



FY2026 Groundwater Application for Groundwater Research, Science, and Data Collection Grants

A Proposal Submitted to the Texas Water Development Board for:

**Trinity Glen Rose Groundwater Conservation District
Groundwater Monitoring Network Expansion Scope of
Work**

Submitted March 12, 2026

Background

The karstic Trinity Aquifer (upper, middle, and lower zones, hereinafter referred to collectively as the Trinity Aquifer) is a major source of water for domestic, agriculture, industry, military, and communities in south-central Texas, including northern Bexar County (Figure 1). Most recharge to the Trinity Aquifer occurs as seepage from streams, such as Cibolo Creek, as they flow across the outcrops of the geologic units that contain these aquifers ([Sharp and Banner, 1997](#)). Karstic systems, like the Trinity Aquifer in northern Bexar County, typically can accept large volumes of recharge, creating slight to dramatic aquifer water level swings.

However, the recharge dynamics in the Trinity Glen Rose Groundwater Conservation District (“District” or “TGRGCD”) are quite different from the Trinity Aquifer throughout much of the Hill Country due to the complex faulting that produces rapid recharge through large recharge features, which are present in many areas of the District, the most prevalent being the Cibolo Creek area. Although this rapid recharge can occur in other isolated areas of the Trinity Aquifer in the Hill Country, it is a dominant recharge mechanism in the District. The substantial volume of localized recharge that periodically occurs during wet periods, such as flooding along Cibolo Creek, creates relatively large variations in water levels in the Trinity Aquifer within the District. When water levels are high, there is a natural hydraulic gradient that drives groundwater laterally to the southeast into the Edwards Aquifer. After groundwater is recharged to the Trinity Aquifer, the karstic nature of the formations allows the rapid movement of groundwater through the aquifer. The result can be large fluctuations in water levels in wells as groundwater moves quickly through the aquifer and settles.

While the Edwards Aquifer does receive large volumes of water from the Trinity Aquifer, water wells are also a primary source of discharge from the Trinity in northern Bexar County, with production from wells varying significantly based on water levels in the Trinity Aquifer. Establishing a robust monitoring system becomes critical as the area population within the District increased by approximately 60 percent from 2010 with a population of 194,274 to a population of 325,067 in 2020 based on the United States Census Bureau and continues to grow.

Water demand will continue to increase in the Hill Country, and this is expected to add more pressure to increase groundwater production from the Trinity Aquifer within the District. Production from the Trinity Aquifer within the District is primarily used for municipal purposes, with some production for domestic, irrigation, livestock and mining. While a majority of wells within the District are for domestic use, more than 50 percent of the groundwater produced is for public water supply and can reach up to 80 percent during wet climatic conditions.

Understanding groundwater levels in individual zones within the Trinity Aquifer is fundamental to understanding areas of groundwater depletion, groundwater recharge, and groundwater flow paths. All this information is critical for groundwater management, including for anticipating and mitigating against issues related to groundwater production, surface water –

groundwater interactions, the environment, and land use. The Trinity Aquifer is a vital water resource for the District and the Greater San Antonio area (Figure 1).

Figure 1. Image of Trinity Glen Rose Groundwater Conservation District boundaries (numbers represent Board Director precincts)

The construction and maintenance of a comprehensive groundwater monitoring network is a costly activity. Identifying favorable monitor well locations is time consuming, installation of monitoring equipment is expensive, and securing leasing is resource intensive. Well-reasoned and thoughtful monitoring objectives and approaches are essential before embarking on expansion of a monitoring well network.

A majority of existing groundwater wells in the District are for domestic use and producing with submersible pumps, making it challenging to identify static water wells for down-hole equipment with pressure transducers.

Expanding the District's monitor well network will improve data quality, hydrogeological data, provide more data points for essential calibration points for groundwater planning, and for local and regional Groundwater Availability Models. Boundary conditions of the Trinity Aquifer and faulting and recharge features are sensitive to model assumptions, making accurate data critical for improving Modeled Available Groundwater estimates and for long-term supply projections used across Groundwater Management Area 9 and in the State Water Plan. Expanding the network will allow the use of improved, modern equipment to apply the best available science for groundwater management.

