

City of South Daytona
Office of the City Manager

1672 S. Ridgewood Avenue • South Daytona, FL 32119 • 386/322-3014



MEMORANDUM

To: Honorable Mayor, Vice-Mayor, and Members of the City Council
From: James L. Gillis Jr., City Manager
Re: Council notification of emergency purchase of \$45,969 to Danus Utilities on July 25, 2024, for valves at Lift Station #5 (Violet Street).
Date: July 31, 2024

In mid-July, our utility staff discovered that the two valves on the discharge side of Lift Station No. 5 were not closing properly which was causing flow to be directed back to the station. This recirculation issue causes the pumps to work harder than they have to in a normal situation. Lift Station No. 5 is essentially double pumping over thirty percent of the wastewater before it is sent to Daytona Beach which causes extended run-times, additional electric costs and wear on our Station. Once this issue was discovered, it could not be allowed to continue for an extended period of time while staff went through the formal bidding process. A typical formal bidding process involves publishing the solicitation in the local newspaper, allowing for a bid solicitation period which normally is 30 days, having a bid opening date in the Council Chambers and evaluating the bids received all before the City Council can approve it which would have been in September before any work could have been completed.

An emergency repair was required that was beyond the capabilities of city crews and Danus Utilities was contacted as they assisted with similar emergency repairs like this in the past. The written proposal we received, attached for review, is reasonable for the amount of work required to replace these large valves buried deep into the ground during the overnight hours while sewer flows were low. They were able to replace the valves successfully with little issue which was tricky since the entire station had to be placed offline while the repair was being conducted.

The City's purchasing policy allows for emergency purchases to be exempt from written quotes and the formal bid process. An emergency exemption occurs when an unplanned or unexpected event that requires immediate action to prevent or remedy a service outage; or to prevent or remedy a situation that presents an immediate danger to human life, health or safety of a significant loss or damage to the property, and where failure to take immediate action would enhance the risk of loss or prolong the delay in restoring service. The recirculation of this amount of flow would have been devastating during a severe weather event, such as a hurricane, as the station would have been overwhelmed in a short period of time causing backups into the streets and surrounding homes. As this emergency purchase was over \$25,000, Section 2-140 of the City Code of Ordinances requires the City Manager to notify the City Council of an emergency purchase exceeding this amount at the next regularly scheduled city council meeting. This agenda item meets that notification requirement.



Proposal #: 071524-3R

Date: 7/25/2024
Submitted to: Luke
Company: City of South Daytona
Email:
lstrydom@southdaytona.org

4133 Saddle Club Drive, Port Orange, FL 32168 P.O. BOX 291671-32129 (386) 882-6200
State License #CUC 1224744

Job Description: LS 5 By-pass & Isolation Valve Replacement

We are pleased to quote labor and materials to include:

- **Excavate area** to expose pipe. (*during regular business hours*)
- **Furnish & Install** (1) 12" x 2" saddle tap on existing FM to check for pressure shut down (*during regular business hours*)
- **Furnish & Install** (1) 12" MJ gate valve with new valve can. (Night Work)
- **Furnish & Install** (1) 12" MJ sleeve to reconnect piping. (Night Work)
- **Furnish & Install** 12" DR-18 green PVC pipe. (Night Work)
- **Furnish & Install** (1) 12" MJ cap on old force main pipe (if needed) (Night Work)
- **Provide** (1) vac truck to remove fluids from existing isolated force main. (Night Work)
- **Backfill & Compact excavated area.**
- Isolation valve to stop flow from other stations for LS 5 rehabilitation (existing is hard to close)**
- **Furnish & Install** (1) 12" MJ gate valve with new valve can. (Night Work)
- **Furnish & Install** (2) 12" MJ sleeves to reconnect piping. (Night Work)

By Others:

- **The City of South Daytona to shut down all 3 stations that use this piping manifold.**
- **The City of South Daytona to coordinate with City of Daytona for access to the 12" isolation valve at the mag meter.**

TOTAL: \$45,969.00

NOTE: Force main isolation and valve replacement must be done during low flow period between 1:00 AM & 4:00 AM.

Terms Net 30 Days

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. This proposal is subject to acceptance within 30 days and is void thereafter at the option of the undersigned.

Authorized Signature:

Raymond Rogers
(386) 882-6200
Raymond@danusutilities.com