



#### MEMORANDUM

TO: BCWD Board of Managers

**FROM:** Aaron DeRusha, WCD

DATE: 2/27/2023

#### RE: BCWD Water Monitoring Equipment Repair Request

During the WCD's routine equipment testing procedure, the water stage and velocity sensors for the Stonebridge and Long Lake Inlet II monitoring stations were identified as needing further evaluation from the factory. Unfortunately, the factory has determined that the units are unrepairable and will need to be replaced. The sensors are integral to the function and performance of the stations and pollutant load calculation methods. I am requesting that the BCWD board approve the replacement cost, including extended warranty, of the two sensors at \$1,915.00 each, to be invoiced by the WCD. I have attached the estimate from the factory for review and approval. The sensors are listed as serial numbers 214C01063 and 219D01327 on the repair estimate.

Requested board action: Approve equipment repair and replacement expenditures as described above, not to exceed \$3,830.00 plus applicable shipping from account 300-4640.

## Service Order ESTIMATE: 0078441

Bill To: Washington Conservation 455 Hayward Ave. N. Oakdale, MN 55128 United States			Washin 455 Hay Oakdale United S					
Contact		Contact Phone		Service Date			RMA	
Derusha, Aaron		612-816-7995		3/21/2023 06			0056632	
Teledyne phone number	Teledyne	fax number		Teledyne er				
				Lynn.Henne	ssey@Tele	dyne.c	com	
Item Number Item Desc	ription					Qty	Price	Amount
Nature of visit: Low profile s nose of sensor. Sensor fails	ensor 214C	01063 "not reading sting, very low signa	velocity al streng	" Has a brok th. Unable to	en cap str be repair	ap and ed. Re	d small chi	os on
Low profile sensor 219D013 level stability/drift testing bu profile sensor 219D01333 h	t the cable o	cannot be repaired.	Replace	e sensor.			•	Low
sensor. Sensor passes velo sensor.	ocity, linearit	y, and level stability	/drift tes	ting but the	cable canr	not be	repaired. F	Replace
6712 sampler 207A01914 p pass diagnostics tests. The three dust cap straps. Repla	attached po	ower cable is in goo	d condit	ion. Two of t	he dust ca	ips are	e damaged	ard all as well as
415	ent low profile					3.00	1,915.00	5,745.00
Serial Number:				Total	Parts:			5,745.00
Model:				Total	Labor:			0.00
Labor Worked				Total	Expense:			0.00
Billable Non-Billable	e Lab	or Rate			Fees:			0.00
		0.00		Total				5,745.00
Terms:							C	ontinued***
	vice Person:	Hennessey, Lynn A					Date:	2/21/2023
* Shipping charges and Sales Tax ar			nuico noto	4				2/21/2020
- FP 3 3				<i>.</i>				
* Purchase order number must be re	ceived before se	ervice is scheduled.						
* This is an estimate only and is subj proceed. If actual cost exceeds this es	stimate the custo	mer will be notified.	·					
These items are controlled by the U.S. gow identified. They may not be resold, transfer in their original form or after being incorpora Seller's Offer, and any order issued by Buy found at the applicable Teledyne company Technologies Incorporated. Teledyne Ethic	red, or otherwise di ated into other item er to Seller for the g internet website list	isposed of, to any other countr is, without first obtaining appro goods and/or services specifie ted below. Teledyne ISCO is a	ry or to any p wal from the d herein, is s	erson other than the U.S. government or trictly limited to Sell	e authorized ulti as otherwise a er's General Te	mate cons uthorized rms and C	signee or end-use by U.S. law and i Conditions of Sale	er(s), either regulations. e, which can be
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**TELEDYNE** INSTRUMENTS, INC. Everywhereyoulook<sup>™</sup> Federal ID: 95-4888283