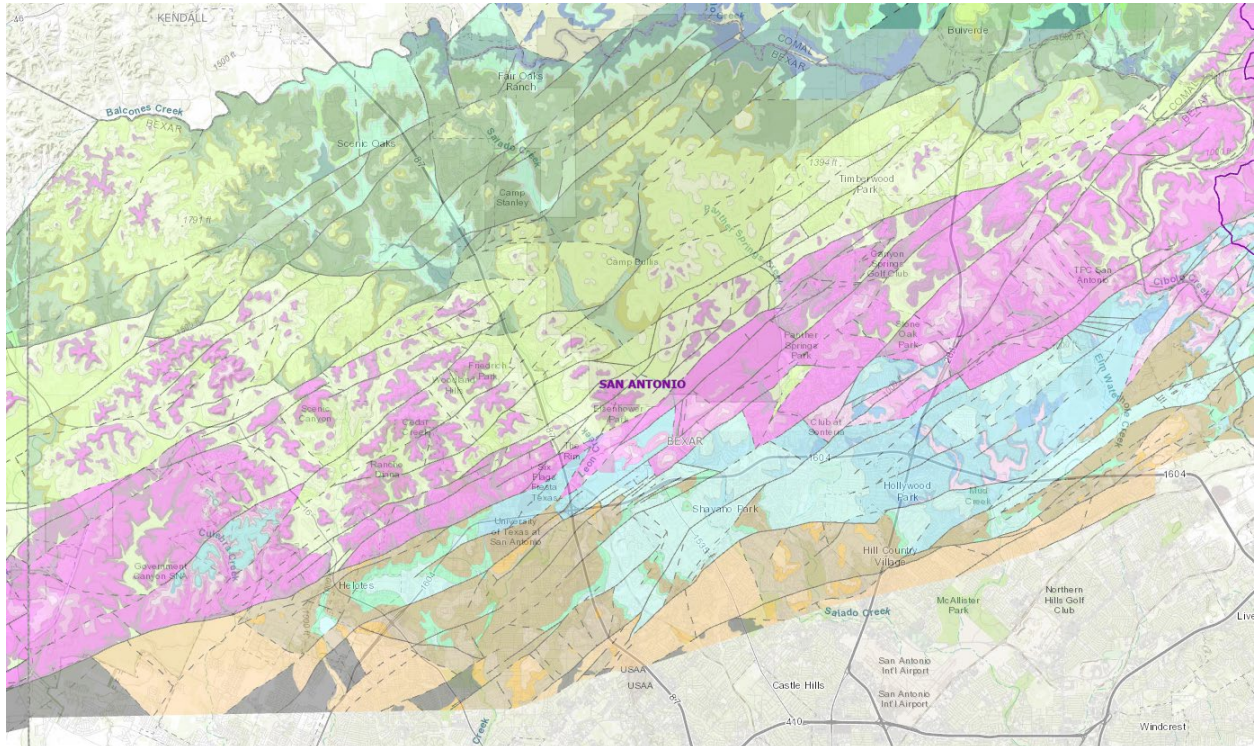


Figure 2. Surface Geology and Fault Map (*Edwards and Trinity Geology in Parts of South Central Texas*)

Objective

The objective of the project is to expand beyond the District's current 7-monitor well network and to obtain comprehensive water-level data within the Trinity Aquifer at private, existing well locations. This data will improve hydrogeological understanding, by providing more data points to fill knowledge gaps, increase data sharing, support and refine groundwater management and planning decisions at the District level. The obtained information will also contribute to and improve statewide data points and hydrogeologic data to improve the area Groundwater Availability Model with the best available science. The data will contribute to the identification of groundwater flow paths and understanding of where areas of groundwater depletion and recharge might be affecting the Trinity Aquifer.

Scope

The scope of the project will be within the Trinity Aquifer of the Trinity Glen Rose Groundwater Conservation District jurisdictional boundaries which includes northern Bexar County and small portions of Comal and Kendall counties within the City of Fair Oaks Ranch (Figure 1). Expansion of real-time groundwater level collection will occur during the life of the equipment and data will be made available to the public, TWDB, and regional partners.

Tasks

The project will be divided into 3 tasks:

1. Task 1: Well inventory, existing well integrity assessment, hydrogeologic data availability, well completion data availability, and establish groundwater monitor locations. (10-months, March 2026 – December 2026)
2. Task 2: Purchase and install monitor well equipment, instrument activation and data validation. (15-months, October 2026 – December 2027).
3. Task 3: Incorporate groundwater monitoring wells and water-level data measurements and compilation into the District's data stream. (17-months, January 2027 – May 2028)

Task 1: Well inventory, existing well integrity assessment, hydrogeologic data availability, well completion data availability, and establish groundwater monitor locations.

An initial well inventory and data compilation are needed prior to the purchase and installation of equipment to obtain water level measurements. Relevant historical data to be compiled will include drilling records, geophysical logs, and available records of pumping. Selected records will be converted from hard copy to digital format, if necessary. Once data is compiled, a well inventory will be conducted, which will be used for a data-gap analysis to identify where data are most critical to address project needs. Wells will be identified for monitoring in areas identified during the data-gap analysis.

Good candidate groundwater wells will go through an integrity assessment of the surface condition of the well and, if determined necessary, a downhole assessment. A downhole assessment can include water level meter tape measurement, total depth of well tagging, downhole camera, and/or a geophysical log. A partial downhole assessment would apply to wells with submersible pumps.

Once the inventory, data gap analysis, and assessment of wells is complete the District will confirm agreements with private well owners before installation of monitor equipment on any well.

This proposal is for the need to equip up to 5 groundwater wells with pressure transducers to monitor groundwater levels. Up to 10 groundwater wells will also be equipped with sonic meters to monitor groundwater levels. All information obtained from the equipment will be obtainable with telemetry technology. The wells to be monitored by sonic meter and pressure transducer will be identified during the data gap analysis. Placement of the pressure transducers and sonic meters

will be determined after the well inventory and data gap analysis is completed. Any real-time data from additional monitor well sites and compatible with the District's website will be available on its Monitor Well page, [WATER WELL MAPS | TrinityGlenRoseGCD](#).

Task 2: Purchase and install monitor well equipment, instrument activation and data validation.

The District will work with vendors to purchase crucial water level monitoring equipment for installation. To verify readings of pressure transducers and sonic meters, the District will need to purchase water level meter tapes of various lengths for ease of transport and to accommodate the range of water level depths across the District that can vary from 70' - 700' below ground surface. The purchase of a tag line will also be needed for verification of the total depth of wells being assessed. Equipment must not only be considered for ease of transport but also for accessibility and safety purposes. District staff will be responsible for the installation, activation, and validation of pressure transducer monitor well equipment. Staff of the Edwards Aquifer Authority have offered field assistance if needed and have provided a letter of support with in-kind services.

