTION OF THE BOARD OF DIRECTORS  
OF  
TARRANT REGIONAL WATER DISTRICT

HONORING

*Martha “Marty” V. Leonard*

**WHEREAS**, Martha “Marty” V. Leonard was elected to the Tarrant Regional Water District Board of Directors on May 13, 2006 and served her community in this role for 17 years until May 16, 2023;

**WHEREAS**, Ms. Leonard made a profound impact on the Tarrant Regional Water District through her leadership and commitment to the organization and communities she served;

**WHEREAS**, during her 17-year tenure on the Board, Ms. Leonard served as the board’s Vice-President, Secretary and Secretary Pro-Tem;

**WHEREAS**, Ms. Leonard served on numerous Board committees, including the District’s Finance and Audit Committee, Construction and Operations Committee; Environmental Committee and Customer Advisory Committee;

**WHEREAS**, Ms. Leonard is a staunch advocate of implementing water conservation initiatives and programs and championed those efforts to extend the region’s water supply and make the most efficient use of our resources;

**WHEREAS**, during her time on the Board, Ms. Leonard championed the construction of man-made wetlands to reuse existing water supplies by naturally filtering and returning that water to the system to meet the demands of a growing population;

**WHEREAS**, Ms. Leonard supported the Central City Flood Control Project that will provide vital flood protection along the Trinity River throughout Fort Worth to protect nearly 14,000 residents and 2,400 acres of developed Fort Worth;

**WHEREAS**, Ms. Leonard advocated for and supported recreational initiatives along the Trinity Trails System in Fort Worth and at District lakes so they could be utilized as assets to the communities the District serves;

**NOW, THEREFORE BE IT RESOLVED** that in recognition of her 17 years of service to the District and her many contributions to the citizens of Fort Worth, as well as to Tarrant and 10 surrounding counties of North Texas, the Board of Directors of Tarrant Regional Water District does hereby adopt this resolution honoring Martha V. Leonard.

Further, that this resolution be recorded in the permanent Board minutes of the District and that a copy be presented to Marty as an expression of the District’s affection and respect for her many contributions and years of service.

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Leah M. King, President

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Mary Kelleher, Secretary



## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 7

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Contract with Quiddity Engineering LLC for Design Improvements to TRWD Outlet Dechlorination Facilities at Lakes Arlington and Benbrook

**FUNDING:** Bond Fund

#### **RECOMMENDATION:**

Management recommends approval of a contract **in an amount not-to-exceed \$877,921** with Quiddity Engineering LLC (Quiddity) for engineering design services for improvements to District outlet dechlorination Facilities at Lakes Arlington and Benbrook.

#### **DISCUSSION:**

The two District dechlorination facilities located at Arlington outlet and Benbrook outlet are in need of improvements to address aging infrastructure, improve safety and optimize operations. The dechlorination facilities serve an important purpose to protect the aquatic health of receiving bodies of water when the District is dosing chloramines for zebra mussel and biofilm control purposes at its lake pump stations. While it is infrequent that chloramine residuals reach these outlet facilities, District dechlorination capability must be operational when such conditions do exist.

In August 2022, the District advertised per statute a request for statement of qualifications and received one submittal from Quiddity. After thorough evaluation of prior related experience and expertise, staff determined Quiddity to be qualified and issued a notice of intent to award to begin the scope and fee negotiation process. Basic services include design engineering and procurement services support. Supplemental services totaling \$100,000 are also included, as outlined in the attached proposal. The Engineer will not conduct supplemental services without written authorization from the District. Services are anticipated to take 15 months from notice to proceed and construction is planned to begin in early 2025.

The overall diverse business participation commitment for the Quiddity contract is 22.5%.

This item was reviewed by the Construction and Operations Committee on May 12, 2023.

#### **Submitted By:**

Jason Gehrig P.E.  
Infrastructure Engineering Director

May 3, 2023

TRWD | Infrastructure Engineering  
Ms. Donna Stephens, CCM, PMP  
808 E. Northside Dr.  
Fort Worth, Texas 76102

Re: De-Chlorination Improvements Design for Arlington Outlet and Benbrook Outlet Facilities

Dear Ms. Stephens:

We are pleased to submit this proposal for professional engineering services related to the design of the De-Chlorination Improvements Design for Arlington Outlet and Benbrook Outlet Facilities for the Tarrant Regional Water District (TRWD)

## **PROJECT UNDERSTANDING**

TRWD owns and operates two de-chlorination facilities at the TRWD Outlet facilities at Lakes Arlington and Benbrook which were designed and operated since 1997. These two facilities discharge transmitted water from Richland-Chambers Reservoir and Cedar Creek Reservoir into the respective reservoirs (Lake Arlington and Lake Benbrook) for storage. The discharge should be free of chlorine residual. The Arlington Outlet De-Chlorination facility was upgraded in 2011 and the Benbrook De-Chlorination facility was built in 1997. Both facilities need improvements to address aging equipment and provide an upgraded means of managing the de-chlorination process for the two locations. Based on meetings and site visits with TRWD staff, Quiddity Engineering, LLC (Quiddity) understands that TRWD desires to make facility and operational improvements at the Arlington Outlet De-Chlorination facility and the Benbrook De-Chlorination facility.

The improvements at the Arlington Outlet De-chlorination facility will include:

- Within the existing de-chlorination containment area demolish and remove the existing chemical feed system including chemical feed pumps, chemical solution booster pumps, pump terminal panels and disconnects, aboveground piping, valves, appurtenances, conduits, wiring, piping supports, and hardware.
- Within the existing de-chlorination electrical room demolish and remove the electrical equipment, analyzers, aboveground piping, and analyzer area enclosure. The existing analyzers will be salvaged and provided to TRWD.
- Within the existing de-chlorination containment area install a new liquid sodium bisulfite chemical feed system consisting of 3 diaphragm chemical feed pumps (1 duty, 1 installed spare, and 1 shelf spare) each with up to a 30.5-gallons per hour (gph) feed rate (to match existing feed pumps), 3 sodium bisulfite solution sealless magnetic drive centrifugal booster pumps (1 duty, 1 installed spare, and 1 shelf spare) each with up to a 3-horsepower (HP) rated motor (to match existing booster pumps), PVC above ground piping (including bulk storage tank piping), motor-operated valves on bulk storage tank piping to allow remote isolation and selection of bulk tank(s) for service, and stainless steel piping supports. The proposed pump motors will be stainless steel. The sodium bisulfite de-chlorination chemical was selected by TRWD from a previous study.



Ms. Donna Stephens, CCM, PMP

May 3, 2023

- Within the existing de-chlorination containment area install 1 new diaphragm pump with up to a 5-HP motor to transfer chemical between the bulk storage tanks. The proposed pump will have local, manual control and be powered from the existing de-chlorination electrical room.
- Within the existing de-chlorination containment area install a permanent emergency shower and eyewash station.
- Within the existing de-chlorination containment area install a flanged tee with an isolation valve on the discharge piping from both chemical bulk storage tanks to provide a manual connection point for flushing of the downstream piping. No permanent piping will be connected to the tee fitting.
- At the existing de-chlorination containment area install a new roof over the existing chemical bulk storage tanks. Quiddity understands the existing de-chlorination containment area was originally a precast concrete building with a precast concrete roof, in the 2011 upgrade project the precast concrete roof panels were removed and were replaced with structural steel framing. The new roof will consist of translucent panels supported off structural steel framing, as manufactured by Kalwall Corporation or a pre-approved equal if Quiddity determines an equal. The roofing system will be designed with removable elements to allow for future access to the chemical tanks.
- At the existing de-chlorination containment area replace the existing man entry metal door with a new door metal in-kind, including replacing the door frame, jamb, threshold, hardware, electronic card readers and magnetic locks.
- At the existing de-chlorination containment area replace the existing sulfur dioxide gas detection equipment in the chemical containment area including 1 sensor, 1 controller, conduit, and wire. The signal will be routed to existing onsite PLC.
- At the existing de-chlorination containment area replace the existing, non-operational ventilation equipment with a new dual-rate ventilation system (no A/C) and heat. The area will be continuously ventilated. During colder temperatures, a push-pull ventilation system consisting of low point exhaust fan and supply makeup air unit with electric heat will ventilate the area at a rate of 6 air changes per hour (ACH). During warmer temperatures, a set of larger exhaust fans with intake louvers for makeup air will ventilate the area at 20 ACH. The high vent rate (20 ACH) ventilation fan(s) will be automatically turned on-off via an adjustable outdoor thermostat set at 50 degrees Fahrenheit (°F) with the option to activate the high vent rate fans manually via a H-O-A switch. Fans and ductwork will be fiberglass reinforce plastic (FRP) construction. Exhaust and intake air locations will be spaced and located to supply air across the room to minimize dead spots and chemical fume accumulation. Wall intake louvers will be provided with washable screens to reduce insects and debris entering containment area. Heating will be sized to maintain 60°F inside the containment area since sodium bisulfite begins to crystallize at 45°F. Design criteria and concepts will be reviewed and finalized with TRWD during detailed design.
- Within the existing de-chlorination electrical room replace the existing electrical equipment including 120/240-Volt (V) electrical power distribution equipment, 480V switchboard, 480-120/240V stepdown transformer, and 120/240V power panelboard.



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- In the existing control building replace the existing PLC and PLC panel internal components (fusings, terminals, etc.) and include additional components required for control and monitoring of the Sodium Bisulfite Storage Tanks, Sodium Bisulfite Feed Pumps, Sodium Bisulfite Solution Booster Pumps, Sample Supply System, Total Chlorine Residual Monitoring, Sump High Level, De-chlorination System Automatic Control, and HVAC Temperature. The new PLC will match the existing input and output (I/O) for the noted systems with additional I/O modules added for sample analyzer data, control of new motor-operated valves installed on sample and chemical injection piping located in concrete vaults at sample and injection locations in the site yard, control of motor-operated valves installed on chemical bulk storage tank piping, and HVAC temperature information. The addition of the new I/O listed above may require Remote I/O panel(s). TRWD will perform the PLC programming and integration. Quiddity will not provide control narratives for any existing I/O.
- Within the existing de-chlorination electrical room replace the existing fluorescent lighting fixtures with new LED lighting fixtures. Install new, wall-mounted LED lighting inside the de-chlorination containment area.
- Within the existing de-chlorination electrical room provide updated markings and stickers for electrical equipment modified with the proposed improvements representative of the modified arc flash rating.
- Within the existing de-chlorination electrical room construct 2 new HVAC systems (1 duty and 1 stand by) for climate control of the existing electrical room. The HVAC system will be controlled with a digital thermostat.
- Construct a new single-story pre-cast concrete building (~10-ft x ~20-ft) on the existing site immediately north of the existing de-chlorination containment area. Quiddity will make efforts to provide a layout that provides TRWD-preferred clearance between the new building and the buried discharge piping; however, Quiddity cannot ensure what clearances can be obtained at this time. The new building will include the following:
  - A new laboratory room, a unisex restroom, and a small storage closet. Should the bathroom and laboratory room be separated into two different structures, it will require additional scope and compensation for Quiddity.
    - The laboratory room will contain a lab bench, sink with a potable water faucet, floor drain, and analyzer equipment consisting of 3 new Hach CL-17 chlorine analyzers. Data from analyzers will be routed to and integrated into existing PLC. The existing oxidation reduction potential (ORP) analyzer equipment will be salvaged and returned to TRWD. The existing CL-17s will be salvaged and returned to TRWD. The process equipment in the lab will include piping, sample pumps, valves and appurtenances necessary to support continuous flow operations across the analyzers.
    - The restroom will consist of a single toilet, sink with a potable water faucet, and hot water heater.
    - The storage closet will consist of a single-entry closet that is unfurnished inside.



