

S-331 Pump Refurbishment

Governing Board Meeting

August 11, 2016

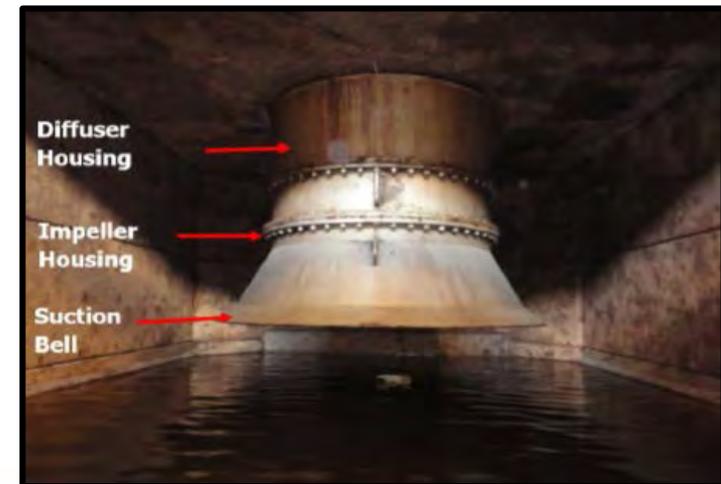
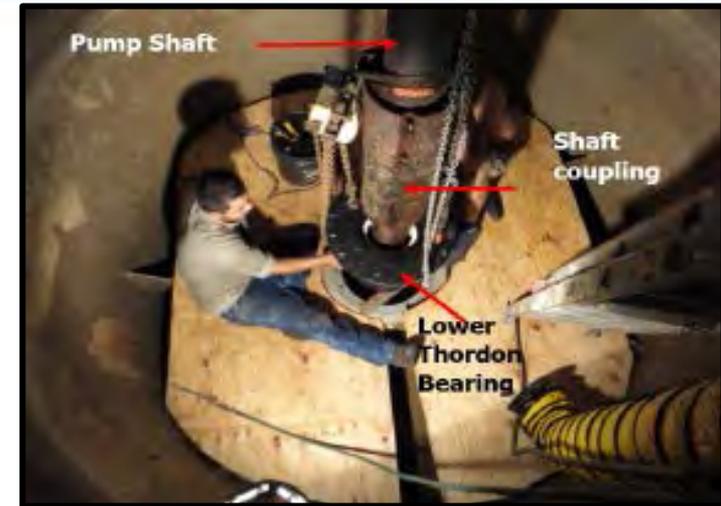
Rich Virgil, P.E.
Bureau Chief, Infrastructure Management
Operations, Engineering and Construction

Project Location



Project Scope for Each Pump

- **Remove, replace & reinstall:**
 - Lower bearing
 - Shaft using Aqualoy 22
 - Shaft sleeves, coupling & hardware
 - Shaft stabilizer & mechanical seal
- **Fabricate & install:**
 - New impeller housing using 316L SS
- **Inspect, repair, recondition & recoat:**
 - Suction bell housing
 - Diffuser assembly
 - Impeller
 - Bearing housing (outside only)
 - Pump casing
 - Discharge elbow



Bid Summary

- RFB Advertised: May 18, 2016
- Bid Opening: June 21, 2016
- Number of Bids Received: 1
- Bid: \$1,773,700
- Negotiated Amount: \$1,674,000
- Engineer's Estimate: \$1,612,911

Resolution

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 790-day contract with D.N. Higgins, the only responsive and responsible bidder, for the S-331 Pump Refurbishment Project, in the amount of \$1,674,000, of which \$100,000 is budgeted, and the remainder is subject to Governing Board approval of future years' budgets. (Contract number 4600003463) (Operations, Engineering and Construction, staff contact, Rich Virgil, ext. 6759)