The District will work closely with vendors and specification guidelines to assure quality, precision, accuracy, and completeness of data generated. If vendors are available for installation of products that option will be selected to ensure quality installation.

Again, the District has identified the need to equip up to 5 groundwater wells with pressure transducers and equip up to 10 groundwater wells with sonic meters to monitor real-time groundwater levels. The wells to be monitored by sonic meter and pressure transducer will be identified during the data gap analysis discussed above. Placement of the pressure transducers and sonic meters will be determined after the well inventory and data gap analysis are complete.

Task 3: Incorporate groundwater monitoring wells and water-level data measurements and compilation into the District's data stream.

Once monitor well equipment is installed and verified for quality, precision, accuracy, and completeness, the chosen monitor well will be considered established and water-level data measurements will be active and a compilation of data will begin.

Estimated Completion Timeline for each Task

The project timeline is currently active; staff are in the process of reviewing well inventory, conducting data gap analysis, and assessing the conditions of wells for preparation of monitor well equipment installation. See the following proposed timeline, contingent upon any agreement with the Texas Water Development Board.

TGRGCD Groundwater Monitor Expansion Project Timeline

Year	2026		2027				2028				
	3/26-8/26	9/26-12/26	1/27-3/27	4/27-6/27	7/27-9/27	10/27-12/27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
ACTIVITY											
Task 1: Well inventory, assesment, data gap analysis, etc.											
Task 2: Purchase and install equipment, activate and validate data											
Task 3: Incorporate monitor wells and data measurements and compilation											
Deliverables of Tasks											

*Deliverables are dependent on when funding arrives.

Deliverables

Project updates on well identification, equipment purchases, and field activities will be provided to the TWDB on a quarterly basis or on a timeline negotiated and agreed upon. Water level data measurements will be available to the public through the District's website as available and may be compiled and submitted to TWDB once a year during their statewide water level data requests or any other method or time the TWDB requests the data. A final report on project results will be provided to the TWDB upon their request.

Quality Assurance Plan

Quality assurance and quality control (QA/QC) measures will be followed to ensure the quality, precision, accuracy, and completeness of the data generated during the project. The quality-assurance objectives are to provide data that: (1) withstand scientific scrutiny, (2) are obtained by methods appropriate for their intended use, and (3) are representative of known precision, accuracy, and comparability. The District will follow procedures and guidelines provided by vendors of equipment to meet the QA/QC. All data will be reviewed and archived by the District. The project and project budget will be reviewed by District management on a quarterly basis to ensure project timelines are met.

Project Team

- Amanda Maloukis, General Manager; primary contact, manages budget, schedule and any subcontractors and vendors. Subject matter expert, data collection, groundwater data collection, and well inventory. Equipment installation and management.
- Emily Green, Administrative Program Manager; data collection, well inventory, and financial administrator.
- Stuart Birnbaum, Board Director; Board liaison.
- John Siefert, Groundwater Consultant & P.E.; groundwater and geology expert.
- James Beach, Groundwater Consultant & P.G.; groundwater and geology expert.
- WellIntel staff; equipment vendor and installation.

District staff will oversee installation of the monitor well equipment, data analysis, provide vehicle fleet for site access and other equipment as needed and available from the District. In-kind resource services will be provided by District staff and in-kind services have been offered by the Edwards Aquifer Authority (letter attached).

Proposed Equipment Purchases

Proposed equipment purchases and associated costs are based on quotes valid as per date of submission that are subject to change. The proposed equipment is based on generalized well sites, therefore, the length of cable could change, including the cable reel size, which would slightly change needed funds requested. Although the District is asking for 5 pressure transducer units, there are consumable items included such as antennas and level sensors that are susceptible to damage, and batteries. An annual data services are required for data access during the project.

Water level meters and tag lines at various lengths are important for various well depths. The ability to reel meters in not only manually but also mechanically diminishes wear and tear per unit, eases transportation, and increases safety and accessibility for staff. There are consumables items included such as the flexible drill attachment for the power winder and the tape guides, as they are susceptible to damage.

Additional items to cover associated costs in establishing monitor sites, including miscellaneous and consumable items for the installation of devices, include parts, tools, and installation services. A well contingency cost for potential damage of wells or recovery of equipment downhole. Finally, attorney fees costs for landowner-well agreements in establishing the sites.

The proposed equipment purchases and associated costs estimated to be budgeted are provided on the following table.