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- 1 HVAC system with a single air-handling unit located above the drop ceiling, a single condenser unit located at ground level, and duct work to provide air flow to both rooms. The HVAC system will be controlled with a digital thermostat.
- Magnetic locks with electronic card readers on the exterior access door(s), similar to the existing buildings.
- Pre-cast concrete roof panels with a 4-ply membrane roofing system and an interior drop ceiling.
- Conventionally reinforced slab and grade beam supported on drilled concrete piers.
- Provide sampling and injection point improvements on the yard piping including installing motor operated valves on the sampling and injection line valves in the yard and tie into the new PLC as noted above and integrate the existing SCADA system as noted above to allow remote actuation capabilities. Steel structures and access platforms will be installed for protection from the 1% Annual Chance floodplain, as defined by the current Flood Insurance Rate Maps published by FEMA, for electrical components and access for site personnel.
- For sanitary collection provide a buried sanitary collection tank at the existing site that TRWD could contract for pump removal. The intent is to provide storage for a pump and haul contract and not to provide septic treatment or disposal at the site.
- Provide a potable water line extension to the site to serve the emergency shower/eyewash and restroom from the water main assumed to exist near the existing fire hydrant located near the existing property line. Provide a reduced pressure zone (RPZ) backflow preventer on the waterline at the property line and each building.
- Replace the existing paved driveway where impacted by the proposed improvements and provide access for trucks to fill the bulk storage chemical tanks.
- Add additional chain link fencing with barbed wire (to match existing) to incorporate the elevated access vaults adjacent to the existing site. Based on the best available information at this time, this modification will not be impacted by floodway or floodplain restrictions. Should the current understanding change, an alternative design will be necessary as a Supplemental Service.

The improvements at the Benbrook de-chlorination facility will include:

- Within the existing chemical containment area demolish the existing aboveground sodium bisulfite feed system including all tanks, pumps, piping, valves, electrical conduits, wiring, hardware, supports, and ventilation system.
- Within the existing chemical containment area install a new powder-based ascorbic acid de-chlorination system. The use of powdered ascorbic acid as a de-chlorination chemical was selected by TRWD from a previous study. The new ascorbic acid de-chlorination system will include a mixing tank, 2 new positive displacement pumps (1 duty and 1 spare) and be designed to provide a dosage range of 0.6 mg/L to 3 mg/L (based on neutralization of a 0.2 mg/L to 1 mg/L chlorine residual). The chemical feed system will operate in manual mode only.
- Within the existing chemical containment area, replace existing ventilation system with a new pull (exhaust only) ventilation system sized for 6 ACH to maintain negative airflow through the building. A simple (pull) exhaust system is proposed due to the lower toxic and corrosive properties of the proposed ascorbic acid system.



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- No residual monitoring or analyzing equipment will be provided at the site. TRWD will rely on grab sampling to check residual since the facility will be rarely used.
- Within the existing electrical room replace the existing electrical equipment including 120/240V electrical power distribution equipment, 480V switchboard, 480-120/240V stepdown transformer, and 120/240V power panelboard. The existing PLC and PLC panel will not be demolished or be replaced.
- Within the existing electrical room, the existing PLC panel will be modified to provide manual operation of the new chemical feed system only. TRWD will perform the programming and integration.
- Within the existing chemical containment area and electrical rooms replace the existing fluorescent lighting fixtures with new LED lighting fixtures.
- Modify the existing fill station to prevent diversion of stormwater runoff into the building.

## **QUIDDITY SCOPE OF SERVICES**

### Task 1 - Project Management

- Perform project startup services including attendance of a virtual kickoff meeting by up to 3 members of the design team, project directory filing and accounting set up, and development of project management plan, project quality management plan, communication plan, and design and decision logs.
- Provide project management during each project phase outlined in this proposal including managing project integration, scope, schedule, cost, quality, staff resources, sub-consultants, and communications.
- Provide a one-page electronic monthly bulleted status report submitted via SharePoint.
  - Status reports will include accomplishments from the past month, issues/concerns/information needs, and explanations of any cost or schedule variances.
  - Each monthly narrative will include the following attachments with the status report: monthly invoice, performance report update, schedule update, schedule of anticipated payments, completed Vendor Participation Form, and decision & design change log update.
- Perform a Quality Control review of each design milestone deliverable (50%, 90% 100%, Final Contract Docs), and addenda issued during the Proposal Phase.
- Prepare an Association for the Advancement of Cost Engineering (AACE) Class III Engineer's Opinion of Probable Construction Cost (OPCC) after the 50% design milestone.
- Prepare an Association for the Advancement of Cost Engineering (AACE) Class II Engineer's OPCC after the 90% design milestone and 100% milestone.

### Deliverables:

- Electronic copies (.pdf) of monthly narrative status reports
- Electronic copies (.pdf) of monthly invoice
- Electronic copies (.pdf) of monthly Schedule of Anticipated Payments
- Electronic copies (.pdf) of Vendor Participation Form updates
- Electronic copies (.xlsx) of Decision & Design Change Logs updates
- Electronic copies (.pdf) of Engineer's OPCCs



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Task 2 - Design Phase

- Virtually attend up to 10 design progress meetings with TRWD, excluding comment resolution meetings. Up to 3 members of the design team will attend the meeting.
- Review TRWD provided record drawings of all projects at the two existing facilities.
- Perform a field visit by up to 5 members of the design team to investigate the existing facilities, to make measured drawings thereof, or to verify accuracy of existing record drawings or other information furnished by the TRWD.
- Due to the nature of the project scope, and in an effort to reduce project costs, all construction drawings will be prepared in AutoCAD 2019 2D and utilize Engineer's standards, based on National CAD standards.
- All technical specifications will utilize Construction Specification Institute's 16 Division format, be based on IPL standard Specifications for those that exist, and based on Engineer's standards for non-existing IPL standard specifications.
- Prepare a 50% design submittal consisting of draft technical specifications including a table of contents, draft Divisions 11, 13, and 14 technical specifications proposed major equipment list, and 50% construction drawings consisting of a cover page, sheet index, legends, flow schematics, proposed site layout, process area piping and instrument diagrams (P&IDs), proposed mechanical plans, proposed building spatial plans, electrical one-line diagrams, and electrical load analysis.
- Provide a written response to each comment received on the 50% design submittal stating if the comments will be addressed, and if so, how they will be addressed.
- Attend a 50% milestone comment resolution meeting with the TRWD. Up to five (5) members of the design team will attend the meeting.
- Attend a Pre-Development Meeting with the City of Fort Worth to discuss the schematic site plan and determine the development requirements for the Arlington site layout from the City.
- As required by City of Fort Worth for a project with land disturbing activity of less than 1 acre, prepare pre- and post-project runoff calculations using the Rational Method, review the effective FEMA Flood Insurance Study (FIS), calculating pre- and post-project water surface elevations at a representative cross section of Village Creek using publicly available LiDAR for the 100-year design storm event.
- Prepare a letter to document no adverse impact (assumed result at this time) with supporting calculations, and the 100-year flow rate for Village Creek, which will be taken from the FIS for pre-project conditions, and for the post-project Village Creek flow rate will add the delta between pre- and post-project onsite runoff. If additional models or extended analysis are requested by the City or other reviewing agency, they can be provided as a supplemental service.
- Prepare a 90% design submittal consisting of draft Divisions 1-16 technical specifications, 90% construction drawings consisting of a cover page, sheet index, legends, general notes and details, flow schematics, proposed site layout, yard piping layout, site duct back layout, paving plan, process area P&IDs, mechanical plan and profiles, proposed building floor plans, one-line diagrams, electrical load analysis, electrical basin and building layouts, structural/architectural plan and profiles.
- Provide a written response to each comment received on the 90% design submittal stating if the comments will be addressed, and if so, how they will be addressed.
- Attend a 90% milestone comment resolution meeting with the TRWD. Up to five (5) members of the design team will attend the meeting.



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- Prepare a 100% design submittal consisting of draft Divisions 1-16 technical specifications, 90% construction drawings consisting of a cover page, sheet index, legends, general notes and details, flow schematics, proposed site layout, yard piping layout, site duct back layout, paving plan, process area P&IDs, mechanical plan and profiles, proposed building floor plans, one-line diagrams, electrical load analysis, electrical basin and building layouts, structural/architectural plan and profiles.
- Provide a written response to each comment received on the 100% design submittal stating if the comments will be addressed, and if so, how they will be addressed.
- Attend a 100% milestone comment resolution meeting with the TRWD. Up to five (5) members of the design team will attend the meeting.
- After the completion of the 100% milestone submit plans and/or technical specifications to the City of Fort Worth for commercial building permit, floodplain permit, electrical permit, fire code permit, and urban forestry permit for review and/or permit approval/issuance. TRWD will provide direct payment for any and all permit fees associated with the project. These costs are not included in this proposal:
- After the completion of the 100% milestone submit plans to a Registered Accessibility Specialist for review and compliance with Texas Accessibility Standards for the proposed building. No other proposed structures are anticipated to require a review for compliance with TAS. Should this understanding change, this work will be completed as a Supplemental Service.

Deliverables:

- Digital copies (.pdf) of progress meeting agendas and minutes.
- Digital copies (.xlsx) of comment resolution tables
- Digital copy (.pdf) of draft BODR
- Digital copy (.pdf) of final BODR
- Digital copies (.pdf) of the 50%, 90%, and 100% design submittal documents including construction drawings and technical specifications.