## Service Order ESTIMATE: 0078441

Bill To: Washington Conse 455 Hayward Ave Oakdale, MN 5512 United States	. N.			Washin 455 Ha	Address: gton Conservation yward Ave. N. e, MN 55128 States			
Contact			Contact Phone		Service Date and Time		RMA	
Derusha, Aaron			612-816-7995		3/21/2023 06:00:00 pm	۱	0056632	
Teledyne phone nu	umber	Teledyne	fax number		Teledyne email			
					Lynn.Hennessey@Te	ledyne.c	om	
Item Number	Item Descrip	tion				Qty	Price	Amount
603003161 Serial: 207A01914		ibrated By L REPAIR	Label - General Mair	ntenance		1.00	7.62	7.62
603703278 Serial: 207A01914	Outer Pump I		eneral Maintenance			1.00	18.29	18.29
202999903 Serial: 207A01914	Lip Seals - G SEAL	eneral Mair 375IDX.7				2.00	23.51	47.02
490001300 Serial: 207A01914		INDCTR P	CARD RV			1.00	21.73	21.73
099000200 Serial: 207A01914		80Ž BAG				1.00	12.11	12.11
609004157 Serial: 207A01914		C PMP TU				1.00	49.78	49.78
603113024 Serial: 207A01914		CONN PTC				2.00	22.20	44.40
609003291 Serial: 207A01914		P CONN C				3.00	4.74	14.22
Fee Serial: 207A01914	Shipping & Ha	Indling				1.00	54.00	54.00
Terms:							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ontinued***
	Comis	- Deve en						
VALIDITY: 30 Days			Hennessey, Lynn A	mulae ast-	4		Date:	2/21/2023
<ul> <li>* Shipping charges and Sales Tax are not included in this estimate, unless otherwise noted.</li> <li>* Purchase order number must be received before service is scheduled.</li> <li>* This is an estimate only and is subject to change if more parts and labor are required. We will need a Purchase Order or other authorization before we can proceed. If actual cost exceeds this estimate the customer will be notified.</li> </ul>								
These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.								
Seller's Offer, and any orde found at the applicable Tel Technologies Incorporated	edyne company inte	rnet website list	ed below. Teledyne ISCO is	ed herein, is s a registered l	trictly limited to Seller's General T pusiness name of Teledyne Instru	erms and C ments, Inc.,	Conditions of Sale a subsidiary of	e, which can be Feledyne
TELEDYNE ISCO Everywhereyouloo	ık"							

Everywhereyoulook" www.teledyneisco.com +1-800-228-4373 **TELEDYNE** INSTRUMENTS, INC. Everywhereyoulook<sup>™</sup> Federal ID: 95-4888283

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Contact			Contact Phone		Service Date and Time		RMA	
Derusha, Aaron			612-816-7995		3/21/2023 06:00:00 pm		0056632	
Teledyne phone n	umber	Teledyne f	fax number		Teledyne email			
					Lynn.Hennessey@Tele	dyne.c	com	
Item Number	Item Descript	tion				Qty	Price	Amount
Serial Number: 20 Model: 6712 CON Labor Work Billable	T ONLY KB æd Non-Billable		oor Rate 165.00		Total Parts: Total Labor: Total Expense: Total Fees: Total:			215.17 412.50 0.00 54.00 681.67
Fee Serial: 214C0106	No charge if re	epiaceu				1.00	00.00	165.00
Serial Number: 21 Model: 4150/4250 Labor Work Billable	4C01063 SNSR PRF A		oor Rate 0.00		Total Parts: Total Labor: Total Expense: Total Fees: Total:			0.00 0.00 0.00 165.00 165.00
Fee Serial: 219D0132	No charge if re 7	eplaced				1.00	165.00	165.00
Terms:		_						ontinued***
VALIDITY: 30 Day			Hennessey, Lynn A				Date:	2/21/2023
			this estimate, unless othe	erwise note	d.			
* Purchase order nun	nber must be recei	ved before se	ervice is scheduled.					
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	ledyne company inte	rnet website list	ed below. Teledyne ISCO is		strictly limited to Seller's General Te business name of Teledyne Instrum			
TELEDYNE ISCO Everywhereyoulo www.teledyneisco. +1-800-228-4373								

