

City of South Daytona

Office of the City Manager

Post Office Box 214960 • South Daytona, FL 32121 • 386/322-3014



MEMORANDUM

To: James L. Gillis Jr., City Manager
From: Becky Witte, Deputy City Clerk
Re: Consideration of approving a sole source purchase from Hydra Service for the pumps and mixing equipment required to replace Lift Station #5, located at 635 Violet Street, in the amount of \$466,095 as budgeted in the current fiscal year and supported by a grant from the Florida Department of Environmental Protection.
Date: June 4, 2025

The City's Lift Station #5, located at 635 Violet Street, is over 35 years old and has outlived its useful life. City staff recognized the condition of our largest sewer lift station several years ago and was able to secure a grant from the Florida Department of Environmental Protection (FDEP) for its replacement.

The design and permitting phases of the replacement of Lift Station #5 have now been completed. The City is currently out to bid under solicitation 25-ITB-015 for the replacement of this lift station. If the City were to procure the equipment necessary for the lift station replacement ahead of time, it will not only expedite the replacement, but we will save on sales tax which could reduce its cost by about \$50,000.

The City utilizes the same manufacturer for the various components of a lift station. Standardizing allows us to minimize spare parts inventory, streamline maintenance operations, and leverage staff expertise with a single system type. This approach results in operational efficiencies and cost savings over time. As a result, we only utilize Hydra Service for pumps and mixing equipment.

Staff reached out to Hydra Service for the cost of the pumps and mixing equipment for this station. Their proposal, attached to this memorandum, totals \$466,095 and includes three submersible wastewater pumps and one submersible mixer designed to keep our wet well agitated to prevent solids from coagulating.

Since the price given in the proposal is reasonable and Hydra Service is the sole provider of our pumps and mixing equipment, staff is recommending the purchase of this equipment for \$466,095 as budgeted in the current fiscal year. If approved, the City will save \$30,296 in sales tax for these items and should receive the equipment in four months just in time for its implementation in the replacement of Lift Station #5 by the contractor ultimately selected through 25-ITB-015.



Hydra Service, Inc.
SPECIALIST IN FLUID MOVEMENT



250 Springview Commerce Drive
Debarry Florida 32713
Phone: 407 330 3456
Phone: 800 323 1731
Fax: 407 330 3404

**Sales Representative
Contact Information**
Cell Phone: 407-790-9751

TO: **City of South Daytona**
ATTN: **Becky Witte**

FROM: **Dale Jahn**
EMAIL: dale@hydraservice.net
DATE: **June 5, 2025**

PH: **386-322-3011**

QUOTE: **250605-1DJ**

EMAIL: bwitte@southdaytona.org

REF: **South Daytona LS 5 Replacement**

- 3 Sulzer / ABS model XFP155J-CB2.310mm-PE520/4 submersible wastewater pump, 70hp, 3/460v, with 49' of motor cable, closed-loop motor cooling system, & SS bail. Hardened impeller & wear plate. Specified duty point: 1300 GPM at 120' TDH.
- 3 Factory certified pump motor electrical integrity test.
- 1 Sulzer / ABS model XRW2131-PA18/4 submersible mixer, EC construction, 2.4hp, 3/460v, with 49' of motor cable.
- 1 Factory certified mixer motor electrical integrity test.
- 1 6" pump flange mixer mounting bracket, 316 stainless steel.
- 3 8" base elbow including slide bracket, rubber sealing grommet, and hardware.
- 3 Set of anchor bolts, 316 stainless steel.
- 3 Upper guide rail bracket, dual 2" rail, 316 stainless steel.
- 6 30' length of 2" diameter guide rail, 316 stainless steel.
- 3 30' pump lifting chain, 316 stainless steel.
- 1 Float cable hanger, 316 stainless steel.
- 7 Pump/mixer motor cable hook, 316 stainless steel.
- 1 Triplex pump control panel, backup float logic, 1/120v.
- 1 Remote alarm box including alarm horn, light, & silence button.
- 1 Simplex mixer control panel, 2.4hp, 3/460v.
- 3 150hp, 3/460v wall mount variable frequency drive, open type. 33.5" H x 12.6" W x 15.4" D.
- 1 150hp, 3/460v wall mount variable frequency drive, open type. 33.5" H x 12.6" W x 15.4" D. (Uninstalled spare)
- 3 3% line reactor, 3/460v, floor mount, type 1 enclosed. 22.13" H x 20.15" W x 24.15" D.
- 3 Pump 400A fusible disconnect, 316 stainless steel, with 150A fuses.
- 1 Mixer 30A fusible disconnect, 316 stainless steel, with 30A fuses.
- 1 Junction box for floats & transducer, 16" x 16" x 6", 316 stainless steel.
- 1 16" Rosemount 8750W magnetic flow meter with integral field mount transmitter, local operator interface, and grounding rings.
- 1 Rosemount 2051 pressure transmitter, no display.
- 1 Data Flow Systems telemetry equipment to City of South Daytona standards including:
 - RTU panel including DFS TCU800 with radio, RIO unit, power supply, backup battery, surge protection, antenna, and cable.
 - DFS on-site RTU wiring services, project management, FCC licensing services, configuration, testing, and startup services.
 - DFS spare parts including TCU800.
- 5 RotoFloat liquid level sensing float with 50' of cable.
- 1 VEGA C-21 radar level sensor with 32' of cable and mounting bracket.
- 3 36" x 48" aluminum access hatch, 300 lb/ft² load rating, with safety grate.
- 2 Trip for startup service by a representative of this company.