Task 3 - Final Contract Documents

- Prepare a proposal package consisting of signed and sealed technical specifications and construction drawings, for a single construction package.
- Prepare a bid form.  
TRWD will incorporate its standard bidding documents (General Conditions, Special Conditions, Instruction to Bidders, Agreement, etc.) with the technical specifications and construction drawings to create a proposal package. The Engineer will review the provided bidding documents and provide input on requirements it feels should be included, but TRWD is responsible for determining the completeness and accuracy of these documents.

Deliverables:

- Digital copy (.pdf) of the proposal package including signed and sealed construction drawings and technical specifications.





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#### Task 4 – Proposal Phase Services

- TRWD will coordinate project advertisement, post all bidding documents for review by prospective bidders. Pay all advertisement fees, and coordinate site visit access for prospective bidders.
- Attend the pre-proposal meeting and give a presentation at the meeting summarizing and outlining the project for prospective bidders including an overview of the project, special construction requirements, known shutdowns of existing facilities, required coordination with other contractors, and review materials furnished by TRWD.
- Respond to questions from prospective bidders at the pre-proposal meeting.
- Prepare meeting minutes of the pre-proposal meeting.
- Prepare up to 3 addenda to respond to questions submitted by prospective bidders. Addenda will be provided to TRWD and TRWD will be responsible for posting addenda for review by prospective bidders.
- Prepare an Engineer's OPCC for cost impacts of each addenda prepared.
- Conduct a high-level review of contractor proposals received focused on experience and performance of Offerors, experience and qualifications of proposed key personnel, project approach.
- Conduct reference checks on the Offeror's past performance and report on reference checks findings to TRWD.
- Attend a Proposal Evaluation Team meeting with TRWD. Up to 2 design team members will attend the meeting.
- Participate in interview of up to 3 of the top ranked Offerors.
- Prepare a Letter of Recommendation.

#### Deliverables:

- Electronic copy (.pdf) of the pre-proposal meeting minutes
- Electronic copies (.pdf) of all addenda and Engineer's OPCCs for addenda
- Electronic copy (.pdf) of contractor reference check report
- Electronic copy (.pdf) of a Letter of Recommendation

#### Task 5 – Surveying Services

- Topographic Survey - Provide an on-the-ground topographic survey of the proposed project area, as determined necessary by the Engineer. The topographic survey will include a portion of the Everman Kennedale Road bridge. If possible, provide the flow line elevations of any sanitary sewer manholes that are accessible by surveyors. Request Texas811 utility locates along Everman Kennedale Road adjacent to the topographic survey area. The topographic survey will include visible above ground utilities, pavement on the facility site and adjacent pavement on Everman Kennedale Road. Locate and identify trees 6" and larger located within the area surveyed. Provide a CAD file and GIS shape files with all data located and 1-ft contours included.

#### Deliverables:

- Electronic copy (.dwg) of topographic survey.
- All survey points will be converted to geodatabase shapefiles (.dbf, .shx., .prj, and .shp)



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#### Task 6 – Sub Surface Engineering (SUE) Services

- Perform Quality Level (QL) “A” and “B” SUE. Utilities to be designated include gas, telecommunications, electric, traffic signals, storm water and sanitary sewer. Designation will be performed within the proposed area of future bathroom and lab additions at the facility, and within 20’ each side of the proposed water and sewer routes that are to be identified by Quiddity. Three (3) QL “A” test holes will be included in the scope. Test hole locations will be determined once the QL “B” SUE deliverable has been reviewed.

#### Deliverables:

- Electronic copy GIS shape files (.dbf, .shx, .prj, and .shp) of noted utility locations.

#### Task 7 – Geotechnical Investigation

- Field Investigation – Perform a drilling of one (1) structural test boring within the vicinity of the proposed restroom and lab building. The structural test boring will be advanced until 15 feet of unweathered rock is penetrated. Unweathered rock is anticipated to be encountered at a depth of 35 feet below existing ground surface. Therefore, the test boring is anticipated to be drilled to a depth of 50 feet. In addition, two (2) pavement borings will be drilled to depths of 10 feet below existing ground surface. The existing pavement will be cored with a 6-inch core barrel prior to drilling the borings. Subsurface soil samples will be secured with thin-walled tube and/or split spoon samples depending on soil type and consistency. Rock encountered in the borings will be evaluated using the Texas Department of Transportation Penetrometer (TxDOT Cone) at 5-foot intervals until termination depth. All samples will be properly logged in the field, packaged, sealed, and placed in a core box for transportation to the laboratory. The test borings will be backfilled with soil cuttings and the pavement patched upon drilling
- Laboratory Investigation - Laboratory tests will be conducted to classify the soil and to evaluate the volume change potential and strength of the soil present at the site. Soil classification tests will consist of Atterberg limits (plasticity index), percent passing No. 200 sieve, moisture content and dry unit weight. The volume change potential of the soils will be evaluated by swell tests. The strength of the soil will be estimated using hand penetrometer tests and unconfined compression strength tests.
- Engineering Analyses - Results of field and laboratory work will be presented in a signed and sealed report. that includes site reconnaissance, boring staking and utility clearance coordination, boring plans, boring logs, water level observations, and laboratory test results, foundation recommendations for the proposed structure, comments on the presence and effect of expansive and/or compressive soils, alternative methods of reducing any anticipated shrink/swell movements associated with expansive clays will be included, recommendation for pavement stabilization, concrete pavement thickness recommendations will be provided based on traffic data provided by the TRWD.

#### Deliverables:

- Electronic copy (.pdf) of sealed geotechnical engineering report.
- Electronic copy GIS shape files (.dbf, .shx, .prj, and .shp) of noted soil boring locations.



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#### Task 8 – Project Expenses

- Reproduction expenses, delivery fees, other project expenses, and other services not performed by Engineer.

#### Supplemental Services

Any service not explicitly described above is not part of this scope and compensation proposal and shall not be required unless agreed in writing by TRWD and Quiddity. Should TRWD want or need any supplemental services during the project, these services can be performed for additional compensation if authorized by TRWD. The list below is not all-inclusive but provides common supplemental services.

- Prepare blending studies, corrosion studies, or treatability studies.
- Provide environmental investigations, permitting, mitigation, remediation, or stormwater detention, mitigation, or water quality pond evaluation or design services.
- Prepare easement metes and bounds and/or exhibits.
- Redesign of any portion of the scope noted above to accommodate changes in published codes or regulations. All design elements will be performed to codes and regulations that are published at the date of this proposal (April 2023).
- Coordinate with and/or address comments by independent reviewers.
- Prepare any stormwater models and/or drainage analysis.
- Provide value engineering after design milestones or during the proposal or construction phase.
- Provide bid phase services to re-bid the project.
- Prepare multiple bid packages, including special equipment procurement packages.
- Prepare modifications to the plans or specifications to provide for bid alternatives within the bounds of the scope described above.
- Perform, through a third-party specialist, any required or non-required building analyses, TDLR (ADA) reviews, Registered Accessibility Specialist reviews for TAS purposes, TDI windstorm application and certification submittals, TDLR (ADA) inspections, outside of that included in the scope above.
- Provide GIS mapping services or assistance with these services outside of that included in the scope above.
- PLC programming and/or SCADA integration.
- Perform construction phase services including, but not limited to, contract administration, construction management, and field project representation.
- Review or evaluate Contractor claims that are due to any circumstance outside of Quiddity's control.
- Assist TRWD in preparing for or appearing at litigation, mediation, arbitration, dispute review boards, or other legal and/or administrative proceedings in the defense or prosecution of claims disputes with Contractor(s).

#### Services Provided by TRWD

- Provide environmental investigations of the existing site.
- Provide any previously completed drainage analyses of the existing site.
- Provide payment for all plan review fees, permitting fees, and surcharges for the project.



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- Provide front end contract documents including bidding documents, agreement, supplemental conditions, and liquated damages/incentives (if any) language and amounts to be included in the contract.
- Provide payment for project advertisement fees.
- Convey the TRWD’s risk tolerance, the resultant limits, and types of insurance coverage for construction to match that tolerance. Review and approval of contractor’s insurance
- Set bonding requirements per the TRWD’s risk tolerance. Review and approval of contractor’s bonds.
- Submit project advertisement for publication.
- Post bidding documents and addenda provided by Quiddity.
- Host the pre-proposal meeting.
- Receive and open bids and transmit bids to Quiddity.
- Award and final acceptance of contract.

## COMPENSATION

Compensation will be on an hourly not to exceed basis for each phase as shown below:

Task 1 – Project Management	\$90,576
Task 2 – Design Development Services	\$592,406
Task 3 – Final Contract Documents	\$11,213
Task 4 – Proposal Phase Services	\$36,406
Task 5 – Surveying Services	\$10,998
Task 6 – Sub Surface Engineering Services	\$14,373
Task 7 – Geotechnical Investigation	\$10,530
Task 8 – Project Expenses	\$11,420
<b>Total</b>	<b>\$777,921</b>
Supplemental Services Allowance*	\$100,000

\*The supplemental services allowance does not, and is not intended to, serve as a total dollar amount to perform all possible supplemental services noted above. This value is purely an allowance as the need and/or scope limits of the supplemental services cannot be determined at this time.

## PROJECT SCHEDULE

Quiddity will complete the scope of services defined herein according to the following schedule.

- 50% Phase 180 Calendar days from Notice to Proceed
- 90% Phase & 100% Phase 150 Calendar days from Final 50% Phase review meeting\*
- Final Contract Document Prep 30 Calendar days from 100% review meeting
- Proposal Phase Services 90 Calendar days from Contract Document Approval



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\*This duration assumes a 60-day duration for review and approval by regulatory agencies. The actual duration may vary based on actual review time which is beyond Quiddity's control.

### **SPECIAL CONSIDERATIONS**

This proposal is based on the following special considerations:

1. This proposal will be subject to the Professional Services Agreement between Quiddity and the TRWD executed for this specific project.
2. Services requested by TRWD that are outside the scope of this proposal will be performed for additional compensation under a separate work authorization.
3. It is assumed by all parties to this contract that the existing site is suitable for this project without encumbrance, defect, unknown wastes or gasses, and the TRWD accepts the design basis to locate new building finished floors, equipment, and electrical panels at the higher elevation of either the existing building finished floors or the 1% annual chance floodplain as published by FEMA on its FIRMs as of the date of this proposal to have an acceptable risk of flooding.
4. The proposed compensations shall be considered in their entirety for the scope of services. Should you wish to contract with us for only a portion of the work, we will provide an itemized breakdown of those services.
5. This proposal shall be valid for sixty (60) days from this date and may be extended upon approval by the signatories of this proposal or their management team.

