



*Hydra Service, Inc.*  
SPECIALIST IN FLUID MOVEMENT



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

FROM: **Dale Jahn**  
EMAIL: [dale@hydraservice.net](mailto:dale@hydraservice.net)  
DATE: **June 5, 2025**

PH: **386-322-3011**

QUOTE: **250605-1DJ**

EMAIL: [bwitte@southdaytona.org](mailto: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/ft<sup>2</sup> 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 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.