



MEMORANDUM

TO: BCWD Board of Managers

FROM: Aaron DeRusha, WCD

DATE: 2/3/2025

RE: BCWD Water Monitoring Equipment Purchase Request

The watershed district has been replacing its inventory of four Hydrolab HL4 multiparameter sondes used to log continuous temperature, dissolved oxygen, pH, specific conductivity, and turbidity at the Highway 15, McKusick Road, Stonebridge, and Outlet monitoring stations on Brown's Creek with more reliable equipment. The sondes have been found to be unreliable for reasons previously described in memos to the Board of Managers, including persistent sensor and computer board failures. In addition to unreliable data, the cost to repair the sondes to date has exceeded the original cost of each sonde, and those costs are no longer covered by a manufacturer warranty. The last remaining HL4 deployed at Highway 15 failed several times throughout 2024, resulting in significant periods of lost data.

The watershed district has previously purchased three YSI EXO 3 sondes as replacements. These sondes are costly, but have proven to be reliable. After reviewing equipment in the market and consulting with partner agencies that are using similar equipment in comparable deployment scenarios for recommendations, it is recommended the watershed district purchase an In-Situ Aqua TROLL 500 with VuLink device. Based on recent quotes, this sonde is roughly 40% less expensive than the comparable YSI EXO 3, and has the added benefit of remote access via cellular connection for data retrieval and to confirm the sonde is logging as desired. Staff at Metropolitan Council have been using this model for three years and have provided positive reviews of their experiences with them. The cost for an In-Situ Aqua TROLL 500 with VuLink is \$8,775.00 as noted in the attached quote. The equipment will be purchased on behalf of Browns Creek Watershed District by Washington Conservation District (WCD). Browns Creek Watershed District will retain ownership of the equipment, and reimburse WCD for the expenses.

Requested board action: Approve purchase of equipment as described above, and payment not to exceed \$9,000 to Washington Conservation District for reimbursement.



Quote – Q-139031

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

Issued By: Elizabeth Cook
Date: February 3, 2025
Quote Valid for 30 days

Sales Manager Elizabeth Cook	Customer ID	Payment Terms CREDIT PENDING	Shipping Method FedEx Ground	INCO Terms	Final Destination United States Minnesota
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Quote To: Washington County Conservation Dist 455 Hayward Ave N Oakdale, Minnesota 55128 United States
Attn: Aaron DeRusha aderusha@mnwcd.org 651-796-2231

Ship To: Washington County Conservation Dist 455 Hayward Ave N Oakdale, Minnesota 55128 United States
Comments:

Equipment						
Line	Product Description	Part Number	Unit of Sale	Qty.	Unit Price	Total Price
1.	Aqua TROLL 500, Non-Pressure	0050710	Each	1	\$1,595.00	\$1,595.00
2.	Aqua TROLL 500/600 Wiper	0063500	Each	1	\$1,235.00	\$1,235.00
3.	Aqua TROLL Temperature/Conductivity Sensor	0063460	Each	1	\$1,045.00	\$1,045.00
4.	Aqua TROLL pH/ORP Sensor	0063470	Each	1	\$820.00	\$820.00
5.	Aqua TROLL Turbidity Sensor	0063480	Each	1	\$1,195.00	\$1,195.00
6.	Aqua TROLL RDO Sensor (includes RDO-X Cap)	0063450	Each	1	\$1,195.00	\$1,195.00
7.	Rugged Twist-Lock Cable, Non-Vented, TPU, No Reel, Twist-Lock,	0052000-POLY-NONE-TWISTLOCK-	20ft	1	\$248.00	\$248.00
8.	VuLink CI (Global Cellular, does not include antenna)	0094840	Each	1	\$995.00	\$995.00
9.	VuLink 4G/LTE/2G Cellular Antenna with 1.5m cable (IP67, recommended for VuLink CI)	0043630	Each	1	\$39.00	\$39.00
10.	VuLink Lithium Battery Set (Lithium MnO2)	0103050	Each	1	\$87.00	\$87.00
11.	HydroVu Professional Prepaid Code (Months)	0102510	Each	8	\$22.00	\$176.00
Subtotal:						\$8,630.00

Quote Total	
<p><i>Tax is not normally quoted due to State & local variability. If you need to have Tax included in this quotation, please contact us.</i></p> <p><i>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.</i></p> <p><i>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.</i></p> <p>For further information regarding the Warranty or Terms and Conditions, please refer to our website at http://in-situ.com/terms-conditions/</p> <p>All quoted product & service prices are in U.S. Dollars unless specifically noted otherwise.</p>	<p>Sales Tax: \$0.00</p> <p>Shipping: \$145.00</p>
<p>Total Amount (Excludes Optional Items): USD \$8,775.00</p>	



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Optional Maintenance Plan Detail (Prices not included in Equipment Quote)

Start Date: 03-03-2025		Term: 36 Months				
Line	Product Description	Part Number	Unit of Sale	Qty.	Unit Price	Customer Total Price
12.	In-Situ Care Basic for Aqua TROLL 500/600	1014690	36 Month	1	\$395.00	\$1,185.00
13.	In-Situ Care Plus for Aqua TROLL 500/600	1014700	36 Month	1	\$945.00	\$2,835.00
14.	In-Situ Care Ultimate for Aqua TROLL 500/600	1014710	36 Month	1	\$1,495.00	\$4,485.00

HydroVu Terms & Conditions

TERMS & CONDITIONS

The terms of this contract, reflected above, are effective until terminated by either party. This contract will auto-renew at each renewal term, unless a) the customer notifies In-Situ Inc. at least 15 days before the end of the initial term or the renewal term, or b) the customer declines auto-renewal and it is reflected on the contract. In the event this contract is terminated early, an amount equal to 50% of the remaining contract amount will be charged.

OVERAGES

In the event you go over your allotted amount of data, an overage fee will be applied. The overage fee will be \$10.00 per megabyte over your allotted data amount.

SUSPENSION

In-Situ will not suspend services for customers. In order to stop service a customer will need to request their service be terminated.

AMENDMENTS

In the event this contract is amended for any reason a new contract will need to be signed. By signing this contract the undersigned is agreeing to the terms set forth above, as well as the Hydrovu Terms of Use and the In-Situ, Inc. Terms & Conditions (located at www.in-situ.com/legal/terms-conditions/). The undersigned represents that he/she has the authority to execute this contract/agreement on behalf of the business identified.

PAYMENT TERMS

In-Situ is pleased to extend terms of net 30 days to customers who have established a credit account with us. If you wish to open a new account, credit applications are available upon request. A bank reference and four trade references are required. Payments are due in 30 days from the date of the invoice. All past due invoices and uncollected funds shall be charged interest at a rate of 1.5% per month. The customer agrees to pay all collection costs, including attorneys' fees, and penalty charges if collection services on the account become necessary. Letter of credit and wire transfer fees will be added to the invoice at a rate of \$350 and \$30 respectively.

DISCLAIMER

DUE TO CONTINUING PRODUCT DEVELOPMENT, IN-SITU RESERVES THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE. IN-SITU ALSO RESERVES THE RIGHT TO ALTER TERMS PRIOR TO ACCEPTANCE OF THE ORDER.