We appreciate the opportunity to provide these services and look forward to working with you. If you have any questions or need any additional information, please call us at 972.488.3880.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mohammad Bayan'.

Mohammad A. Bayan, PE

Sincerely,

A handwritten signature in blue ink, appearing to read 'C. Drew Crow'.

C. Drew Crow, PE

CDC/vss

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Enclosures

<b>Scope</b>	<b>Firm</b>	<b>M/WBE</b>	<b>Fees</b>	<b>%</b>
Architecture	GSA	Yes	\$59,630	7.7
Structural	JQI	Yes	\$50,250	6.5
HVAC Engineering	AACE	Yes	\$44,637	5.7
Geotech Engineering	AGG	Yes	\$8,450	1.1
SUE	YR Mapping	Yes	\$12,175	1.6
Total M/WBE Firms Fees and % Participation			\$175,142	22.5

## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 8

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Change Orders with BAR Constructors, Inc. for the Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modification Project

**FUNDING:** Bond Fund

#### **RECOMMENDATION:**

Management recommends approval of a change order with BAR Constructors, Inc. **in the amount of \$40,498.68** and approval of a change order with BAR Constructors, Inc. **in an amount not-to-exceed \$150,000** for the Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modification Project.

#### **DISCUSSION:**

The purpose of the \$40,498.68 Change Order is to purchase six (6) additional cathodic protection test stations, thirteen (13) zinc anodes, and associated equipment to protect additional large diameter valves from corrosion. The large diameter valves are encased in a low strength, flowable fill which is easier to remove than the higher strength pipe concrete encasement located elsewhere throughout the project. As a result, each valve has additional cathodic protection to prevent corrosion. Six (6) valves were added to the design to improve water supply flexibility, redundancy and improved employee safety when in the pipe. These valves require cathodic protection that is not included in the current contract documents.

The purpose of the not to exceed \$150,000 Change Order is to authorize the removal and modification of the existing 48-inch inlet piping to the Kennedale Balancing Reservoir Cell 2, which was found to be in a different location than shown on the 1999 record drawings. The actual location of the 48-inch inlet piping was found after dewatering of the second cell, located within the excavation zone required for the new ten-foot diameter outlet piping to be installed. Modifications to the Kennedale Balancing Reservoir currently underway will improve operational flexibility and water quality in serving TRWD's customer water treatment plants.

Description of the items to be demolished under the not to exceed \$150,000 Change Order include the inlet structure consisting of a reinforced concrete headwall, wingwalls, and foundation slab. The existing inlet pipe to be removed is a 48-inch bar-wrapped concrete cylinder pipe grouted in one-half inch thick, 60-inch steel casing with concrete encasement on each end. All removed material will be separated into sections that can

be removed from the project site. Other modifications to the existing 48-inch piping such as dished plugs will also be required.

Change Order No. 06 and Work Change Directive No. 01 will be issued to the contractor after Board approval. The Work Change Directive will be issued in the amount not to exceed \$150,000 and will then be converted to a Change Order when work has been completed and accurate quantities are known. Payment for the work will be based on unit pricing and measured quantities.

The original contract price was \$40,505,600. The current contract price incorporating previous credit and deduct change orders to date is \$40,383,265.24.

This item was reviewed by the Construction and Operations Committee on May 12, 2023.

**Submitted By:**

Jason Gehrig P.E.  
Infrastructure Engineering Director



Change Order

<b>Project:</b> <u>KBR Yard Piping and Inlet and Outlet Modifications (KBR3E)</u>	<b>Project Number:</b> <u>21-147</u>
<b>Owner:</b> <u>Tarrant Regional Water District</u>	<u>289</u>
<b>Contractor:</b> <u>BAR Constructors, Inc.</u>	<u>TWC2214</u>
<b>Engineer:</b> <u>Freese and Nichols, Inc.</u>	

**Change Order No.:** 0006      **Date:** 04/28/2023

**Funding Source:** Bond

**Make the following additions, modifications, or deletions to the Work described in the Contract Documents:**

**RE: RCP0007, CP0036A Addition of BFV Test Stations**

<b>BFV Test Stations</b>	
1 @ \$40,498.68	\$40,498.68

**Net Change to Contract Amount:** \$40,498.68


*The compensation in this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur 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 cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Amendment. The changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled.*

<b>a Original Contract Price</b>	\$40,505,600.00
<b>b Previously Approved Change Order Amounts</b>	(\$122,334.76)
<b>c Adjusted Contract Price ( a + b )</b>	\$40,383,265.24
<b>d Change Order Amount</b>	\$40,498.68
<b>e Revised Contract Price ( c + d )</b>	\$40,423,763.92

<b>f Percent Change to Date:</b> <u>(.20)%</u>	<b>g Change in Days this Change Order:</b> <u>10</u>
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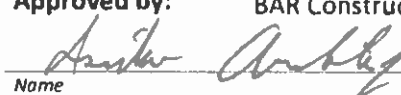
Completion Dates:		Original	Previous	Current
Substantial	h	04/04/2024	i	04/09/2024
Final	k	06/03/2024	l	06/08/2024
			m	06/18/2024

**Recommended by:** Project Construction Manager

 04/28/2023

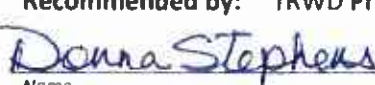
Name \_\_\_\_\_ Date \_\_\_\_\_

**Approved by:** BAR Constructors, Inc.

 04/28/23

Name \_\_\_\_\_ Date \_\_\_\_\_

**Recommended by:** TRWD Project Manager

 5/1/2023

Name \_\_\_\_\_ Date \_\_\_\_\_

**Approved by:** Tarrant Regional Water District

\_\_\_\_\_  
Name \_\_\_\_\_ Date \_\_\_\_\_

Change Proposal Cost Summary

Project	<u>KBR Yard Piping and Inlet and Outlet Modifications (KBR3E)</u>	Project Number	<u>21-147</u>
Owner	<u>Tarrant Regional Water District</u>		
Contractor	<u>BAR Constructors, Inc.</u>		<u>289</u>
Engineer	<u>Freese &amp; Nichols, Inc.</u>		<u>TCW22114</u>

Change Proposal No.	<u>36</u>	Date	<u>4/13/2023</u>
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Cost Summary			
<b>Payroll Cost</b>			
			\$ 8,835.00
Payroll markup at payroll multiplier of	15%		\$ 1,325.25
Payroll cost with markup			\$ 10,160.25
<b>Materials and Equipment (M&amp;E)</b>			
M&E markup at M&E multiplier of	15%		\$ 24,950.00
Materials cost with markup			\$ 3,742.50
			\$ 28,692.50
<b>Subcontractor Cost</b>			
Subcontractor markup at subcontractor multiplier of	5%		\$ 500.00
Subcontractor cost with markup			\$ 25.00
			\$ 525.00
<b>Construction Equipment Cost</b>			
Construction equipment markup at equipment multiplier of	0%		\$ -
Construction Equipment cost with markup			\$ -
			\$ -
<b>Supplemental Cost other than Construction Equipment</b>			
Supplemental Cost markup at equipment multiplier of	0%		\$ -
Supplemental Cost with markup			\$ -
			\$ -
<b>Bonds and Insurance</b>			
			\$ 1,120.93
<b>Total Change Proposal Cost</b>			
			\$ 40,498.68

Contract Time Summary			
Date of Notice to Proceed	<u>1/25/2022</u>		
Original days to Substantial Completion	<u>800</u>	Original days to Final Completion	<u>860</u>
Original Substantial Completion date	<u>4/4/2024</u>	Original Final Completion date	<u>6/3/2024</u>
Change in Substantial Completion Contract Days to Date	<u>0</u>	Change in Final Completion Contract Days to Date	<u>0</u>
Current days to Substantial Completion	<u>4/4/2024</u>	Current days to Final Completion	<u>6/3/2024</u>
Requested change in Substantial Completion Contract Days	<u>10</u>	Requested change in Final Completion Contract Days	<u>10</u>
Proposed Change in Substantial Completion Contract Date	<u>4/14/2024</u>	Proposed Change in Final Completion Contract Date	<u>6/13/2024</u>

*The undersigned certifies for Contractor that the compensation requested for this Change Proposal is the full, complete, and final compensation for all costs Contractor may incur because of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work because of this Change Proposal. Requested changes in Contract Times are the complete and final adjustments for impacts to the ability of Contractor to complete the Work within the Contract Times and are the only adjustments to which Contractor is entitled. All terms and provisions of the Contract Documents remain in effect except as specifically modified by this Change Proposal.*

Ruslan A. Turkot 4/13/2023  
 Signature Date

# BAR Constructors, Inc. - Cost Detail Worksheet

Job 289 - KBR Yard Piping and Inlet and Outlet Modifications (KBR3E)

4/13/23 - CP0036 Addition of BFV Test Stations

Description	Qty	Unit	Labor	Material	Equipment	Subcontract
Cathodic Materials (see quote)	1.00	LS		19,382.00		
Material Shipping Cost	1.00	LS		600.00		
Destructive Testing of Anode	1.00	LS				500.00
Drill In Anodes	28.00	EA	3,600.00		2,400.00	
Install Test Station Posts	7.00	EA	2,100.00	1,200.00		
labor subtotal			5,700.00			
Special safety considerations			-	-		
Rentals / ancillary costs			-	-		
Transportation / travel			-	-		
Storage / Delivery			-	-		
Field services - surveying						-
Project Engineer	-	hr	-			
Project Superintendent		hr	-			
Project Manager		hr	-			
labor subtotal			5,700.00			
payroll taxes & insurance	55 %	L	3,135.00			
material subtotal				21,182.00		
safety equipment	3 %	L		171.00		
tools and supplies	5 %	L		285.00		
site office, facilities, etc.	2 %	L		114.00		
equipment subtotal					2,400.00	
equipment tax	8.25 %	E			198.00	
fuel and maintenance	25 %	E			600.00	
subcontract subtotal						500.00
<b>Category totals</b>			<b>8,835.00</b>	<b>21,752.00</b>	<b>3,198.00</b>	<b>500.00</b>
Subtotal						34,285.00
OH&P BAR (15%)						5,067.75
OH&P SUBS (5%)						25.00
Bond						1,120.93
Total						40,498.68
Alternate breakdown						
		<u>Labor</u>	8,835.00			
		<u>Material</u>	21,752.00			
		<u>Equipment</u>	3,198.00			
		<u>Subcontract</u>	500.00			
		<u>Bond</u>	1,120.93			
		<u>OH&amp;P</u>	5,092.75			
			<u>40,498.68</u>			

**Request for a Change Proposal**

<b>Project:</b> KBR Yard Piping and Inlet and Outlet Modifications (KBR3E)	<b>Project Number:</b>
<b>Owner:</b> Tarrant Regional Water District	21-147
<b>Contractor:</b> BAR Constructors, Inc.	289
<b>Engineer:</b> Freese and Nichols, Inc.	TCW22114

**Request No.:** 0007      **Description:** Deletion and Addition of Butterfly Valve Test Stations

**Specification:** \_\_\_\_\_

**Drawing No.:** CP-101      **Detail Description:** \_\_\_\_\_

**Reference Document:**

Request for Information No.: \_\_\_\_\_       Shop Drawing Deviation Request No.: \_\_\_\_\_

Work Change Directive No.: \_\_\_\_\_       Contract Document: \_\_\_\_\_

*The Owner requests that the Contractor prepare a Change Proposal for the changes in the Contract Documents described in this Request for a Change Proposal. The compensation offered for this Change Proposal is to be the full, complete, and final compensation for all costs the Contractor may incur 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 cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Amendment. Requested changes in Contract Times are to be the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor will be entitled. Authorization to proceed with changes must be approved by the Owner in accordance with the Contract Documents.*

**Owner requests a Change Proposal for the following modifications to the Contract Documents:**  
Delete and add BFV test stations shown on sheet CP-101. See attached Description of Modifications.