In-Situ

Description	Cost per Unit	Number of Units	District funds	TWDB funds	Total Cost
Level TROLL 500, Level Sensor Range - 21m, 69 ft (30 Psig)	\$1,425.00	7	\$0.00	\$9,975.00	\$9,975.00
Rugged Twist-Lock Cable Vented Poly Twist-Lock No Adapter No Reel @400'(\$195 + \$4.75/foot)	\$2,095.00	3	\$0.00	\$6,285.00	\$6,285.00
Rugged Twist-Lock Cable Vented Poly Twist-Lock No Adapter No Reel @600'(\$195 + \$4.75/foot)	\$3,045.00	2	\$0.00	\$6,090.00	\$6,090.00
VuLink CI (Global Cellular, does not include antenna)	\$1,095.00	5	\$0.00	\$5,475.00	\$5,475.00
HydroVu Basic Prepaid Code (\$11/Month)*optional	\$132.00	2	\$0.00	\$264.00	\$264.00

HydroVu Professional Prepaid Code (\$22/month)*website compatible	\$264.00	2	\$0.00	\$528.00	\$528.00
VuLink 4G/LTE/2G Cellular Antenna with 1.5m cable (IP67, recommended for VuLink CI)	\$41.00	10	\$0.00	\$410.00	\$410.00
VuLink Lithium Battery Set (Lithium MnO2)	\$92.00	10	\$0.00	\$920.00	\$920.00
2-Year Extended Warranty	\$170.00	5	\$0.00	\$850.00	\$850.00
Small Steel Cable Reel (0-350ft / 0-107m)	\$335.00	3	\$0.00	\$1,005.00	\$1,005.00
Large Steel Cable Reel (300-1200ft / 91-366m)	\$665.00	5	\$0.00	\$3,325.00	\$3,325.00
TROLL Com Plus	\$599.00	5	\$0.00	\$2,995.00	\$2,995.00
Shipping	\$145.00	5	\$0.00	\$725.00	\$725.00
TOTAL			\$0.00	\$38,847.00	\$38,847.00

Solinist

Description	Cost per Unit	Number of Units	District funds	TWDB funds	Total Cost
102 Mk2 Water Level Meter, P10/N2/1000ft (Yellow)	\$1,596.00	1	\$0.00	\$1,596.00	\$1,596.00
102 Mk2 Water Level Meter, P10/N2/500ft (Yellow)	\$996.00	1	\$0.00	\$996.00	\$996.00
103 Tag Line (laser marked), 500ft c/w tape guide	\$751.00	1	\$0.00	\$751.00	\$751.00
103 Tag Line (laser marked), 1000ft c/w tape guide	\$1,244.00	1	\$0.00	\$1,244.00	\$1,244.00
101 Power Winder - SC1000/2000/3000	\$300.00	1	\$0.00	\$300.00	\$300.00
Flexible Drill Attachment for 101 Power Winder	\$74.00	2	\$0.00	\$148.00	\$148.00
Cinch Strap Set - 1" x 36" Orange (Set of 2)	\$26.00	1	\$0.00	\$26.00	\$26.00
Carry Case - Small	\$58.00	4	\$0.00	\$232.00	\$232.00
880 Stand-alone Field Table	\$77.00	1	\$0.00	\$77.00	\$77.00
101 Tape Guide for the Water Level Meter	\$14.00	6	\$0.00	\$84.00	\$84.00
Freight	\$300.00	1	\$0.00	\$300.00	\$300.00
TOTAL			\$0.00	\$5,754.00	\$5,754.00

*Solinist quote is valid through March 15, 2026.

WellIntel

Description	Cost per Unit	Number of Units	District funds	TWDB funds	Total Cost
WellIntel - ST Sensor (Water Level Measurement)	\$1,700.00	10	\$0.00	\$17,000.00	\$17,000.00
Solar-powered cellular base station (Remote Telemetry)	\$1,975.00	4	\$0.00	\$7,900.00	\$7,900.00
Analytics Dashboard, data services, historical data upload (Annual Cost-2year)	\$240.00	10	\$0.00	\$2,400.00	\$2,400.00
Cellular charges (Annual Cost-2year)	\$180.00	4	\$0.00	\$720.00	\$720.00
Field Work - sensor Installation & Calibration (Installation)	\$5,000.00	1	\$0.00	\$5,000.00	\$5,000.00
Field Work - standard travel charge (Installation)	\$2,500.00	1	\$0.00	\$2,500.00	\$2,500.00
Shipping Equipment Shipping Cost Estimate	\$1,000.00	1	\$0.00	\$1,000.00	\$1,000.00
Year 2 - Data Service Annual Costs	\$3,120.00	1	\$0.00	\$3,120.00	\$3,120.00
TOTAL			\$0.00	\$39,640.00	\$39,640.00

*WellIntel quote is valid through April 6, 2026

Miscellaneous

Description	Cost per Unit	Number of Units	District funds	TWDB funds	Total Cost
Miscellaneous materials for water level meters, installation of devices and contract install if needed	\$5,000.00	Misc.	\$0.00	\$5,000.00	\$5,000.00
Landowner Agreement Attorney Fees	\$300.00	15	\$0.00	\$4,500.00	\$4,500.00
Well Contingency	\$1,500.00	5	\$0.00	\$7,500.00	\$7,500.00
In-Kind Services (Labor & Fleet)	\$3,000.00	Misc.	\$3,000.00	\$0.00	\$3,000.00
TOTAL			\$3,000.00	\$17,000.00	\$20,000.00
COMBINED TOTAL			\$3,000.00	\$101,241.00	\$104,241.00

Project Budget

Project Budget

Item/Tasks	Description	District Funds	TWDB funds	Total Cost
1	Well inventory, existing well integrity assessment, hydrogeologic data availability, well completion data availability, and establish groundwater monitor locations. (Purchase water level tapes and tag line, Misc. items)	\$0.00	\$5,754.00	\$5,754.00
2	Purchase and install monitor well equipment and active and validate data. (purchase pressure transducer and sonic meter equipment, Misc. items)	\$0.00	\$78,487.00	\$78,487.00
3	Establish groundwater monitors wells and water-level data measurements and compilation.	\$0.00	\$0.00	\$0.00
4	Miscellaneous: installation tools, supplies, possible contract install, well contingency, and land owner agreement attorney cost.	\$0.00	\$17,000.00	\$17,000.00
5	District In-kind services (labor & staff to install measuring devices and fleet services)	\$3,000.00	\$0.00	\$3,000.00
TOTAL		\$3,000.00	\$101,241.00	\$104,241.00

References

Sharp, J.M., Banner, J.L., 1997, The Edwards Aquifer: a resource in conflict, GSA Today, v. 7 (8), p. 1-9.

