



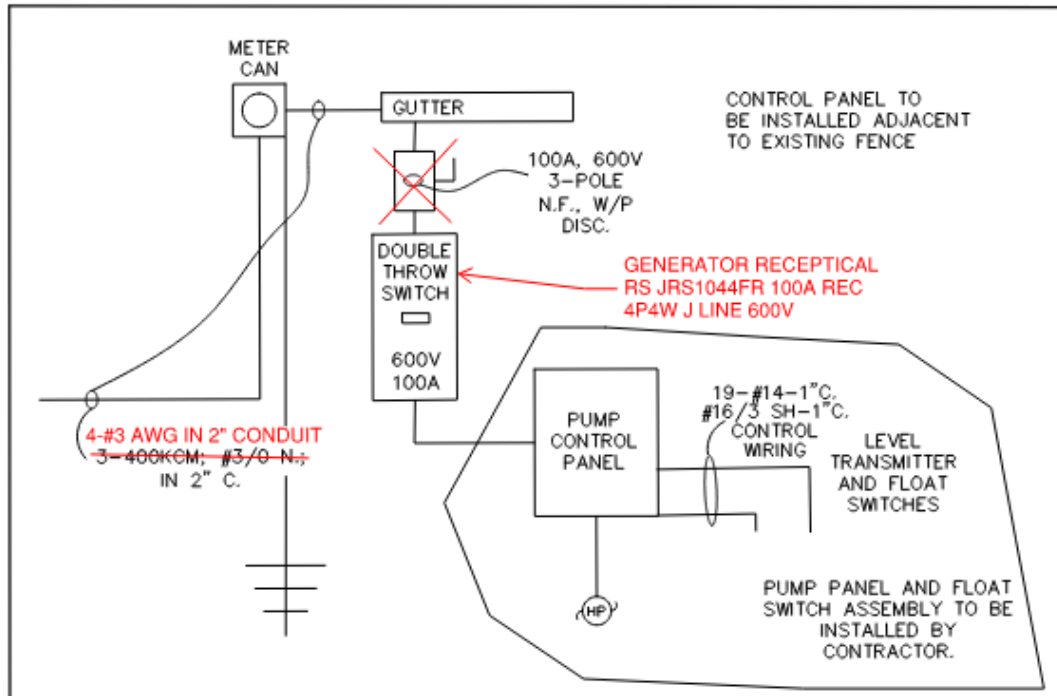
City of South Daytona Bid Addendum

Bid Number:	23-014
Bid Title:	Harborside Pump Station
Bid Opening Date:	2:00 P.M. on Thursday, July 13, 2023
Bid Addendum Number:	1
Bid Addendum Date:	June 27, 2023

Questions received. City responses in BLUE.

1. We will propose an aluminum access hatch on the wetwell for pump access. Is a 300 lb/sq ft load rating acceptable for the hatch, or do you need an H2O load rating? **The Grate Top provided in the FDOT Detail is what is expected. Alternatives may be considered after award of bid.**
2. What size structure is required for the valve vault? Is this concrete with an aluminum access hatch? **The valve vault material is not important, but it shall be large enough to enable wrenches and tools to be utilized by someone lying on their stomach at ground level.**
3. Please confirm the requirement for a VFD in the control panel. **No VFD Required. Please disregard.**
4. Please confirm the phase & voltage that will be provided for the control panel & pump. **230 V 3-Ph.**
5. Please confirm that new DFS telemetry equipment is required and that the TCU is to be located inside of the new pump control panel. **City will provide after installation.**
6. What is the engineers estimate for this project? **Approximately \$85,000**
7. What is the H.P. of the pump? **5HP 15.2 FLA**
8. The line service riser diagram shows a 100 A non-fused switch and a double throw fused switch but note #4 calls for a breaker with shunt trip, please clarify. **Delete Breaker**
9. The service riser diagram show (3) 4000 MCM and (1) 3/0 MCM in a 2 " conduit, this won't fit. Please clarify what service size and conduit size. **4-#3AWG THHN Coper in 2" Conduit.**
10. Is there a specific dimension that is needed for the service gutter? **Size as needed for equipment.**
11. Is there a specific dimension that is needed for the equipment rack? **Size as needed for equipment.**
12. Will the Data Flow Systems TCY-800 SCADA be provided by the City for installation? **City will provide after installation.**
13. Will pole holds and/or guy wire relocation be the responsibility of the contractor? **Contractor to coordinate.**
14. Requesting specs or details for the aluminum ladder for the above-referenced project. **No specifications or details can be provided. Please provide an aluminum ladder which will serve the purpose of personnel access that will support at least 300 lbs of men and equipment.**

- See the below picture for clarification on the control panel.