**Purpose of Change Proposal:**  
Delete and add test stations to BFV.

**Attachments:**  
KBR3E DesMods for BFV test stations  
exhibit for markup of RFI-0021 - CP\_-101 Updated Stationing

**Status:**

Change Proposal No.: \_\_\_\_\_ Received       Cancelled

**Action Required:**

Documents Filed       Cancelled

**Requested by:**  \_\_\_\_\_      **Date:** 08/30/2022

**Description of Modifications**

<b>Project:</b>	<u>KBR Yard Piping and Inlet and Outlet Modifications (KBR3E)</u>	<b>Project Number:</b>	<u>21-147</u>
<b>Owner:</b>	<u>Tarrant Regional Water District</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc.</u>		<u>289</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc.</u>		<u>TWC2214</u>

**Make the following additions, modifications, or deletions to the Work described in the Contract Documents:**

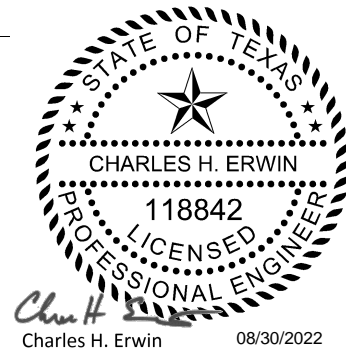
On sheet CP-101:

- Modify stationing as marked up in the response to RFI-0021.
- Delete one BFV test station shown at Station 12+00 in area B (marked up on RFI-0021)
- Add eight BFV test stations at:
  - o 108" BFV on 2B2; Station 0+26.03
  - o 90" BFV on 2D1; Station 32+88.62
  - o 72" BFV on 3D1; Station 33+89.38
  - o 90" BFV on 3D3; Station 1+75.73
  - o 54" BFV on 3D4; Station 1+65.21
  - o 48" BFV on 4A3; Station 1+34.84
  - o 48" BFV on 4A4; Station 0+13.53
  - o 108" BFV on 6B1; Station 10+62.77

**Approved by:** [Engineer]

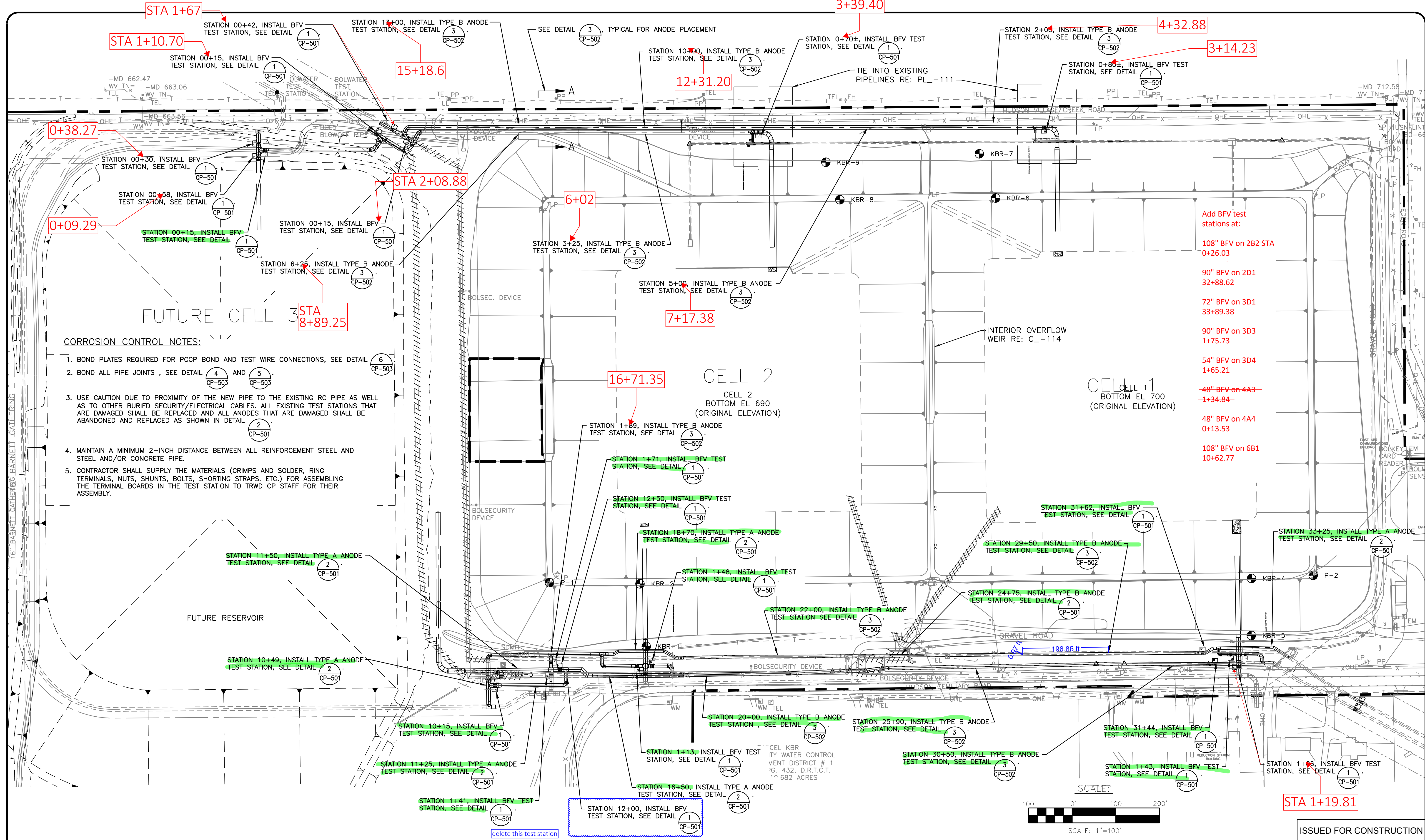
*Name*

*Date*



**FREESE AND NICHOLS, INC.**  
**TEXAS REGISTERED**  
**ENGINEERING FIRM**  
**F-2144**

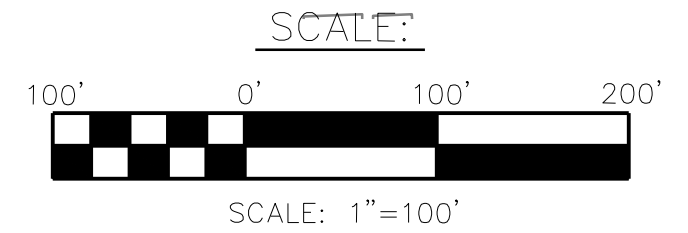
Office: MDC  
 User: MDC  
 [TCW122344] [FWCAD2.FREESE.COM] [N:\WR\10\STANDARD DRAWINGS\TRWD\_BDR\_1C\_PIPELINE.DWG] LAYOUT: Model  
 05/25/2012 11:54:19 A.M. LTS: 1 PLS: 1 TWST: 0



**CORROSION CONTROL NOTES:**

1. BOND PLATES REQUIRED FOR PCCP BOND AND TEST WIRE CONNECTIONS, SEE DETAIL (6) CP-503
2. BOND ALL PIPE JOINTS, SEE DETAIL (4) AND (5) CP-503
3. USE CAUTION DUE TO PROXIMITY OF THE NEW PIPE TO THE EXISTING RC PIPE AS WELL AS TO OTHER BURIED SECURITY/ELECTRICAL CABLES. ALL EXISTING TEST STATIONS THAT ARE DAMAGED SHALL BE REPLACED AND ALL ANODES THAT ARE DAMAGED SHALL BE ABANDONED AND REPLACED AS SHOWN IN DETAIL (2) CP-501
4. MAINTAIN A MINIMUM 2-INCH DISTANCE BETWEEN ALL REINFORCEMENT STEEL AND STEEL AND/OR CONCRETE PIPE.
5. CONTRACTOR SHALL SUPPLY THE MATERIALS (CRIMPS AND SOLDER, RING TERMINALS, NUTS, SHUNTS, BOLTS, SHORTING STRAPS, ETC.) FOR ASSEMBLING THE TERMINAL BOARDS IN THE TEST STATION TO TRWD CP STAFF FOR THEIR ASSEMBLY.