U.S. Geological Survey, 2026, Edwards and Trinity Geology in Parts of South Central Texas, accessed March 6, 2026 at:

<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=d83b586165054d649573a04169287bc2>

Appendix A – Affidavit of Individual with authority to act on behalf of the applicant

Affidavit of Eligibility and Authority to Act on behalf of the
Trinity Glen Rose Groundwater Conservation District

BEFORE ME, the undersigned authority, on this day personally appeared Amanda Maloukis, who being duly sworn on her oath, says and deposes as follows:

"My name is Amanda Maloukis. I am the General Manager (title) of Trinity Glen Rose Groundwater Conservation District (name of entity). I have been authorized by Trinity Glen Rose Groundwater Conservation District (name of entity) to give this affidavit. I am of sound mind, over eighteen (18) years of age, and have never been convicted of a felony or of a crime involving moral turpitude. My address is 12555 State HWY 211, San Antonio, TX 78254. I have personal knowledge of the facts stated herein, and they are true and correct.

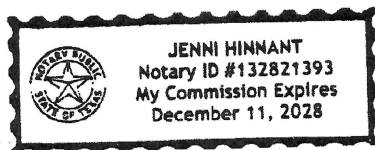
1. I am the individual with the authority to act on behalf of the Trinity Glen Rose Groundwater Conservation District ("TGRGCD"). The TGRGCD Board of Directors took action at its February 19, 2026 public Board Meeting, to authorize Amanda Maloukis, the TGRGCD General Manager, to prepare and submit an application to the Texas Water Development Board ("TWDB") for funds available under the Groundwater Research, Science, and Data Collection Grants for Groundwater Data Collection Projects to assist TGRGCD in carrying out its groundwater level monitoring program, including but not limited to well monitoring equipment to expand TGRGCD's monitor well network.
2. I have the authorization to submit to the TWDB an application for its Groundwater Research, Science, and Data Collection Grants for Groundwater Data Collection on behalf of TGRGCD for groundwater monitoring network expansion.
3. The amount requested is \$101,241.00. The grant funds will supplement, not replace, District funds.
4. The District's General Manager is designated as the District contact regarding the application.
5. The District is authorized to accept the grant under §36.158 of the Texas Water Code and enter into the associated contract.

FURTHER AFFIANT SAYETH NOT."

Signed Amanda Maloukis
Authorized representative of Applicant

SWORN AND SUBSCRIBED to before me on this the 4th day of March, 2026.

(Notary Seal)



Jenni Hinnant
Notary Public in and for the State of Texas
My Commission
Expires: December 11, 2026

Appendix B – Equipment Quotes



In-Situ, Inc.
221 E. Lincoln Avenue
Fort Collins, CO 80524
U.S.A.

Tel: (800) 446-7488
Fax: (970) 498-1598
Email: sales@in-situ.com
Web: www.in-situ.com

Quote – Q-161167

Issued By: Cody Preiss
Date: March 4, 2026
Quote Valid for 30 days

Sales Manager	Customer ID	Payment Terms	Shipping Method	INCO Terms	Final Destination
Mark Null			FedEx Ground		United States Texas

Quote To:
Trinity Glen Rose Groundwater Conservation District 6335 Camp Bullis Rd, Suite 25 San Antonio, Texas 78257 United States
Attn:
Amanda Maloukis manager@tgrgcd.org (210) 698-1155

Ship To:
Trinity Glen Rose Groundwater Conservation District 6335 Camp Bullis Rd, Suite 25 San Antonio, Texas 78257 United States
Comments:

Equipment						
Line	Product Description	Part Number	Unit of Sale	Qty.	Unit Price	Total Price
1.	Level TROLL 500, Level Sensor Range - 21m, 69 ft (30 Psig)	0089020	Each	1	\$1,425.00	\$1,425.00
2.	Rugged Twist-Lock Cable Vented Poly Twist-Lock No Adapter No Reel	0052000 VENTED POLY TWISTLOCK NO_ADAPTER NO_REEL	50ft	1	\$430.00	\$430.00
3.	VuLink CI (Global Cellular, does not include antenna)	0094840	Each	1	\$1,095.00	\$1,095.00
4.	HydroVu Basic Prepaid Code (Months)	0102500	Each	12	\$11.00	\$132.00
5.	VuLink 4G/LTE/2G Cellular Antenna with 1.5m cable (IP67, recommended for VuLink CI)	0043630	Each	1	\$41.00	\$41.00
6.	VuLink Lithium Battery Set (Lithium MnO2)	0103050	Each	1	\$92.00	\$92.00
7.	2-Year Extended Warranty	0063030	Each	1	\$170.00	\$170.00
8.	Water Level Meter 100 (1000 ft) Polyethylene Reinforced With Kevlar	0082750	Each	1	\$1,815.00	\$1,815.00
9.	Small Steel Cable Reel (0-350ft / 0-107m)	2214-0004	Each	1	\$335.00	\$335.00
10.	Large Steel Cable Reel (300-1200ft / 91-366m)	2214-0005	Each	1	\$665.00	\$665.00
					Subtotal:	\$6,200.00

