CITY OF VICTOR
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REPORT DATE: 10/22/2026

MEETING DATE: 10/28/2026

SUBJECT **SCADA Upgrade**

ITEM TYPE ☐ Public Hearing ☐ Work Session ☒ Action Item

APPLICABLE VICTOR VALUES

☐Culturally Historic ☒ Sustainable ☐ Connected to Nature
☐ Small Town Feel ☐ Family Friendly ☒ Administrative Need

PURPOSE & PROCESS

The purpose of this item is to release funding to allow for SCADA replacement on sewer infrastructure, with an emphasis on immediate action at Lift Station #3.

BACKGROUND/ALTERNATIVES

SCADA stands for Supervisory Control and Data Acquisition (SCADA). These systems exist to control, monitor, and report failures of both our culinary and wastewater systems. Additionally, SCADA systems store historical data and include reporting features which allow operators and engineers to assess system operation including maintenance and capacity of existing infrastructure.

The City of Victor has used a SCADA system provided by KPS services (previously known as Wetco), for many years. Over the last several years the level of service provided, and most importantly the response time when repairs have been requested, has greatly diminished. At times critical infrastructure requires immediate action for repair or troubleshooting, of which the City has consistently reached out to our service provider with little to no assistance.

From late 2025 through summer 2026, the City collected pricing to install a new SCADA system for the Mountain Side Village development and its associated infrastructure: the upper pressure zone, 200,000-gallon tank, Hillside Booster, and main supply booster (MSV Booster). The City ultimately selected Advanced Control Systems (ACS) to design and build the system. It has now operated successfully for several months supported by a highly responsive team at ACS.

Included in this staff report is a preliminary proposal from Mt. Valley Pump who is subcontracting ACS to design and build the SCADA control panels which will be installed by Mt Valley. The City is leveraging the knowledge and experience of Mt. Valley to assist with the SCADA integration project. The included proposal is specific for Lift Station #3 which requires immediate attention to address ongoing communication errors as well as control issues. The City has repeatedly tried to remedy these issues with our current SCADA provider; however, the suggested path moving forward would be to replace the existing system with SCADA integration from ACS.

Long term (12-24 months), it would be in the best interest to the City to continue upgrading/repairing our SCADA system to ACS. The approach would be as follows: Upgrade LS#3 immediately and source a GSA bid or other means to move forward in upgrading the remaining Lift Stations (LS#1, LS#2, LS#4), as well as the sewer interceptor (also known as the MCP). Additionally, to ensure we have a sustainable and operationally effective SCADA system, we will be exploring upgrades and replacements for our water system.

The current estimated price to replace the SCADA system at LS#3 is $51,995.18 and represents the most immediate financial request. The total cost estimate to replace all four lift stations as well as the sewer interceptor including a 20% margin would be $311,971.08.

ATTACHMENTS

Estimate_2045 MT VALLEY PUMP

FISCAL IMPACT

The project as quoted would result in $311,971.08 in expense in the sewer fund.

STAFF IMPACT

Coordination of project.

LEGAL REVIEW

N/A

RECOMMENDATION

Staff recommends releasing $311,971.08 from the sewer reserves to initiate immediate action on repairing LS#3 and continue sourcing a bid for the remaining locations.

SUGGESTED MOTION

I move to authorize the release of $311,971.08 from the sewer reserve fund for SCADA system upgrades, including immediate replacement of the SCADA system at Lift Station #3 and the continued procurement of bids for SCADA upgrades at the remaining lift stations and the sewer interceptor.

[Roll call vote]

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PO BOX 122
32 ELM STREET
VICTOR, IDAHO 83455

		Proiec		
Ite	Descriptio	Qv	Cos	Tota
	THIS IS AN ESTIMATE FOR AND CONTROL UP GRADE FRO LIFT • CONTROL CLEAN UP AND UP • REDUNDANT BACK UP FLOAT • LEVEL CONTROL ON SITE WITH OUT • LEVEL • STAINLESS STEEL HOOKS • CHAIN WEIGHT KIT FOR TRANSDUC • INSTALLATION AND S.C.A.D.A. READ ONLY • A.C.S. S.C.A.D.A.			
LABOR. ON	LABOR. OUT OF SHOP. (CONTROL • CONTROL • REMOVAL OF NON ESSENTIAL WIRING AND CLEAN UP • INSTALL AND INTEGRATE FLOAT SYSTE • INSTALL AND INTEGRATE CONTROL	1	8.493	8493.18
MIS	LEVEL • ONSITE LEVEL • SIMPLE ONBOARD LEVEL • 4-20 MA • 4-20 MA	1	2.774	2774.00

	Subtotal
	Sales Tax (0.0%)
	Total

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Proiec

Ite	Descriptio	Qv	Cos	Tota
LEVEL	LEVEL RAT • 0-15 • OUTPUT 4-20 • 0-30 • 60 • LIGHTNING • STAINLESS		1.330.00	1.330.00
MIS	REDUNDANT BACK UP FLOAT • 4) • 2 POSITION • ICE CUBE RELAYS FOR	1	1.184.00	1.184.00
MIS	WEIGHT AND CHAIN • COATED • STAINLESS STEEL • USED FOR TRANSDUCER AND REDUNDANT BACK UP	1	567.00	567.00
LABOR. ON	LABOR. OUT OF • REMOVE EXISTING • INSTALL NEW	1	1.750.00	1.750.00
MIS	STAINLESS STEEL HOOK SET UP KIT • 24 STAINLESS STEEL • 4 STAINLESS STEEL • 6 • INSTALLED WITH 3/8 WEDGE ANCHORS. 2 ANCHORS	1	1.032.00	1.032.00

	Subtotal
	Sales Tax (0.0%)
	Total

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Project

Item	Description	Qty	Cost	Total
MISC	MISCELLANEOUS ELECTRICAL FITTINGS, • WIRE, • CONDUIT	1	740.00	740.00T
MISC	• UNCTION BOXES	1	32,500.00	32,500.00T
	S.C.A.D.A. (ACS S.C.A.D.A. READ ONLY) • 120 VAC • CONDENSATION HEATER • PLC			
MISC	• 5 ANALOG INPUTS	1	1,000.00	1,000.00T
MISC	• 18 DIGITAL INPUTS • 2 CONTROL RELAYS • CELLULAR ANTENNA	1	625.00	625.00T
	YEARLY HOOK UP FOR THE CELLULAR YEARLY HOOK UP FOR S.C.A.D.A. WEB-SITE			

Subtotal	51,995.18
Sales Tax (0.0%)	0.00
Total	51,995.18