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Derusha, Aaron			612-816-7995		3/21/2023 06:00:00 pm		0056632	
Teledyne phone nu	umber	Teledyne	fax number		Teledyne email			
					Lynn.Hennessey@Tele	dyne.c	om	
Item Number	Item Descrip	tion				Qty	Price	Amount
Fee Serial: 219D01333 Serial Number: 21 Model: 4150/4250 Labor Work	SNSR PRF A ed Non-Billable No charge if re 9D01333 SNSR PRF A	Lab eplaced /V KB	or Rate 0.00 or Rate 0.00		Total Parts: Total Labor: Total Expense: Total Fees: Total: Total Parts: Total Labor: Total Expense: Total Fees:	1.00	 165.00 	0.00 0.00 165.00 165.00 165.00 0.00 0.00 0.00 165.00
			0.00		Total:			165.00
E	Total Labor Billable 2.5	' Worked Non-Billa C		******	Total Parts: Total Labor: Total Expense: Total Fees: Service Estimate Gra	andTot	al:	5,960.17 412.50 0.00 549.00 921.67 USD
Terms:	<b>.</b> .	-					<b>.</b> .	0.01.0000
<ul> <li>* Purchase order num</li> <li>* This is an estimate of proceed. If actual cost</li> <li>These items are controller identified. They may not b in their original form or aftr</li> <li>Seller's Offer, and any ord</li> </ul>	nd Sales Tax are r iber must be recei- poly and is subject exceeds this estin d by the U.S. governi e resold, transferred er being incorporated er issued by Buyer te ledyne company inte	not included in ived before se t to change if r nate the custo ment and authou , or otherwise di d into other item to Seller for the g rmet website list	nore parts and labor are r mer will be notified. rized for export only to the cou sposed of, to any other count s, without first obtaining appro goods and/or services specifie ed below. Teledyne ISCO is i	equired. W untry of ultima ry or to any p oval from the d herein, is s	d. le will need a Purchase Order o ate destination for use by the ultimat erson other than the authorized ulti U.S. government or as otherwise au trictly limited to Seller's General Ter pusiness name of Teledyne Instrum	te consign mate cons uthorized t rms and C	ee or end-user ignee or end-us by U.S. law and conditions of Sa	s) herein ser(s), either regulations. le, which can be
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# QUOTATION

#### Quotation From:

TECH SALES CO. 311 W. 44TH STREET MINNEAPOLIS MN 55409 Ph: (612) 823-8238 Fx: (612) 823-4272

#### Quotation For:

Washington Conservation	District	Quotation#:	2230305
455 Hayward Ave N Oakdale MN 55128		Revision#: Date:	02/28/23
	<b>Fx:</b> (651) 330-7747	20001	02/20/23

Attn: Aaron DeRusha E-Mail: aderusha@mnwcd.org Ref: Isco 750 AV Sensors

Please Address Order To:

TECH SALES CO. 311 W. 44TH STREET MINNEAPOLIS MN 55409 FOB:FactoryShipment:4-8 Weeks AROSalesman:Travis DeGrootValidity:30 DaysTerms:NET 30 DAYS

Item	Qty	Part#/Description	Unit Price	Total Price
1	3	603254021 Low Profile Area Velocity Sensor with 10' range and 25' cable.	1,723.50	5,170.50
	<	***This is to replace SN# 214C01063, 219D01327, & 219D01333 on Service order Estimate 0078441.		
2	1	Warranty Additional 1 year Warranty	191.50	191.50

Quote Total: 5,362.00

Prices shown do not include freight or sales tax. MasterCard/Visa payments are accepted but may be subject to a 4% surcharge. Please review this quotation and let us know if you have any questions.

By:

Travis DeGroot

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