- Add BFV test stations at:
- 108" BFV on 2B2 STA 0+26.03
  - 90" BFV on 2D1 32+88.62
  - 72" BFV on 3D1 33+89.38
  - 90" BFV on 3D3 1+75.73
  - 54" BFV on 3D4 1+65.21
  - ~~48" BFV on 4A3 1+34.84~~
  - 48" BFV on 4A4 0+13.53
  - 108" BFV on 6B1 10+62.77



NO.	ISSUE	BY	DATE	JOB NO.
1	ISSUED FOR CONSTRUCTION	MJS	11/17/21	TCW12234B

DATE	NOVEMBER 2021
DESIGNED	MJS
DRAWN	AT
REVISED	MJS
CHECKED	MJS
FILE NAME	



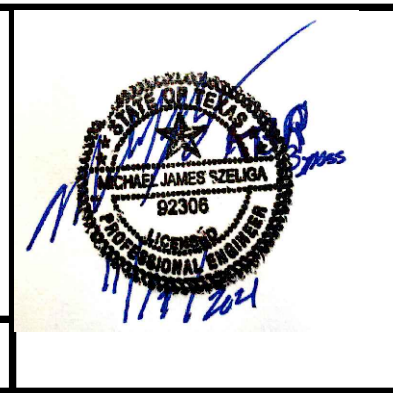
TARRANT REGIONAL WATER DISTRICT  
 KENNEDALE BALANCING RESERVOIR  
 YARD PIPING AND INLET AND OUTLET MODIFICATIONS  
 CORROSION PROTECTION LAYOUT

**FREESE & NICHOLS**  
 801 Cherry Street, Suite 2800  
 Fort Worth, Texas 76102  
 Phone - (817) 735-7300  
 Web - www.freeze.com

Freeze and Nichols, Inc.  
 Texas Registered Engineering Firm 2144

**ENEngineering**

EN Engineering  
 Texas Registered Engineering Firm 1507



ISSUED FOR CONSTRUCTION

VERIFY SCALE	0	1
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.		
SHEET	CP-101	
SEQ.	161	



Corrpro Companies, Inc.  
www.corrpro.com  
PH: 713.460.6000

# QUOTE

Quote #	37522 SQ
Page Number	1 of 1
Date	4/5/2023
Customer #	2813582
Business Unit	3403014

Sold To : CORRPRO PREFERRED CUSTOMER

Ship To : CORRPRO PREFERRED CUSTOMER

Request Date: 4/15/2023  
Customer Reference: Bar Constructors- Hunter  
Shipping Terms: Freight Pre-pay and Add  
Ship : quote valid 15 days  
Inst : del 2-3 weeks aro

Line	Req Dt	Description	Item Number	UOM	Quantity	Price	Extended Price
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Corrpro is pleased to provide the following quote for Cathodic Protection Materials. We also offer engineering design, installation and system testing services and would welcome the opportunity to provide you with turn-key pricing. If you have any questions regarding this quote, please feel free to contact the individual whose name appears below.

3.000	4/15/2023	ANODE ZN T2 2X2X60" 60# ASSY	54071441	EA	<del>15.00</del>	275.00	<del>4,125.00</del>
					<b>13</b>		<b>3,575.00</b>

PKGD 1/Bag STD 75/20/5 Mix Wire Length (FT): 50 #10 AWG RHW-2/USE-2 Stranded Black

4.000	4/15/2023	ANODE ZN T2 2X2X60" 60# ASSY	54071441	EA	<del>15.00</del>	275.00	<del>4,125.00</del>
					<b>13</b>		<b>3,575.00</b>

PKGD 1/Bag STD 75/20/5 Mix Wire Length (FT): 50 #10 AWG RHW-2/USE-2 Stranded Orange

5.000	4/15/2023	FAT FINK MODEL 600-B11Cs-P/S+8 SH09 COTT TEST STATION INCLUDES 6" X 6FT GALVANIZED PIPE	54959474	EA	<del>7.00</del>	495.00	<del>3,465.00</del>
					<b>6</b>		<b>2,970.00</b>

6.000	4/15/2023	BORIN SRE-022-CIY-ND W/ INTERRUPTER, 50FT #16/3 THHN/PVC BLACK	54959440	EA	<del>7.00</del>	752.00	<del>5,264.00</del>
					<b>6</b>		<b>4,512.00</b>

8.000	4/15/2023	WIRE #6 XLPE STR BLACK	54490961	FT	500.00	1.50	750.00
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9.000	4/15/2023	BACKFILL MIX 50# BAG 75/20/5 75% GYPSUM 20% BENTONITE 5% SS	54074799	BG	400.00	10.00	4,000.00
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APPROVED BY:

Subtotal: **19,382.00**  
Tax: **19,382.00**  
Total: ~~21,729.00~~  
Currency: USD

Terms : Net 30 Days





# TARRANT REGIONAL WATER DISTRICT

## AGENDA ITEM 9

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Contract Amendment with Freese and Nichols, Inc. for Integrated Pipeline Project Phase 3 Program and Construction Management Services

**FUNDING:** Dallas Contract Revenue Bonds

### RECOMMENDATION:

Management recommends approval of Contract Amendment Number 5 in an amount not-to-exceed **\$6,795,236** to Freese and Nichols, Inc. (FNI) Professional Services Agreement for Integrated Pipeline (IPL) Program and Construction Management Services. The current contract amount is \$18,186,089.23 and the revised not to exceed contract amount, including this Amendment 5, will be \$24,981,325.23. Phase 3 is the 100% Dallas section of the IPL and is being constructed by TRWD in accordance with our regional partnership agreement. Phase 3 is funded by Dallas.

### DISCUSSION:

Over the next two years, the Integrated Pipeline Program will be continuing design and construction of Dallas' Phase 3 Lake Palestine connection of the Integrated Pipeline System. There are currently seven Integrated Pipeline projects underway – five construction projects and two owner furnished equipment (OFE) projects. These construction and equipment projects span from present day through 2026 as follows:

	<b>Anticipated Final Complete</b>	<b>Contract Amount</b>	
<b>IPL Construction Contracts</b>			
PL19 TX Tunnel Crossing	Fall 2023	\$21,157,000	
PL19 Tunnel	Fall 2025	\$221,613,000	
PL192a	Summer 2025	\$55,863,000	(estimate)
PL191a	Spring 2025	\$75,110,000	(estimate)
LP1 Pump Station Intake and Wetwell (Package 1)	Fall 2025	\$32,347,000	(estimate)
<b>Owner Furnished Equipment Contracts</b>			
OFE12 – Full Port Valves at LP1 and 19-2	Fall 2024	\$2,300,000	(estimate)
OFE13 -- Pumps Motors Drives at LP1	Fall 2026	\$26,928,000	(estimate)
		<b>\$435,318,000</b>	

These Phase 3 construction and OFE contracts require continuing management of corresponding professional engineering services and construction materials, inspection,

and testing (CMIT) contracts. Design work will also be ongoing and completed for Dallas IPL Sections 19-1 and 19-2 and the Lake Palestine Pump Station Intake and Wetwell project during this same period.

The purpose of this Contract Amendment is to provide ongoing program and construction management services for the Integrated Pipeline Project. The current FNI contract expires on June 30, 2023. This amended contract is for the term beginning May 1, 2023 and ending April 30, 2025. An amendment will be submitted in March 2025 for approval of an additional two (2) year term to coincide with Dallas Phase 3 bond issues.

Total cost for FNI Amendment 5 services --	\$7,395,236
Remaining Amendment 4 services --	<u>\$600,000</u>
Total Amendment 5 value --	<b>\$6,795,236</b>

FNI will provide related Integrated Pipeline Program professional services in the following six program tasks:

1. Program management and construction management
2. Project construction management
3. Construction inspection
4. Environmental Services
5. FOPC Administration
6. Quarterly Reports

There are no requirements for consultants to meet DBE/HUB participation goals under the Fair Opportunities in Purchasing and Contracting Program for this Contract. The District intends to meet Program goals by selecting qualified DBE/HUB Consultants and contracting directly with these firms for services. FNI intends to subcontract 6.3% of the project work to qualified DBE/HUB firms under the Fair Opportunities in Purchasing and Contracting Program.

Management also requests the Board of Directors grant authority to the General Manager or his designee to execute all documents associated with the contract described herein.

This scope of work includes a Special Services Contingency for release only at the Program Manager's approval.

Included for reference are the Staff Recommendation, Fair Opportunity in Purchasing and Contracting and Fee Summary.

This item was reviewed by the Construction and Operations Committee on May 12, 2023.

**Submitted By:**

Ed Weaver  
IPL Program Manager

# Memo

**TO:** Alan Thomas

**FROM:** Ed Weaver

**DATE:** May 5, 2023

**SUBJECT:** Recommendation for Contract Amendment for IPL Program and Construction Management Services to Freese and Nichols, Inc.



Freese and Nichols, Inc. (FNI) provides Program and Construction Management Services for the IPL Program. This contract is a renewal of the contract for IPL Program Management services which expire on June 30, 2023. This contract is for the term beginning May 1, 2023 and ending April 30, 2025. Negotiations on proposed scope and fees produced an agreement on recommended scope, fees and contract terms and conditions.

There are no requirements for consultants to meet DBE/HUB participation goals under the Fair Opportunities in Purchasing and Contracting Program for this Contract. The District intends to meet Program goals by selecting qualified DBE/HUB Consultants and contracting directly with these firms for services. FNI intends to subcontract 6.3% of the project work to qualified DBE/HUB firms under the Fair Opportunities in Purchasing and Contracting Program.

Staff recommends award of this contract for Professional Services to Freese and Nichols, Inc. for IPL Program Management Services in the not to exceed amount of **\$6,795,236**.

The Fee Summary is attached.

**Fee Summary**  
**Freese and Nichols, Inc.**  
**IPL Program Management Services**

<b>Task No.</b>	<b>Description</b>	<b>Estimated Fee</b>
Contract with Freese and Nichols, Inc. for IPL Program Management Services From May 1, 2023 to April 30, 2025		
<b>Basic Services</b>		
100	Program Construction Manager	\$1,052,579.78
200	Project Construction Manager	\$1,236,181.96
400	Resident Project Representative	\$906,066.99
900	Environmental Services	\$398,970.66
1100	FOPC Administration – Williams and Hope	\$326,413.15
1200	Public Relations Editor – Shaeffer Creative	\$9,540.99
<b>Total Budget for Basic Services</b>		<b>\$3,929,753.54</b>
<b>Additional Services – Contingency to Basic Services</b>		
200	Project Construction Manager	\$1,229,751.96
400	Resident Project Representative	\$1,842,875.80
<b>Total Budget for Additional Services</b>		<b>\$3,072,506.76</b>
<b>Special Services</b>		
<b>Owner Controlled Contingency</b>		<b>\$392,975.70</b>
<b>Total Budget for Special Services</b>		<b>\$392,975.70</b>
<b>Total Budget for All Services</b>		<b>\$7,395,236.00</b>
<b>Amount Remaining from previous authorization</b>		<b>\$600,000.00</b>
<b>Additional amount requested under this authorization</b>		<b>\$6,795,236.00</b>

This scope of work includes a Additional Services and Special Services Contingencies to be released only with the IPL Program Manager’s approval.

## Fair Opportunity Purchasing

**Project:** Consider approval of contract amendment to contract with Freese and Nichols, Inc. for Program Management support services for the Integrated Pipeline (IPL).

