



## City of Ketchum

May 2, 2022

Mayor Bradshaw and City Councilors  
City of Ketchum  
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

### **Recommendation To Approve PO #22092**

#### Recommendation and Summary

Staff is recommending the council to approve purchase order #22092 with Banyan Technologies Inc. for PLC upgrades at Bigwood Booster and rotary Park Well.

I recommend that Council approve purchase order #22092 with Banyan Technologies Inc. of Twin Falls, ID in a not to exceed amount of \$23,400 for professional services to upgrade the PLC's in Bigwood Booster and Rotary Park Well.

The reasons for the recommendation are as follows:

- Upgrade existing obsolete Allen Bradley SLC500 Programmable Logic Control (PLC) Systems to new Allen Bradley Micrologix PLC Systems.
- To stay up to date with the Allen Bradley PLC platforms.
- If something catastrophic happened and the PLC's went down it would be detrimental to our daily operations of these facilities since they are the brains of the operation that communicate to the SCADA system, which allows us to keep the systemic harmony between all systems.

#### Introduction and History

This is part of our ongoing SCADA and PLC System upgrades to keep our system running as smooth as possible. These PLC's are the last two to be upgraded in the system. The SCADA system along with its brains (PLC's) is our lifeline to the water system, giving us a real time account on what's going in the system with the click of a button.

#### Analysis

With the rapid changes in computer software platforms, we need to be proactive on staying up with the times.

#### Sustainability

The recommended action will further the goals of the 2022 Ketchum Sustainability Action Plan in the following ways:

- Continuing the upgrading and proficiency of our system.
- Assist us in running our system as efficiently as possible.

Financial Impact

This is a planned and budgeted expense that will be drawn from our FY 21-22 budget.

Attachments:

Purchase order # 22092

Banyan Technologies Inc. Quote #KW-042122-2

Banyan Technologies Inc. Quote #KW-042123-1

Respectfully Submitted.

A handwritten signature in black ink, appearing to read "G. Tognoni".

Gio Tognoni  
Water Division Supervisor



**CITY OF KETCHUM**  
 PO BOX 2315 \* 191 5TH ST. \* KETCHUM, ID 83340  
 Administration 208-726-3841 (fax) 208-726-8234

**PURCHASE ORDER**  
 BUDGETED ITEM?  Yes  No

**PURCHASE ORDER - NUMBER: 22092**

<b>To:</b> 1289 BANYAN TECHNOLOGY INC. BOX 5083 TWIN FALLS ID 83303-5083	<b>Ship to:</b> CITY OF KETCHUM PO BOX 2315 KETCHUM ID 83340
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P. O. Date	Created By	Requested By	Department	Req Number	Terms
04/27/2022	bancona	bancona		0	

Quantity	Description	Unit Price	Total
1.00	BIG WOOD & ROTARY PARK WELL PLC 63-4340-4200	23,400.00	23,400.00
	SHIPPING & HANDLING		0.00
	TOTAL PO AMOUNT		23,400.00

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 Authorized Signature

Banyan Technologies Inc.

P.O. Box 5083  
Twin Falls, Idaho 83303-5083

# Estimate

Date	Estimate #
4/21/2022	KW-042122-2

Name / Address
Ketchum City Utilities Geo Tononi PO. Box 2315 Ketchum, Idaho 83340

Terms	Project
Net 15	

Description	Qty	Cost	Total
Rotary Park PLC Upgrade Upgrade existing obsolete Allen Bradley SLC500 Programmable Logic Control (PLC) System to new Allen Bradley Micrologix PLC System. Price includes all PLC components, wiring, installation, PLC and SCADA programming, startup and testing.  Prices good for 30 days from the date of this estimate	1	10,200.00	10,200.00
		<b>Subtotal</b>	\$10,200.00
		<b>Sales Tax (6.0%)</b>	\$0.00
		<b>Total</b>	\$10,200.00

Phone #	Fax #	E-mail
2087367363	208-734-8677	BVW@WATER2WIRE.COM

Banyan Technologies Inc.

P.O. Box 5083

Twin Falls, Idaho 83303-5083

# Estimate

Date	Estimate #
4/21/2022	KW-042123-1

Name / Address
Ketchum City Utilities Geo Tononi PO. Box 2315 Ketchum, Idaho 83340

Terms	Project
Net 30	

Description	Qty	Cost	Total
Big Wood Booster PLC Upgrade Upgrade existing obsolete Allen Bradley SLC500 Programmable Logic Control (PLC) System to new Allen Bradley Micrologix PLC System. Price includes all PLC components, wiring, installation, PLC and SCADA programming, startup and testing  Prices Good for 30 days from the date of this estimate		13,200.00	13,200.00
		<b>Subtotal</b>	\$13,200.00
		<b>Sales Tax (6.0%)</b>	\$0.00
		<b>Total</b>	\$13,200.00

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