

## MEMORANDUM

**TO:** Board of Trustees

**THROUGH:** Indra Winquest  
District General Manager

**FROM:** Brad Underwood, P.E.  
Director of Public Works

**SUBJECT:** Approve a purchase order for the 2022 Update Camera Equipment Project – 2599SS2107 - Fund: Utilities; Division: Sewer; Vendor: WECO Industries, in the amount of \$50,383.26.

**DISTRICT STRATEGIC PLAN:** Long Range Principle 5 – Assets and Infrastructure.

**DATE:** May 26, 2022

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### **I. RECOMMENDATION**

That the Board of Trustees makes a motion to approve a purchase order for the 2022 Update Camera Equipment Project – 2599SS2107 - Fund: Utilities; Division: Sewer; Vendor: WECO Industries, in the amount of \$50,383.26.

### **II. DISTRICT STRATEGIC PLAN**

Long Range Principle 5 – Assets and Infrastructure – The District will practice perpetual asset renewal, replacement, and improvement to provide safe and superior long term utility services and recreation venues, facilities and services.

- Maintain, renew, expand, and enhance District infrastructure to meet the capacity needs and desires of the community for future generations.
- Maintain, procure, and construct District assets to ensure safe and accessible operations for the public and the District’s workforce.

### **III. BACKGROUND**

This project is a FY 2021-22 Capital Project to update Public Works’ existing CCTV camera and related equipment.

The camera van is used by the Utility Division to inspect the 105 miles of sewer mains throughout the District. The Division has an annual CCTV program and, over the last 5 years, the average length of sewer lines CCTV’d annually is nearly 15,000 feet.

This purchase will replace the actual camera equipment housed inside the van. The camera, camera head, transporter, cable reel, computer and various electronic components receive a high degree of wear and tear and therefore are subject to a shorter life span. This equipment was originally purchased in 2010 and last updated in FY 2014/15. Some components have reached the end of their useful life, while advances in technology and equipment serviceability also play a part in this upgrade.

This camera equipment is critical to the operation of the Public Works Utility Division for identifying underground sewer pipelines in need of maintenance, repairs or replacement and locating sewer service laterals for new construction. It is also used to quickly identify the cause of a sanitary sewer overflow and sources of illegal discharges.

The van itself is addressed in a separate project, as it falls under a different schedule for vehicle replacement.

Federal and State requirements mandate CCTV inspection of sewer systems. Results of inspections may be required to receive government funding for capital projects.

In accordance with Board Policy 3.1.0., 0.15, Consent Calendar, this item is included on the Consent Calendar as it is routine business of the District and within the currently approved District Budget.

#### **IV. BID RESULTS**

The camera equipment and associated accessories must be compatible with the existing equipment that is not being upgraded; therefore, a sole source solicitation from WECO Industries was required. No other sources are available for the IVGID camera system. Attachment A is the breakdown of the equipment pricing. The total for all the upgraded equipment is \$50,383.26

If approved, a purchase order will be created and the order placed. While some materials may have longer lead times, expected delivery time is within 60 calendar days of placing the order.

**V. FINANCIAL IMPACT AND BUDGET**

The 2022 Update Camera Equipment Project (2599SS2107) is included in the FY 2021-22 CIP Budget, with an approved budget of \$60,000 for FY21/22 (Attachment B). Sufficient funds are available in the approved project account to support the recommended total authorization of \$50,383.26.

**VI. ALTERNATIVES**

Not authorize the purchase.

**VII. BUSINESS IMPACT**

This item is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.

Attachments:

- A – Quote from WEDCO Industries
- B – CIP 2599SS2107 Data Sheet



4971 Allison PKWY Suite A  
Vacaville, CA 95688

(800) 677-6661 Fax: (707) 446-7933

Quote No. 042822

# ATTACHMENT A

## QUOTATION

**Customer**  
**Contact** JEFF BENDORF  
**Company** INCLINE VILLAGE  
**Address** 893 SOUTHWOOD BLVD.

**City** INCLINE VILLAGE **State** NV **Zip** 89451-9214  
**Phone**

**Date** 4/28/2022  
**Expiration** 5/28/2022  
**Salesman** BILL PIERCE  
**Terms** N-30  
**Delivery** DESTINATION  
**FOB** DESTINATION