Notes/Exceptions:

- DFS RTU installation, including all conduit & wiring, is by others. Wire terminations external to the DFS RTU are by others.
- DFS antenna mounting & installation is by others. Antenna is non-directional and must be mounted a minimum of 10' AGL.
- No pump or mixer spare parts are included.

TOTAL PRICE, F.O.B. JOB, FREIGHT INCLUDED **\$466,095.00** PLUS ANY FEDERAL,
STATE OR LOCAL TAXES WHICH MAY APPLY. TERMS ARE NET **30** DAYS. PRICES ARE FIRM 30 DAYS

"HYDRA SERVICE INC TERMS & CONDITIONS APPLY" PAYMENT TERMS NET 30 DAYS.

ESTIMATED DELIVERY: **18-20** WEEKS AFTER RECEIPT IN OUR OFFICE OF COMPLETE
APPROVED SUBMITTAL DATA AND SIGNED PROPOSAL.

THESE TERMS ARE INDEPENDENT OF, AND ARE NOT CONTINGENT UPON THE TIME OR MANNER
IN WHICH PURCHASER MAY RECEIVE PAYMENT FROM OTHERS.

2 DAY OF FACTORY START-UP IS INCLUDED AND REQUIRED FOR WARRANTY. PAYMENT
FOR MATERIALS WILL BE REQUIRED BEFORE THE AUTHORIZED START-UP IS CONDUCTED.

ACCEPTED DATE _____

Review Date: 06/05/2024

NAME OF PURCHASER

Dale M. Jahn
REVIEWED BY HYDRA SERVICE PUMP REP.



Sulzer Pumps Solutions
Inc. 140 Pond View Drive
Meriden, CT 06450 Phone
(203) 238 2700 Fax (203)
514 4364 www.sulzer.com

June 6, 2025

To: City of South Daytona, Florida

The purpose of this letter is to confirm that Hydra Service Inc., located in Debarry, Florida, is the sole Distributor contracted for Sulzer wastewater (formerly ABS) products, including pumps, mixers, blowers and aerators, for the Municipal Wastewater Collection and Treatment market. Hydra Service's territory includes the entire state of Florida.

Nationally, we utilize a network of independent distributors/service centers to serve the Municipal, Industrial, Building Trades and Dewatering market segments in specific territories. The authorized distributor for Sulzer products in these segments/territories has the expertise, knowledge, training and access to the latest product developments and upgrades, along with genuine OEM parts. Hydra Service staff is trained in the latest methods in care and start-up of our equipment and can execute warranty claims.

Please do not hesitate to contact me if I can provide any additional information.

Sincerely,

Steve Lammey

Steve Lammey
National Sales Manager
Sulzer Pump Solutions
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steve.lammey@sulzer.com

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