



Agenda Report

Agenda of: May 27, 2025

Department: Public Works

Subject: Purchase Data Flow System's TAC II SCADA

Recommended Motion: Move to approve purchase of Data Flow Systems' TAC II SCADA system and the installation of the system to include a hub at Public Works and the associated electrical requirements

Background: Following the council's direction, staff conducted a comprehensive matrix analysis comparing integrated and manufactured SCADA vendors. This project was previously approved through the Capital Improvement Plan (CIP).

Our existing SCADA system no longer meets operational requirements. It is outdated, with some components now obsolete, leading to recurring technical issues. Additionally, securing service and repairs has become increasingly challenging, as the original integrated vendor is difficult to reach. When external vendors are available, many are either unwilling or unable to work on systems developed by other firms. Those who do attempt repairs often lack the necessary parts, resulting in additional costs for travel and service fees.

Through our search for a new solution, we identified Data Flow Systems as the ideal provider for a new SCADA system. Their TAC II SCADA System is specifically designed for water and wastewater applications and offers significant advantages, including the absence of annual user fees, software license fees, maintenance fees, and service contracts. This system will replace our current SCADA infrastructure.

For the electrical installation, we have selected Future Electric due to their extensive experience and proven track record with the TAC II SCADA System. We received one additional bid for this portion of the work, along with a no-bid response.

Fiscal Impact: \$212,361

\$160,161.00 – Direct Purchase Option from DFS

\$52,200 – Electric

☒ **Budgeted** ☐ **Requires Budget Amendment**

Source of Funding: CIP Bond Funds

Attachments:

Attachment A – SCADA Decision Report

Attachment B – DFS SCADA Quote

Attachment C – DFS Electric Scope of Work

Attachment D- Electric Contractor Quote

Attachment E - TAC Chapter 252.022 7 A (see page 1, 4, and 5 highlights)

Urgency (0-5 = Low Urgency to High Urgency):

Impact (0-5 = Low Impact to High Impact):

Submitted by: Ricardo Carrasco