



# St. Johns River Water Management District

Michael A. Register, P.E., Executive Director

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DATE: October 8, 2024  
TO: Prospective Respondents  
FROM: Mark Morris, Associate Procurement Specialist  
SUBJECT: Addendum 3 to Invitation for Bids 40442 – Burrell Lock Rehabilitation

The following clarifications/changes are provided for your information. Please make all appropriate changes to your solicitation documents.

Question 1:

Our hydraulics supplier has been looking through the specifications and has a question about the design calculation speed vs physical abilities of cylinders. At the cylinder specs listed your closing time is 107.9 seconds and opening is 64.7 due to the disproportionate surface areas. Is this a problem or should the design of the HPU system incorporate a variable flow/pressure to meet the calculated 75s open/75s close? This is non-typical with similar hydraulic systems they've designed in the past and will increase cost significantly.

Answer 1:

The total opening and closing time of approximately 175 seconds is acceptable. The design of the HPU system should not incorporate a variable flow/pressure to meet the previously specified 75s open/75s close times.

Question 2:

Are they sure they want to go with a 1 PH electric motor or do they have 220 3 PH available?

Answer 2:

Existing electrical system is a 240V three phase open delta configuration.

Question 3:

Exhibit 2: Slide Gate Specifications, Prepared by Black & Veatch Corporation, dated 8/7/2024, 14531 – Slide Gate Specification references sheets/drawings that weren't included in the documents that were available on DemandStar for this bid. As such, we have made the assumption that the drawings as released for the first bid in April of 2024 are still current and are the drawings that are to be used for the rebid. We would respectfully request that the District formally issue and make available all of the project drawings via an addendum.

Answer 3:

Exhibit 2: Slide Gate Specifications was provided as part of the following file "Exhibits 1-4 Burrell Lock.pdf", which was available to download as part of the solicitation package on August 30, 2024.

Question 4:

The slide gate specifications appear to have an undefined scope in regard to the hydraulic operations package. Is it the intent of SJRWMD to have the slide gates operate on a separate Hydraulic systems

package from the Mitre gate operators or is the hydraulics package scope to include a multi-function HPU system for operation of both systems? Some concerns are that in the event of a failure on one system i.e. slide gate, it could prevent operation of the other i.e. Mitre Gate.

Answer 4:

See the Cost Schedule and Exhibits 1, 2, and 5 for specifications and scope of the hydraulic operations package. It is not the intent of the SJRWMD to have the slide gates operate on a separate hydraulic systems package from the Mitre gate operators. The District understands that in the event of a failure in the slide gate, this could prevent operation of the Mitre gate.

**Please note, the bid opening date is being extended to 2:00 pm, November 4, 2024.**

Please acknowledge receipt of this Addendum on the **Bid Form** provided in the bid package.

If you have any questions, please e-mail me at [rmorris@sjrwmd.com](mailto:rmorris@sjrwmd.com) or Wendy Cox at [wcox@sjrwmd.com](mailto:wcox@sjrwmd.com).