Optional						
Line	Product Description	Part Number	Unit of Sale	Qty.	Unit Price	Total Price
11.	TROLL Com Plus (Twist Lock/Cable Connect Version)	0104030	Each	1	\$599.00	\$599.00
12.	Water Level Meter 200 (1000 ft) High Tensile Steel With Polyethylene Jacket	0082870	Each	1	\$2,380.00	\$2,380.00
					Subtotal:	\$2,979.00



In-Situ, Inc.
221 E. Lincoln Avenue
Fort Collins, CO 80524
U.S.A.

Tel: (800) 446-7488
Fax: (970) 498-1598
Email: sales@in-situ.com
Web: www.in-situ.com

Quote – Q-161167

Issued By: Cody Preiss
Date: March 4, 2026
Quote Valid for 30 days

Quote Total

Tax is not normally quoted due to State & local variability. If you need to have Tax included in this quotation, please contact us.

If your organization is a tax-exempt entity, please email or fax a copy of your tax-exempt certificate to taxcerts@in-situ.com or fax to (970) 498-1598.

Tax rates will be based on delivery address of the order. If your organization qualifies for GSA pricing, please verify eligibility requirements on the GSA website at [GSA Eligibility Determinations](#) and confirm if you intend to use the GSA contract for this purchase.

Sales Tax: \$0.00

For further information regarding the Warranty or Terms and Conditions, please refer to our website at <http://in-situ.com/terms-conditions/>

All quoted product & service prices are in U.S. Dollars unless specifically noted otherwise.

Shipping: \$145.00

Total Amount (Excludes Optional Items): USD \$6,345.00

Managing your data has never been this easy!

Our intuitive [VuSitu Mobile App](#) allows you to view data from the field on your smartphone or tablet. For long-term or remote sites, integrate In-Situ instruments with our [wireless telemetry systems](#) and cloud-based [HydroVu Data Services](#) for real-time, decision-quality data. Ask your sales rep for more information.





In-Situ, Inc.
221 E. Lincoln Avenue
Fort Collins, CO 80524
U.S.A.

Tel: (800) 446-7488
Fax: (970) 498-1598
Email: sales@in-situ.com
Web: www.in-situ.com

Quote – Q-161167

Issued By: Cody Preiss
Date: March 6, 2026
Quote Valid for 30 days

Quote Total

Tax is not normally quoted due to State & local variability. If you need to have Tax included in this quotation, please contact us.

If your organization is a tax-exempt entity, please email or fax a copy of your tax-exempt certificate to taxcerts@in-situ.com or fax to (970) 498-1598.

Tax rates will be based on delivery address of the order. If your organization qualifies for GSA pricing, please verify eligibility requirements on the GSA website at [GSA Eligibility Determinations](#) and confirm if you intend to use the GSA contract for this purchase.

Sales Tax: \$0.00

For further information regarding the Warranty or Terms and Conditions, please refer to our website at <http://in-situ.com/terms-conditions/>

All quoted product & service prices are in U.S. Dollars unless specifically noted otherwise.

Shipping: \$145.00

Total Amount (Excludes Optional Items): USD \$6,477.00

Managing your data has never been this easy!

Our intuitive [VuSitu Mobile App](#) allows you to view data from the field on your smartphone or tablet. For long-term or remote sites, integrate In-Situ instruments with our [wireless telemetry systems](#) and cloud-based [HydroVu Data Services](#) for real-time, decision-quality data. Ask your sales rep for more information.



Customer/Prospect #: 23186

Date Printed: Mar-04-2026

Quote Date: Mar-04-2026

Bill To:

 Trinity Glen Rose GCD
 12274 Bandera Rd., Ste. 106
 Helotes TX 78023
 UNITED STATES

Ship To: 0

 Trinity Glen Rose GCD
 12274 Bandera Rd., Ste. 106
 Helotes TX 78023
 UNITED STATES

 Solinst Canada Ltd.
 35 Todd Road
 Georgetown ON L7G 4R8
 Canada
 Fax: 905-873-1992/800-516-9081
 Phone: 905-873-2255/800-661-2023

