

AUTHORIZATION FORM



Originator:

Name Joel Burzynski

Department Finance

Ext. 7153

Date 10/21/25

Description of Request: CS2026-001 Supervisory Control and Data Acquisition (SCADA) System

Department Leave Form ☐ Check Request Form ☐ Acquisition Approval ☐

Budget Transfer ☐ Grant Item ☐ Memorandum Service Authorization Approval ☐

☒ Other (Please Specify) For Review and approval

Data Flow Systems, Inc. (DFS) is the provider of the City's Supervisory Control and Data Acquisition (SCADA) system currently used by the Utilities Department. DFS was selected by the City over two decades ago to design and install the SCADA system to monitor and control sewage lift stations and water treatment plant equipment. value: \$40K per FY total \$200,000

Chief Procurement Officer: *Cyrene Pittaker*

Department Head Signature: *Henry Dachowitz*
Henry Dachowitz (Oct 22, 2025 12:31:07 EDT)

Finance Signature:(if request impacts budget) _____

Review Completed by Staff – Comments:

Joel Burzynski reviewed

N/A

N/A

N/A

N/A

N/A

☐ RETURN TO ORIGINATOR FOR ADDITIONAL COMMENTS

☒ APPROVED FOR Chief Procurement Officer

TRACKING:

Returned to N/A Department for additional information on: N/A

Forwarded to CFO Department for action on: Finance



MEMORANDUM CITY STANDARD APPROVAL

TO: Henry Dachowitz, Chief Financial Officer
FROM: Harold Willaims, Manager of Maintenance *Harold Willaims*
THROUGH: Juan Guevarez, Assistant Utilities Director *Juan Guevarez*
SUBJECT: City Standard Approval Request – Data Flow Systems, Inc.
DATE: September 29, 2025

Background: Data Flow Systems, Inc. (DFS) is the provider of the City's Supervisory Control and Data Acquisition (SCADA) system currently used by the Utilities Department. System components include the telemetry remote terminal units, the pump control modules, the hyper server, and software. The system is proprietary to DFS as they are the sole source of the TAC II SCADA System.

Justification: DFS was selected by the City over two decades ago to design and install the SCADA system to monitor and control sewage lift stations and water treatment plant equipment. At that time, there were few alternatives' choices in the marketplace for SCADA systems. Currently, the system through DFS is proprietary, and therefore will not allow integration with components from other vendors. In the future, while developing upgrades to system, this will be addressed as staff will consider system components to be more generic and not proprietary. Until the telemetry system is upgraded, components by DFS are critical to utilities operations for maintaining public health.

Market Research: The SCADA telemetry system and components used by the Utilities Department are manufactured and provided by DFS. No other vendor offers components that will work with their system.

Quote or Proposal is attached: ☐ Yes ☒ No

Comments: See attached letter from DFS

☒ Approved. This City Standard approval is valid for 60 months from date of approval. Attach this City Standard Approval to all requisitions for this item.

☐ Need Additional Information ☐ Not Approved

Comments: _____

Henry Dachowitz
Henry Dachowitz (Oct 22, 2025 12:31:07 EDT)

Oct 22, 2025

N/A

Chief Financial Officer

Date

Information Technology (IT)
Director

Date



**SOLE SOURCE LETTER
SEPTEMBER 30, 2025**

This letter is to provide notification that Data Flow Systems®, herein known as “Company” with corporate offices located at 605 N. John Rodes Boulevard, Melbourne, FL 32934, is the sole creator, manufacturer and marketer of a group of systems and products, including the TAC II SCADA System, as well as Remote Terminal Units (RTUs), Telemetry Control Units (TCUs), Hyper SCADA Server (HSS), HyperTAC SCADA Software, and the Symphony Pump & Flow Management® technology. The company is also the sole source provider for all associated support, repairs, service, and training for each of these solutions.

The company has nine (9) issued patents globally including patents governing wastewater collection flow management and techniques, fluid flow management system and associated methods, fluid flow management through a wastewater level manipulation system and associated methods, liquid level determination system and association methods, liquid level determination system, valve malfunctioning detection system for a vacuum sewer and associated methods, Modbus simulation system and associated transfer methods, and liquid-resistant control systems enclosure.

Further, the Company’s family of products are designed and manufactured to provide users with unique qualities and functions for remote monitoring and control for water, wastewater, and stormwater utilities.

Users acquire trend data via the patented and proprietary HT4® software tool which issues “Alarms” and “Alerts” that monitor specific operational parameters. All notifications provide information and resources enabling effective, informed decision-making for corrective or preemptive action. The patented HT4 Mobile® app is designed to have access to the software from the plant, field or office.

The patented Symphony Pump & Flow Management® technology coordinates the system-wide operation of sewer lift stations for the purpose of reducing force main pressures and equalizing flow into a wastewater treatment plant, which enables the ability to significantly reduce energy costs and provide a solution to daily peak-flow issues

Among its portfolio, the Company is protected by the following US Patents: 8,594,851; 8,600,568; 8,983,667; 9,556,040; 8,340,929; 8,521,452; 8,228,190; 8,260,872 and 9,200,466. We hope this information will satisfy your requirements and that it clearly demonstrates the special, patented, unique and proprietary features of our systems.

Sincerely,

Corey Williams, P.E.
President, Data Flow Systems









CS2026-001 Supervisory Control and Data Acquisition (SCADA) System

Final Audit Report

2025-10-22

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