Not to Exceed \$6,795,235.65

Freese and Nichols, Inc., a consulting company with its corporate offices in Fort Worth, Texas, has signed the IPL Project Fair Opportunity Purchasing documentation, and proposes to use the following sub-consultants:

**Project Category:** Engineering, Bid and Construction Services

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### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Local Contracts	\$6,402,260.30	100.0%
Non-Local Contracts	\$0.00	0.0%
Optional Supplemental Services	\$392,975.70	-
<b>Total This Agenda</b>	<b>\$6,795,236.00</b>	<b>100%</b>

---

### LOCAL/NON-LOCAL MWBE/HUB PARTICIPATION THIS ACTION

<u>Local</u>	<u>Certification</u>	<u>Percent</u>
Williams and Hope	MBE	4.8%
Shaffer Creative	WBE	0.1%
AmaTerra	MBE	1.4%

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**TARRANT REGIONAL WATER DISTRICT**

**AGENDA ITEM 10**

**DATE:** May 16, 2023

**SUBJECT: Consider Approval of Contract Amendment with Plus Six Engineering, LLC for Integrated Pipeline Project Phase 3 Program and Construction Management Services**

**FUNDING:** Dallas Contract Revenue Bonds

**RECOMMENDATION:**

Management recommends approval of Contract Amendment Number 5 **in an amount not-to-exceed \$10,433,000** to Plus Six Engineering, LLC (Plus6) Professional Services Agreement for Integrated Pipeline Project (IPL) Phase 3 Program and Construction Management Services. The current contract amount is \$15,665,237.10 and the revised not-to-exceed contract amount, including this Amendment 5, will be \$26,098,237.10. Phase 3 is the 100% Dallas section of the IPL and is being constructed by TRWD in accordance with our regional partnership agreement. Phase 3 is funded by Dallas.

**DISCUSSION:**

Over the next two years, the Integrated Pipeline Program will be continuing design and construction of Dallas’ Phase 3 Lake Palestine connection of the Integrated Pipeline System. There are currently seven Integrated Pipeline projects underway – five construction projects and two owner furnished equipment (OFE) projects. These construction and equipment projects span from present day through 2026 as follows –

	<b>Scheduled</b>	<b>Contract</b>
<b>IPL Construction Contracts</b>	<b>Final Complete</b>	<b>Amount</b>
PL19 TX Tunnel Crossing	Fall 2023	\$21,157,000
PL19 Tunnel	Fall 2025	\$221,613,000
PL192a	Summer 2025	\$55,863,000 (estimate)
PL191a	Spring 2025	\$75,110,000 (estimate)
LP1 Pump Station Intake and Wetwell (Package 1)	Fall 2025	\$32,347,000 (estimate)
<b>Owner Furnished Equipment Contracts</b>		
OFE12 – Full Port Valves at LP1 and 19-2	Fall 2024	\$2,300,000 (estimate)
OFE13 -- Pumps Motors Drives at LP1	Fall 2026	\$26,928,000 (estimate)
		<b>\$435,318,000</b>

These Phase 3 construction and OFE contracts require continuing management of

corresponding professional engineering services and construction materials, inspection, and testing (CMIT) contracts. Design work will also be ongoing and completed for Dallas IPL Sections 19-1 and 19-2 and the Lake Palestine Pump Station Intake and Wetwell project during this same period.

The purpose of this Contract Amendment is to provide ongoing program and construction management services for the Integrated Pipeline Project. The current contract with Plus6 expires on June 30, 2023. This amended contract is for the term beginning May 1, 2023 and ending April 30, 2025. An amendment will be submitted in March 2025 for approval of an additional two (2) year term to coincide with Dallas Phase 3 bond issues.

Total cost for Plus Six Amendment 5 services --	\$11,933,000
Remaining Amendment 4 services --	<u>\$ 1,500,000</u>
Total Amendment 5 value --	<b>\$10,433,000</b>

Plus6 will provide related Integrated Pipeline Program professional services in the following six program tasks –

1. Management and engineering support
2. Document controls
3. Land and Environmental Departments support
4. Cost controls
5. Project construction management
6. Tunnel advisor.

There are no requirements for consultants to meet DBE/HUB participation goals under the Fair Opportunities in Purchasing and Contracting Program for this Contract. Plus6 Engineering LLC, however, qualifies as a DBE/HUB firm under the Fair Opportunities in Purchasing and Contracting Program. Plus Six team also includes two subconsultants that qualify as DBE/HUB firms as well. The total FOPC participation for this amendment is 83%.

Management also requests the Board of Directors grant authority to the General Manager or his designee to execute all documents associated with the contract described herein.

This scope of work includes a Special Services Contingency for release only at the Program Manager's approval.

Included for reference are the Staff Recommendation, Fair Opportunity in Purchasing and Contracting and Fee Summary.

The Construction and Operations Committee reviewed this item on May 12, 2023.

**Submitted By:**

Ed Weaver  
IPL Program Manager

# Memo

**TO:** Alan Thomas

**FROM:** Ed Weaver

**DATE:** May 5, 2023

**SUBJECT:** Recommendation for Contract Amendment for IPL Program and Construction Management Services to Plus Six Engineering, LLC



Plus Six Engineering, LLC (PSE) provides Program and Construction Management Services for the IPL Program. This contract is a renewal of the contract for IPL Program Management services which expire on June 30, 2023. This contract is for the term beginning May 1, 2023 and ending April 30, 2025. Negotiations on proposed scope and fees produced an agreement on recommended scope, fees and contract terms and conditions.

There are no requirements for consultants to meet DBE/HUB participation goals under the Fair Opportunities in Purchasing and Contracting Program for this Contract. The District intends to meet Program goals by selecting qualified DBE/HUB Consultants and contracting directly with these firms for services. Plus Six Engineering LLC does however qualify as a DBE/HUB firm under the Fair Opportunities in Purchasing and Contracting Program.

Staff recommends award of this contract for Professional Services to Plus Six Engineering, LLC for IPL Program Management Services in the not to exceed amount of \$10,433,000.00.

The Fee Summary is attached.



**Fee Summary**  
**Plus Six Engineering, LLC.**  
**IPL Program Management Services**

<b>Task No.</b>	<b>Description</b>	<b>Estimated Fee</b>
Contract with Plus Six Engineering, LLC for IPL Program Management Services From May 1, 2023 to April 30, 2025		
<b>Basic Services -- As Planned and Scheduled</b>		
100	Program Management and Engineering Support	\$513,562.00
200	Document Controls Support	\$831,042.00
300	Land Department Support	\$711,414.00
400	Program Cost Control Support	\$732,241.00
500	Project Construction Management Support, Phase 3	\$6,201,953.00
600	Program Tunnel Advisor	\$871,315.00
<b>Total Budget for Basic Services</b>		<b>\$9,861,527.00</b>
<b>Additional Services – Contingency to Basic Services</b>		
100	Program Management and Engineering Support	\$716,255.00
500	Project Construction Management Support	\$876,604.00
<b>Total Budget for Additional Services</b>		<b>\$1,592,859.00</b>
<b>Special Services</b>		
Owner Controlled Contingency		\$478,614.00
<b>Total Budget for Special Services</b>		<b>\$478,614.00</b>
<b>Total Budget for All Services</b>		<b>\$11,933,000.00</b>
<b>Amount Remaining from previous authorization</b>		<b>\$1,500,000.00</b>
<b>Additional amount requested under this authorization</b>		<b>\$10,433,000.00</b>

This scope of work includes a Additional Services and Special Services Contingencies to be released only with the IPL Program Manager’s approval.

## Fair Opportunity Purchasing

**Project:** Consider approval of contract amendment to contract with Plus Six Engineering, LLC for Program Management support services for the Integrated Pipeline (IPL).

Not to Exceed \$10,433,000.00

Plus Six Engineering, LLC, an Engineering and Consulting company with local offices in Grapevine, Texas, has signed the IPL Project Fair Opportunity Purchasing documentation, and proposes to use the following sub-consultants:

**Project Category:** Engineering, Bid and Construction Services

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### LOCAL/NON-LOCAL CONTRACT SUMMARY

	<u>Amount</u>	<u>Percent</u>
Local Contracts	\$9,187,654.00	91.6%
Non-Local Contracts	\$839,494.00	8.4%
Optional Supplemental Services	\$405,852.00	-
<b>Total This Agenda</b>	<b>\$10,433,000.00</b>	<b>100%</b>

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### LOCAL/NON-LOCAL MWBE/HUB PARTICIPATION THIS ACTION

<u>Local</u>	<u>Certification</u>	<u>Percent</u>
Plus Six Engineering, LLC	WBE	64.5%
Lekha Tax, LLC	MBE	6.3%
TEC Consulting, LLC	MBE	11.7%

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## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 11

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Change Order to Contract with Traylor Sundt Joint Venture for Section 19 Long Tunnel Crossings of the Integrated Pipeline Project

**FUNDING:** Dallas Contract Revenue Bonds

#### **RECOMMENDATION:**

Management recommends approval of Change Order 7 in an amount not-to-exceed **\$117,863.47** with Traylor Sundt Joint Venture for changing three round manholes to four square manholes with ladders and landings. The current contract amount is \$221,591,438.78 and the revised not to exceed contract amount, including this change order, will be \$221,709,302.25.

#### **DISCUSSION:**

**Hollywood Lake Tunnel \$116,429.51** -- During negotiations with Traylor Sundt Joint Venture (TSJV) the Hollywood Lake alignment profile (depth of horizontal alignment) was adjusted resulting in a \$5,000,000 contract value reduction. The refined profile made the tunneling operation more efficient. The revised alignment, however, also impacted the location of three access manway vault locations. The revised tunnel profile requires larger vaults to accommodate ladders and landings for personnel access safety. The \$116,429.51 for the re-aligned vaults was overlooked during the final TSJV negotiations.

**State Highway 155 \$1,433.96** -- The open-cut pipeline profile perpendicular to and crossing State Highway 155 was raised slightly impacting an air/vacuum release valve elevation and its vault enclosure. The hydraulic transient study was updated incorporating the vertical alignment elevation changes resulting in a change from a single air release/vacuum valve to a double set or two air release/ vacuum valves. The double air/vacuum set-up and additional air release/vacuum valve now requires a larger vault.

TSJV's performance has been satisfactory to date and are working toward an anticipated final completion in 2025.

Staff recommendation and Tabulation of Change Order Items are included for reference.

Management requests that the General Manager or his designee be granted authority to execute all documents associated with the contract described herein.

This item was reviewed by the Construction and Operations Committee on May 12, 2023.