PUMPSTATION CONTROL PANELS
INCLUDE VFD & GENERATOR RECEPTABLE
NOT TO SCALE

SERVICE RISER NOTES

1. CONTRACTOR TO COORDINATE WITH FPL SITE SERVICE REP THE PROVISION OF A PAD-MOUNT TRANSFORMER WITHIN THE REAL PROPERTY OF THE SITE PLAN. INSTALL FPL-FURNISHED 5" PRIMARY CONDUIT (OR DIRECTIONAL DRILL) AND TRANSFORMER PAD TO FPL SPECIFICATIONS AND REQUIREMENTS. OBTAIN ANY EASEMENTS OR RIGHTS-OF-WAY AND PAY ALL COSTS AND FEES ASSOCIATED THEREWITH. PROVIDE SERVICE LATERAL INDICATED.
2. PROVIDE FPL-APPROVED IN-LINE METER CAN IN LOCATION SHOWN IN PLANS SUITABLE FOR 100-AMP, 3-PHASE SERVICE AT ~~460 VOLTS~~ 230 V
3. PROVIDE 100 AMP, 3-POLE, 600 VOLT, ADJUSTABLE TRIP THERMAL-MAGNETIC CIRCUIT BREAKER WITH SHUNT TRIP IN NEMA 1 ENCLOSURE. LABEL THIS BREAKER AS "SERVICE MAIN DISCONNECT."
4. SERVICE GROUND TO BE ~~#1/0 BARE COPPER WIRE~~ ~~SERVICE MAIN BREAKER ENCLOSURE~~ TO BUILDING FOOTER REINFORCING STEEL BAR, TO TWO EACH, 20-FOOT DRIVEN COPPER ELECTRODES, 20 FEET ON CENTERS, MINIMUM, AND IF PRESENT, TO METAL WATER PIPE.
5. LIGHTNING ARRESTOR TO BE SQUARE D, MODEL SDSA3650.
6. STORMWATER PUMP CONTROL PANEL (PCP) WITH ANALOG/DIGITAL INPUT/OUTPUT CAPABILITIES TO AUTOMATICALLY RUN PUMPS AND MAINTAIN WATER LEVEL AT ADJUSTABLE PRESET LEVEL. PCP SHALL INCLUDE INTEGRAL FLOAT WIRING.

NORMAL PUMP OPERATION (ON FLOATS):
REFER TO PUMP STATION FLOAT CONTROLS FOR ESTABLISHED LEVELS.

- **Updated Bid Form 8I: Required Project Milestones Attached.**

LIQUIDATED DAMAGES:

Vendor is responsible for commencing work under this Solicitation / Agreement within 30 days upon receipt of the Notice of Award and must substantially complete the work not later than 90 calendar days thereafter, and to fully complete the work within 120 calendar days. The Vendor shall not be entitled to any damages on account of hindrances or delays in construction from any cause whatsoever. This paragraph shall include but not be limited to any actions which result in delays in scheduling, substantial changes in scope of work, or substantial increases in the costs of performing the work under this Agreement.

Liquidated damages will be assessed against Vendor in the amount of \$500 per day, for each day after each milestone that the work contemplated is incomplete.

- In Plans:

- Remove Reference to VFD in Plans
- The Reference to 460 Volt is changed to 240 Volt

<p style="text-align: center;">BID FORM 8I: Required Project Milestones</p>

The Vendor agrees to complete the required project milestones listed below within the time frame specified.

Milestone #1: _____

Required Milestone #1 Completion Time*: _____

Milestone #2: _____

Required Milestone #2 Completion Time*: _____

Required Substantial Completion Time*: **90 Days**

Required Final Completion Time*: **120 Days**

The Vendor agrees to accept liquidated damages and pay the City **Five Hundred Dollars (\$500)** for each consecutive calendar day, including rain days and holidays, that expires after each of the required project milestone completion times listed above until each are completed or, if no construction milestones are listed, the time specified for final completion until the Work has been fully completed. All milestone completion dates, including substantial and final completion, will be determined solely by the City. The City has the option to retain this amount from the compensation otherwise paid to the Vendor. Should the total amount chargeable as liquidated damages exceed the amount due or payable to the Vendor or his/her Surety, then such excess shall be paid to the City by the Vendor or his/her Surety.

(Signature of person signing form)

(Printed name and Title of person signing form)

Name of Bidder: _____

Address: _____

City/State/Zip: _____

Phone Number: (____) _____ FAX Number: (____) _____

* All completion times listed are consecutive calendar days, including rain days and holidays, that expire from (and including) the date when the Contract Time commences to run as written in the Notice to Proceed.

THIS FORM MUST BE COMPLETED AND RETURNED WITH YOUR BID.