



City of Needles, California Request for City Council Action

☒ CITY COUNCIL ☒ NPUA

☒ Regular ☐ Special

Meeting Date: September 9, 2025

Title: Approve Survalent providing Electric SCADA Software not to exceed \$137,126 utilizing the Electric System Improvement Fund

Background: The electric department currently operates the city's infrastructure manually. There is a need for real-time monitoring and enhanced control over the electric processes and equipment. SCADA maximizes the efficiency of power distribution system by providing the features like real-time view into the operations, data trending and logging, maintaining desired voltages, currents and power factors, generating alarms, etc.

City staff reached out to adjacent and sister utilities to determine what software was being utilized to provide SCADA, all recommended Survalent. City staff completed a tutorial of the software and determined they are able to provide the following benefits to the electric system: The proposed software will be installed on the two main substations, Eagle Pass and Yoney Substation.

Real-time monitoring of the system

- Ability to visually determine what circuits are open and the amps on each circuit in real-time
- Open and close circuits
- Future ability for automatic switching capabilities
- Voltage and fault reporting
- Outage management
- Increased safety for linemen and apprentices
- Diagnostic reporting capabilities

The Board of Public Utilities approved the recommended action on September 2, 2025.

Fiscal Impact: The Electric System Improvement Fund has a balance of \$1,414,370.06 as of 6/11/2025.

Environmental Impact: None

Recommended Action: Approve Survalent providing Electric SCADA Software not to exceed \$137,126 utilizing the Electric System Improvement Fund.

Submitted By: Justin Scott, Linecrew Supervisor
Rainie Torrance, Utility Manager

City Manager Approval: Patrick J. Martinez Date: 9/4/2025

Other Department Approval (when required): _____ Date: _____