**Submitted By:**

Ed Weaver  
IPL Program Manager



# Memo

**TO:** Ed Weaver  
**FROM:** Charles Cameron  
**COPY:** Coy Veach, Shelly Hattan  
**DATE:** May 3, 2023  
**SUBJECT:** Consider Approval of a Change Order to the Contract with TSJV for the Section 19 Long Tunnel Crossings of Integrated Pipeline Project

The Hollivood Lake revised alignment, however has impacted locations of three access manway vault locations. This updated tunnel profile requires larger vaults to accommodate ladders and landings for personnel access safety. This \$116,429.51 for the re-aligned tunnel appurtenance and personnel access vaults was not included in the final TSJV contract value.

State Highway 155 \$1,433.96 -- The opencut pipeline profile at State Highway 155 was raised slightly that affected an air/vacuum release valve elevation and its vault enclosure. Because the pipeline elevation changed, the hydraulic transient study was rerun incorporating the vertical alignment elevation changes resulting in a modification from a single air release/vacuum valve to a double set or two air release/ vacuum valves. The double air/vacuum set-up and additional air release/vacuum valve now requires a larger vault.

The OPT recommends approval of Change Order 7 in the not-to-exceed amount of \$117,863.47 to TSJV for the work described above. The current contract amount is \$221,591,438.87 and the revised not to exceed contract amount, including this change order, will be \$221,709,302.25.

TSJV performance has been satisfactory to date.

**Tabulation of Change Order Items**  
**IPL Partners**  
**PL19TX of the Integrated Pipeline Project**  
**Change Order 0007**

<b>Item No.</b>	<b>Description</b>	<b>Reason for Modification</b>	<b>Net Change in Contract Price</b>
1	CP0019B Round MH Changed to Square MH with Ladder. Change the following 8' diameter precast manholes to rectangular precast manholes per detail 05500-005 on C-506.  <ul style="list-style-type: none"> <li>• MH 18 @ STA 716+99 (Sheet C-159)</li> <li>• MH 19 @ STA 718+50 (Sheet C-160)</li> <li>• MH 25 @ STA 821+00 (Sheet C-168)</li> </ul>	All three manholes are shown to be greater than 12' deep and require ladders.	\$ 116,429.51
2	CP0020 – SH155 Manholes	Shallowed up the CAV and increased size of manhole	\$1,433.96
<b>Total Value of Changes in Contract Price</b>			<b>\$117,863.47</b>

## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 12

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Contract with Garrett Demolition, Inc. for Demolition and Asbestos Abatement of South Bypass Channel-Package 1 for the Central City Flood Control Project

**FUNDING:** Fiscal Year 2023 Special Projects/Contingency Fund - \$323,402

#### **RECOMMENDATION:**

Management recommends approval of a contract **in an amount not-to-exceed \$381,893** with Garrett Demolition, Inc. for demolition and asbestos abatement of South Bypass Channel - Package 1 for the Central City Flood Control Project. In addition, management requests authorization of an additional 20% contingency to cover costs associated with any additional unforeseen demolition or abatement costs necessary should they be required, for a total budget authorization of \$458,272. Management also recommends that the General Manager or his designee be granted authority to execute all documents necessary to complete the transaction.

#### **DISCUSSION:**

The properties in Demolition Package 1 are located within the South Bypass Channel and are part of the property supplied by the District to USACE for the Central City Flood Control project. This project is required this year in order to maintain the Corps of Engineers' (USACE) schedule for Central City construction, which will improve flood protection for the City of Fort Worth, and to clear the area ahead of required City of Fort Worth utility relocations critical for the South Bypass Channel.

Garrett Demolition, Inc. will perform the following services as part of this contract for demolition and asbestos abatement of the site: site clearing, asbestos abatement, demolition of structures, hauling to local landfills, backfill, compaction and reestablishment of vegetation. While preparing the scope of work, more asbestos containing materials were found than originally anticipated resulting in increased bids as compared to the original budget. Furthermore, the scope associated with Alternate 1 is only required if the presence of asbestos is confirmed in an area that is currently inaccessible until after demolition begins. If asbestos is found, then Alternate 1 will be added to the contract with a change order, using part of the contingency funds from the additional 20% budget authorization. Disposal fees to the landfill(s) are paid under a separate District contract.

Competitive sealed proposals from two companies were received on May 2, 2023. An additional two proposals were determined to be non-conforming and were rejected. The

competitive sealed proposals were reviewed, and Garrett Demolition, Inc. had the best value to the District when evaluated with a base bid of \$381, 893, and with a base bid and Alternate 1 combined total of \$422,569. For the purposes of evaluation, bids were reviewed both with and without Alternate 1 being included, and the final results were the same. At this time, Management recommends award of the base bid (\$381,893) only, and if required, Alternate 1 will be addressed using part of the 20% contingency.

Garrett Demolition, Inc. is a Diverse Business and has subcontracted portions of the contract to four subcontractors resulting in an overall Diverse Business participation commitment of 92.17%. The following subcontractors are proposed as part of this contract: 1 Priority Environmental Services; Guaranteed Hydromulch, LLC (DB); Spooner & Associates (DB); SB Fleet-Lube (DB).

This item was reviewed by the Construction and Operations Committee on May 12, 2023.

**Submitted By:**

Kate Beck  
 Assistant Program Director  
 Central City Flood Control Project

<b>CENTRAL CITY SOUTH BYPASS CHANNEL          DEMOLITION AND ASBESTOS ABATEMENT - PACKAGE 1          TRWD CSP #23-123</b>							
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DEMOLITION AND ASBESTOS ABATEMENT	B	1	2	BASE PROPOSAL	ALTERNATE 1	TOTAL PROPOSAL	COMPLETION TIME
GARRETT DEMOLITION	X	X	X	\$381,893	\$40,676	\$422,569	47
VEIT NATIONAL, CORPORATION	X	X	X	\$492,385	\$29,130	\$521,515	79
PATRIOT DEMOLITION SERVICES, INC				NON-CONFORMING			
THE DEMO COMPANY				NON-CONFORMING			



## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 13

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Contract with Cole Construction, Inc. for Upper West Fork Maintenance Road / Trail Replacement

**FUNDING:** Fiscal Year 2023 General Fund Budget - \$450,000

#### **RECOMMENDATION:**

Management recommends approval of contract **in the amount of \$197,175.56** with Cole Construction, Inc. for the construction of Upper West Fork Maintenance Road / Trail Replacement.

#### **DISCUSSION:**

Most maintenance roads along the floodway serve as shared use trail. Approximately 4,500 feet of 7-foot-wide asphalt between White Settlement and Tucker Dam has become weathered and in need of replacement. This first phase will replace 2700 linear feet of weathered asphalt with 11 feet wide concrete trail. This new concrete will allow for a wider and more accommodating trail surface for all users. This project is in alignment with our strategic plan by meeting recreation demands brought by rapid growth and development of this area. The second phase will be addressed in future budgets as prioritized in the Recreation Master Plan.

The Invitation to Bid was advertised per statute and ten compliant bids were received. Cole Construction was the lowest bid offeror that will provide the best value for the District.

This item was reviewed by the Recreation Committee on May 10, 2023.

#### **Submitted By:**

Darrell Beason  
Chief Operations Officer



## Bid Tabulation

**ITB No.** 23-111  
**Description** UWF Trail Replacement  
**Due Date and Time** April 18, 2023 at 2:00 PM

<b>Company Name</b>	<b>Bid Amount</b>
Cole Construction, Inc.	\$197,175.56
Retzlaff Construction	\$239,630.00
Capko Concrete Structures LLC	\$255,963.00
Don Smith Concrete LLC	\$292,545.00
Greeniverse Construction, LLC	\$313,313.99
KenDo Contracting	\$313,499.47
C. Green Scaping, LP	\$327,718.00
Mikocorp LLC	\$332,992.68
North Rock Construction LLC	\$353,449.83
The Fain Group, Inc	\$417,528.06
David-Tehoungue Ltd Co	\$1,040,327.75

## TARRANT REGIONAL WATER DISTRICT

### AGENDA ITEM 14

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Consulting Agreement for Government Affairs

**FUNDING:** Fiscal Year 2023 Revenue Fund Budget

#### **RECOMMENDATION:**

Management recommends approval of a contract **in an annual amount of \$48,000** with Brinton Payne (“Payne”) for local government and agencies communications for one year with up to two (2) one year renewals

#### **DISCUSSION:**

The District has been asked to lead the efforts for a regional program for education and advocacy for the North Texas area. Consequently, the District needs the support of local governments in furthering the District’s conservation program for its customer cities and other efforts by the District. The District, with effective communication and education being provided to local governments, can increase the effectiveness of conservation as a water supply strategy. In addition to conservation efforts, other items or issues impacting the District may arise at a local level that will need information or discussions. Management has identified Payne as the most effective at providing strategic planning and education for the District.

This item was reviewed by the Administration and Policy Committee on May 11, 2023.

#### **Submitted By:**

Linda Christie  
Government Affairs Director

## **EXHIBIT A SCOPE OF WORK**

This Scope of Work (“SOW”) is effective June 1, 2023, and is a part of the contract between Brinton Payne (“Payne”) and the Tarrant Regional Water District, a Water Control and Improvement District (“TRWD”).

### **SERVICES**

Services cover anticipated activities and deliverables in support of communication, education and advocacy on behalf of TRWD

#### **Strategic Advice and Planning**

- Assist in the strategic development and planning of communication, education and advocacy on issues impacting the District

#### **Issue Advocacy**

- Provide advice and counsel on ways to promote awareness of issues vital to the success of the mission of TRWD

#### **Regular Monitoring and Reporting**

- Provide continuous updates on progress and other information affecting TRWD

**TARRANT REGIONAL WATER DISTRICT**

**AGENDA ITEM 16**

**DATE:** May 16, 2023

**SUBJECT:** Executive Session

**FUNDING:** N/A

**RECOMMENDATION:**

Section 551.071 of the Texas Government Code, for Private Consultation with its Attorney about Pending or Contemplated Litigation or on a Matter in which the Duty of the Attorney to the Governmental Body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas Clearly Conflicts with this Chapter; and

Section 551.072 of the Texas Government Code to Deliberate the Purchase, Exchange, Lease or Value of Real Property

**DISCUSSION:**

- Pending litigation
- Real property issues

**Submitted By:**

Alan Thomas  
Deputy General Manager

**TARRANT REGIONAL WATER DISTRICT**

**AGENDA ITEM 17**

**DATE:** May 16, 2023

**SUBJECT:** Consider Approval of Settlement of Claims in the Integrated Pipeline Project - DTY Ranch, LP (733) Lawsuit

**DISCUSSION:**

This agenda item is pending negotiations and is subject to review and approval by the TRWD Board of Directors.

Next Scheduled Board Meeting

June 20, 2023 at 9:00 AM