

**CITY OF PORT ST. JOE, FLORIDA
NOTICE TO RECEIVE SEALED BIDS
RFP 2017-15
Surface Water Treatment Plant Clarifiers #3 and #4
Interior Renovation and Repaint**

Sealed bids for the City of Port St. Joe for the Surface Water Treatment Plant Clarifiers #3 and #4 Interior Renovation and Repaint will be received at City Hall, 305 Cecil G. Costin Sr., Blvd., Port St. Joe, Florida 32456 up until 3:00 PM EST, Friday, October 13, 2017. Bids will be publicly opened and acknowledged, Friday, October 13, 2017, at 3:05 PM EST, in the City Commission Conference Room.

Bids shall be submitted in a sealed envelope, plainly marked with bidder's name, address, date and time of opening, and RFP 2017-15 for "Water Treatment Plant Clarifiers #3 and #4 Interior Renovation and Repaint."

DESCRIPTION OF WORK: A complete bid package is available on the City's website at www.cityofportstjoe.com.

For questions concerning this Bid, please contact Surface Water Treatment Plant Superintendent Larry McClamma at 850-229-1421.

The City of Port St. Joe reserves the right to accept or reject any and all Statements of Bids in whole or in part, to waive informalities in the process, to obtain new Statements of Bids, or to postpone the opening pursuant to the City's purchasing policies. Each Statement of Bid shall be valid to the City of Port St. Joe for a period of sixty (60) days after the opening.

The City of Port St. Joe is an Equal Opportunity, Affirmative Action Employer.

NOTICE TO PUBLISHER: This legal ad is to appear on September 28, 2017, and October 5, 2017, in the Star Newspaper.

Please forward the original "Proof of Publication" and the invoice to:

The City of Port St. Joe
Attn: Charlotte Pierce, City Clerk
P.O. Box 278
Port St. Joe, FL 32457

1.3 PERTINENT DATA - CONTRAFLO®

- 1.) Clarifier Type: USFilter Type C CONTRAFLO®
- 2.) Process: Surface water withdrawn from a seventeen mile long surface water canal from the Chipola River treated by alum coagulant, polymer addition, and caustic soda
- 3.) Basin Design:
 - a. Number of Basins: Two
 - b. Basin Material: ¼" Thick A36 Carbon Steel Sidewall with Concrete Bottom
Concrete Bottom and Foundation not by USFilter-Memcor
 - c. Basin Size: 44'-0" Inside Dia.
 - d. Total Side Wall Depth: 16'-4"
 - e. Influent Pipe Diameter, Inches: 16" OD
 - f. Effluent Pipe Diameter, Inches: 16" OD
 - g. Sludge Draw Off Valve Diameter, Inches: 3" Nom.
 - h. Drain Pipe Diameter, Inches: 6" Nom.
- 4.) Hydraulic Design:
 - a. Design Flow Rate Total, GPM: 2160 (3.11MGD)
 - b. Design Flow Rate Each Basin, GPM: 1080
 - c. Max. Hydraulic Flow Rate Through Launder System, GPM: 1080 at 3in. W.C.
headloss
 - d. Max. Headloss from Influent to Effluent connection @ Design Flow: 9 in. W.C.
 - e. Water Depth @ Side Wall: 15'-0"
 - f. Basin Capacity, Gallons: 129,600
 - g. Total Basin Detention Time @ Design Rate, Minutes: 120
 - h. Flocculation Zone Detention Time @ Design Rate, Minutes: 30
 - i. Maximum Upflow Rate: 0.74 GPM/Sq. Ft. (2 feet below Normal Water Level @
Design Rate)

City of Port St. Joe

Surface Water Treatment Plant

Clarifier #3 Bid Specification

The following bid specification is for the interior renovation and repaint of Clarifier #3.

Scope of Work

Surface Preparation: All influent and effluent piping inside Clarifier must be covered to prevent sand or debris from getting into them. Once covered, ALL steel will be sandblasted to a “spot sweep blast” removing all rust and loose coatings to a SP-10 near white finish. All remaining coatings will be profiled to a 2-3 mil tight existing coating. All bare metal will be primed DAILY with Tnemec Pota-Pox Series 20HS NSF Approved epoxy to prevent any new rust from forming. Once all sandblasting and spot priming is complete, all dust and sand must be vacuumed out and the tank must be pressure washed thoroughly before any painting is to be done.

Spot Coat: Tnemec Pota-Pox Series 20HS NSF Approved Delft Blue at 6-8 mils dft.

Intermediate Coat: Tnemec Pota-Pox Series 20HS NSF Approved Beige at 6-8 mils dft.

Final Coat: Tnemec Pota-Pox Series 20HS NSF Approved White at 6-8 mils dft.

*The city will be responsible for removing rubber blades on scraper arms and removing or covering mixer chain drive.

The following bid specification is for the renovation and repaint of Clarifier #3 catwalk.

Scope of Work

Surface Preparation: The top, bottom, and sides of the catwalk will be sandblasted to a “spot sweep blast” removing all rust and loose coatings to a SP-10 near white finish.

Spot Coat: Top and Sides-Tnemec Pota-Pox Series 20HS NSF Approved Beige at 6-8 mils dft. Bottom-Delft Blue.

Intermediate Coat: Top and Sides-Tnemec Pota-Pox Series 20HS NSF Approved White at 6-8 mils dft. Bottom-Beige.

Final Coat: Top and Sides-Tnemec Endura-Shield Series 73 Urethane Delft Blue at 6-8 mils dft. Bottom-Tnemec Pota-Pox Series 20HS NSF Approved White at 6-8 mils dft.

Safety

Confined space procedures must be in accordance with OSHA 1926.21(b)(6) and OSHA 1926.353(b)

City of Port St. Joe

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Clarifier #3 Bid Specification

Warranty

The following warranty statement applies to the work and maintenance performed under the scope of work. Any issues or deficiencies that may arise during or after the course of this contract that are directly related to the current scope of work will be included in the warranty and shall be the sole responsibility of the contractor to pay for any repairs that may need to be done. The work done under this contract and scope of work will be covered under this warranty for a period of two (2) years.