Attention: Amanda Maloukis
 210-698-1155

Attention:
email: instruments@solinst.com
web: www.solinst.com

Quote Expiration	Ship Via	Shipping Terms	Duty & Brokerage	HST/PST	GST		State Tax	Terms	
Mar-15-2026	UPSG	FCA	Collect	TAX 0%	GST EX		Customer remit	Credit Card	
Qty	Part#	Description		U-M	List Price	Disc 1	Disc 2	Net Price	Ext Price
1.00	114882	102 Mk2 Water Level Meter, P10/N2/1000ft (Yellow)		EA	1,596.00	0.00	0.00	1,596.000	1,596.00
1.00	114879	102 Mk2 Water Level Meter, P10/N2/750ft (Yellow)		EA	1,296.00	0.00	0.00	1,296.000	1,296.00
1.00	114876	102 Mk2 Water Level Meter, P10/N2/500ft (Yellow)		EA	996.00	0.00	0.00	996.000	996.00
1.00	106305	103 Tag Line (laser marked), 1000ft c/w tape guide		EA	1,244.00	0.00	0.00	1,244.000	1,244.00
1.00	116159	101 Power Winder - SC1000/2000/3000		EA	300.00	0.00	0.00	300.000	300.00
1.00	116199	Flexible Drill Attachment for 101 Power Winder		EA	74.00	0.00	0.00	74.000	74.00
1.00	116059	Cinch Strap Set - 1" x 36" Orange (Set of 2)		EA	26.00	0.00	0.00	26.000	26.00
1.00	102974	Carry Case - Small		EA	58.00	0.00	0.00	58.000	58.00
1.00	115312	880 Stand-alone Field Table		EA	77.00	0.00	0.00	77.000	77.00
1.00	103921	101 Tape Guide for the Water Level Meter		EA	14.00	0.00	0.00	14.000	14.00

Warranty Notice: All Solinst products are covered by our Limited Warranty, which provides three years of protection against defects in materials and workmanship unless otherwise stated for specific products. Full warranty terms, including product-specific coverage, exclusions, and claim procedures, are available upon request or at www.solinst.com/about-us/solinst-warranty.

Estimate valid up to and including March 15th 2026. For orders received on March 16th onwards, new 2026 pricing will apply.

Sale Amount:	5,681.00
Order Disc(0.0000%):	0.00
Surcharge:	N/A
Freight	0.00
Misc Charges:	0.00
GST:	0.00
HST/PST:	0.00
Total Amount:	5,681.00
	US Dollar

E&OE

Freight extra unless otherwise indicated

Please allow additional time for transit

ALL PRICES ARE SUBJECT TO PRODUCT AVAILABILITY AT TIME OF ORDER

Customer/Prospect #: 23186

Date Printed: Mar-04-2026

Quote Date: Mar-04-2026

Bill To:

Trinity Glen Rose GCD
12274 Bandera Rd., Ste. 106
Helotes TX 78023
UNITED STATES

Ship To: 0

Trinity Glen Rose GCD
12274 Bandera Rd., Ste. 106
Helotes TX 78023
UNITED STATES

Solinst Canada Ltd.

35 Todd Road

Georgetown ON L7G 4R8

Canada

Fax: 905-873-1992/800-516-9081

Phone: 905-873-2255/800-661-2023

Attention: Amanda Maloukis
210-698-1155

Attention:

email: instruments@solinst.com

web: www.solinst.com

Quote Expiration		Ship Via	Shipping Terms	Duty & Brokerage	HST/PST	GST		State Tax		Terms	
Mar-15-2026		UPSG	FCA	Collect	TAX 0%	GST EX		Customer remit		Credit Card	
Qty	Part#	Description				U-M	List Price	Disc 1	Disc 2	Net Price	Ext Price

Salesperson: Revelle, Joe

SIGNATURE _____

Customer/Prospect #: 23186

Date Printed: Mar-06-2026

Quote Date: Mar-04-2026

Bill To:

 Trinity Glen Rose GCD
 12274 Bandera Rd., Ste. 106
 Helotes TX 78023
 UNITED STATES

Ship To: 0

 Trinity Glen Rose GCD
 12274 Bandera Rd., Ste. 106
 Helotes TX 78023
 UNITED STATES

 Solinst Canada Ltd.
 35 Todd Road
 Georgetown ON L7G 4R8
 Canada
 Fax: 905-873-1992/800-516-9081
 Phone: 905-873-2255/800-661-2023

Attention: Amanda Maloukis
 210-698-1155

Attention:
email: instruments@solinst.com
web: www.solinst.com

Quote Expiration	Ship Via	Shipping Terms	Duty & Brokerage	HST/PST	GST		State Tax	Terms	
Mar-15-2026	UPSG	FCA	Collect	TAX 0%	GST EX		Customer remit	Credit Card	
Qty	Part#	Description		U-M	List Price	Disc 1	Disc 2	Net Price	Ext Price
1.00	114882	102 Mk2 Water Level Meter, P10/N2/1000ft (Yellow)		EA	1,596.00	0.00	0.00	1,596.000	1,596.00
1.00	114879	102 Mk2 Water Level Meter, P10/N2/750ft (Yellow)		EA	1,296.00	0.00	0.00	1,296.000	1,296.00
1.00	114876	102 Mk2 Water Level Meter, P10/N2/500ft (Yellow)		EA	996.00	0.00	0.00	996.000	996.00
1.00	106305	103 Tag Line (laser marked), 1000ft c/w tape guide		EA	1,244.00	0.00	0.00	1,244.000	1,244.00
1.00	116159	101 Power Winder - SC1000/2000/3000		EA	300.00	0.00	0.00	300.000	300.00
1.00	116199	Flexible Drill Attachment for 101 Power Winder		EA	74.00	0.00	0.00	74.000	74.00
1.00	116059	Cinch Strap Set - 1" x 36" Orange (Set of 2)		EA	26.00	0.00	0.00	26.000	26.00
1.00	102974	Carry Case - Small		EA	58.00	0.00	0.00	58.000	58.00
1.00	115312	880 Stand-alone Field Table		EA	77.00	0.00	0.00	77.000	77.00
1.00	103921	101 Tape Guide for the Water Level Meter		EA	14.00	0.00	0.00	14.000	14.00

Warranty Notice: All Solinst products are covered by our Limited Warranty, which provides three years of protection against defects in materials and workmanship unless otherwise stated for specific products. Full warranty terms, including product-specific coverage, exclusions, and claim procedures, are available upon request or at www.solinst.com/about-us/solinst-warranty.

