



# CITY COUNCIL ACTION FORM

DEPARTMENT	PRESENTED BY	DATE
Public Works	David Lady - Public Works Director	December 17, 2024

## **AGENDA ITEM**

Council Action – Approve Water Treatment Plant SCADA Upgrade Project

Consent Agenda

## **BACKGROUND**

The City of Salida Water Treatment Plant (WTP) has complex control systems to manage the treatment processes at various facilities. This control system is critical for automation and alarm notification for issues that may arise. This system is known as Supervisory Control and Data Acquisition (SCADA). Much of this system is due to be upgraded from time to time to replace aging computer systems and to update programming for new equipment, plant processes, and State Regulations related to reporting.

Only a handful of companies provide service to SCADA controls systems locally. Timely and available service is critical for when issues arise in the system. The City has worked with Browns Hill Engineering and Controls for approximately 10 years at the WWTP. They completed the original SCADA design and maintenance at this facility when it was reconstructed and have provided excellent support since that time. They have adequate staffing to provide a timely response in times of need. The WTP has had several companies provide support through the years and the current system is somewhat piecemeal due to a variety of upgrades that have occurred.

Staff received detailed bids to overhaul the WTP system and provide updated programming. A second proposal included the necessary programming, software licensing, and support for a 5-year term. It is expected that the maintenance contract will be reduced significantly after 5 years as the labor for reprogramming and implementing are generally one-time expenses. There is value in working with Browns Hill to keep software and general support consistent between the two plants. Expenses due to combined maintenance support activities, continuity with support staff, and ability for staff to cross train all provide value to the City.

## **RECOMMENDATION**

Approve a Professional Services Agreement with Browns Hill Engineering and Controls in the amount of \$88,541 for control equipment upgrades with a project budget of \$95,000 and a monthly software and service contract of \$4,875.

## **FISCAL IMPACT**

The 2025 budget for equipment upgrades and hardware and software is as follows:

\$195,000 (20-34-6024-3) Machinery and Equipment  
\$25,000 (20-34-6041-3) IT Capitalized Hardware and Software

## **MOTION**

A City Councilmember should state “I move to combine and approve the items on the consent agenda”, followed by a second and a roll call vote.