Item	Qty	U/M	Part No.	Description	Unit Price	TOTAL
1	1	EA	MZ330-2	OZIII CAMERA ASSEMBLY M/C LED LIGHTS WITH 512hz SONDE	\$ 25,420.00	
2	2	EA	MZ302	LED LIGHTHEAD ASSEMBLY(REQ 2, 938.86 EA)	\$ 1,877.72	
3	2	EA	MZ302	HALOGEN LIGHTHEAD ASSEMBLY(REQ 2, 938.86 EA)	\$ 1,877.72	
4	12	EA	EL204	HALOGEN LIGHT BULBS ( 21.38 EACH)	\$ 256.56	
5	6	EA	WM096-2	6" SPIKED WHEEL WITH SCREW( 466.58 EA)	\$ 2,799.48	
6	6	EA	WS112-2	8" SPIKED WHEEL WITH SCREW( 413.19 EA)	\$ 2,479.14	
7	6	EA	TX111	6" RUBBER WHEEL( 72.16 EA)	\$ 432.96	
8	1	EA	WM308	8" RUBBER WHEEL WITH SCREW(KIT OF 6)	\$ 1,224.52	
9	2	EA	TX305	WTR TRACK ASSY CHAIN AND CLEATS(410.98 EA)	\$ 821.96	
10	2	EA	RP123	SPLICE CHAMBER KIT NON-STEER(460.66 EA)	\$ 921.32	
11	3	EA	TX343	CABLE 12-8 PIN WTR(257.03 EA)	\$ 771.09	
12	5	EA	TX342	CABLE 4 PIN WTR(117.36 EA)	\$ 586.80	
13	8	EA	120165	TOW CABLE WTR (30.36 EA)	\$ 242.88	
14	6	EA	WT319	5' FIBERGLASS POLES (84.96 EA)	\$ 509.76	
15	1	EA	0305490-13H	1500' OF GOLD CABLE NON-STEERABLE INSTALLATION, REMOVAL OF OLD CABLE	\$ 8,218.92	
				SUB-TOTAL	\$ 49,000.83	
				NO TAX	\$ -	
				FREIGHT	\$ 750.00	
				<b>SUB-TOTAL</b>	<b>\$ 49,750.83</b>	
				<b>FM300 FOOTAGE COUNTER WEAR ITEMS</b>		
16	2	EA	097512	ITEM #1 RETAINING RING (1.49 EA)	\$ 2.98	
17	8	EA	100108	ITEM #8 SCREW PAN10-32 5/8 ( 1.34 EA)	\$ 10.72	
18	2	EA	103062	ITEM #10 SCREW 8-32 1/2 (.89 EA)	\$ 1.78	
19	1	EA	200289	ITEM #12 ROLLER KEEPER	\$ 25.46	
20	2	EA	300339	ITEM #14 BEARING FLANGED (57.08 EA)	\$ 114.16	
21	2	EA	500135	ITEM #15 GUIDE CABLE ( 55.65)	\$ 111.30	
22	1	EA	501237	ITEM #18 PRESSURE WHEEL	\$ 75.75	
23	1	EA	501239	ITEM #20 SHAFT PRESSURE WHEEL	\$ 73.65	
24	2	EA	501245	ITEM #23 ROLLER FOOTAGE METER( 35.50 EA)	\$ 71.00	
25	1	EA	FM006	ITEM #39 SEAL SHAFT	\$ 13.72	
26	1	EA	FM010	ITEM #43 WHEEL MEASURE ALUMINUM	\$ 131.91	
				SUB-TOTAL	\$ 632.43	
				NO TAX	\$ -	
				FREIGHT	\$ -	
				<b>SUB-TOTAL</b>	<b>\$ 632.43</b>	
				<b>GRAND TOTAL</b>	<b>\$ 50,383.26</b>	

**Weco . . . . .**

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Subtotal	
Shipping & Handling	
Taxes	
Other	
<b>TOTAL</b>	



## Project Summary

**Project Number:** 2599SS2107  
**Title:** Update Camera Equipment  
**Project Type:** G - Equipment & Software  
**Division:** 99 - General Administration - Sewer  
**Budget Year:** 2021  
**Finance Option:**  
**Asset Type:** SS - Sewer System  
**Active:** Yes

## ATTACHMENT B

<b>Project Description</b>			
<p>The camera van is used by the Utility Division for camera work performed on the District's sewer lines. This process identifies the overall condition of the underground sewer system to help staff schedule needed repairs or line replacement. It is also used to quickly identify the cause of sewer overflows and sources of illegal discharges. The van itself is addressed as a separate project as it falls under a different schedule for vehicle replacement. This project deals with the actual camera equipment housed inside the van. Items such as the camera head, transporter, cable reel, computer and various electronic components are subject to a much higher degree of wear and tear and are therefore subject to a shorter life span. Advances in technology and equipment serviceability also play a part.</p>			
<b>Project Internal Staff</b>			
Fleet Maintenance and Pipeline Operations Staff			
<b>Project Justification</b>			
<p>This camera equipment is critical to the operation of the Public Works Utility Division for identifying underground sewer pipelines in need of maintenance, repairs or replacement. Federal and state requirements mandate CCTV inspection of sewer systems. Results of inspections are required in the procurement of government funding for capital projects.</p>			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2022			
Sewer Inspection Equipment	60,000	0	60,000
Year Total	60,000	0	60,000
2030			
Sewer Inspection Equipment	65,000	0	65,000
Year Total	65,000	0	65,000
	<b>125,000</b>	<b>0</b>	<b>125,000</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Est. Completion Date</b>	<b>Manager</b>
2012	Jul 1, 2021	Feb 28, 2022	Collection/Distribution Supervisor
			<b>Project Partner</b>