Estimate valid up to and including March 15th 2026. For orders received on March 16th onwards, new 2026 pricing will apply.

Sale Amount:	5,681.00
Order Disc(0.0000%):	0.00
Surcharge:	N/A
Freight	300.00
Misc Charges:	0.00
GST:	0.00
HST/PST:	0.00
Total Amount:	5,981.00
	US Dollar

E&OE

Freight extra unless otherwise indicated

Please allow additional time for transit

ALL PRICES ARE SUBJECT TO PRODUCT AVAILABILITY AT TIME OF ORDER

Customer/Prospect #: 23186

Date Printed: Mar-06-2026

Quote Date: Mar-04-2026**Bill To:**

Trinity Glen Rose GCD
12274 Bandera Rd., Ste. 106
Helotes TX 78023
UNITED STATES

Ship To: 0

Trinity Glen Rose GCD
12274 Bandera Rd., Ste. 106
Helotes TX 78023
UNITED STATES

Solinst Canada Ltd.

35 Todd Road

Georgetown ON L7G 4R8

Canada

Fax: 905-873-1992/800-516-9081

Phone: 905-873-2255/800-661-2023

Attention: Amanda Maloukis
210-698-1155**Attention:****email:** instruments@solinst.com**web:** www.solinst.com

Quote Expiration		Ship Via	Shipping Terms	Duty & Brokerage	HST/PST	GST		State Tax	Terms	
Mar-15-2026		UPSG	FCA	Collect	TAX 0%	GST EX		Customer remit	Credit Card	
Qty	Part#	Description			U-M	List Price	Disc 1	Disc 2	Net Price	Ext Price

Salesperson: Revelle, Joe**SIGNATURE** _____

Trinity Glen Rose GCD 2026 10-system Network Expansion				
6 Local Monitoring Systems - battery powered using local internet		Date:	5 March 2026	
4 Remote Monitoring Systems - solar-powered remote cellular connection		Valid until:	5 April 2026	
Item	Quantity	Ea	Total	
Budget Estimate:				
Equipment				
Equipment - water level measurement				
WellIntel - ST Sensor	10	\$1,700	\$17,000	
Equipment - remote telemetry				
Solar-powered cellular base station	4	\$1,975	\$7,900	
Data Services				
Data Service - Annual cost				
Analytics Dashboard, data services, historical data upload	10	\$240	\$2,400	
Cellular charges	4	\$180	\$720	
Network Initiation				
Installation				
Field Work - sensor Installation & Calibration -	1	\$5,000	\$5,000	
Field Work - standard travel charge	1	\$2,500	\$2,500	
Shipping				
Equipment Shipping Cost Estimate	1	\$1,000	\$1,000	
Year 1 Budget Estimate all entries above			\$36,520	
Year 2 Budget Estimate only Data Service - Annual costs			\$3,120	
Total 2-Year Project Budget Estimate			\$39,640	
Warranty: WellIntel warrants that the product will be free from defects in materials and workmanship for a period of two (2) year from the date of delivery.				
Privacy: WellIntel takes data privacy and security very seriously. Our systems are designed for end to end security and privacy with device-level encryption. Network owners control privacy and sharing settings.				
Replacement Components: Budget Estimates do not include replacement components (batteries, sounders) after the period of warranty				

Appendix C – Letter of Support



March 10, 2026

The Honorable Members of the
Texas Water Development Board
1700 North Congress Avenue,
Austin, Texas 78701

**Re: Letter of Support for Trinity Glen Rose Groundwater Conservation District
Groundwater Research, Science, and Data Collection Grant Application**

Dear Chairwoman Stepney and Members of the Board:

I am pleased to submit this letter of support for the Trinity Glen Rose Groundwater Conservation District's ("TGRGCD") application to the Texas Water Development Board ("TWDB") for a Groundwater Research, Science, and Data Collection Grant.

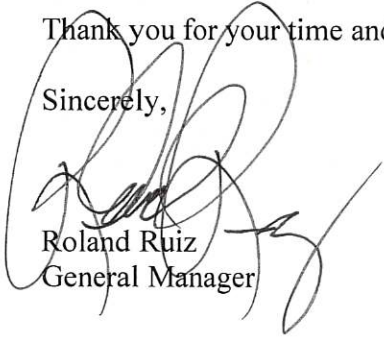
The TGRGCD seeks grant funding to expand its monitoring well network to help obtain comprehensive water-level data within the Trinity Aquifer. The Edwards Aquifer Authority ("EAA") is highly supportive of the proposed project as it will help inform appropriate groundwater management and policy development, based on best-available science, for the Trinity Aquifer. In addition, because of the natural communication between the Trinity and Edwards aquifers, the data obtained from the proposed project stands to inform the EAA's understanding of interformational flows.

If approved, the EAA will provide in-kind services to TGRGCD in the form of field assistance, to include, but not be limited to, helping to identify monitoring wells, implement appropriate equipment, and collect data.

For these reasons, I respectfully urge the Texas Water Development Board to favorably consider TGRGCD's application and to award the grant funds it has requested.

Thank you for your time and consideration.

Sincerely,


Roland Ruiz
General Manager