



DATA SHEET
Agenda Item No. 16.A.

Meeting Date: October 5, 2017

Agenda Item:

Authorize the Executive Director to enter into purchase agreements:

- A. With Xylem Water Solutions USA, Inc. to ratify emergency purchase of one new replacement pump for the Lantana Lift Station for a total cost of \$74,587.00; and, for emergency repair of one existing pump for a total cost of \$33,085.20.

Placement:	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Individual Consideration	<input type="checkbox"/> Executive Session
Vote:	<input type="checkbox"/> Non-Weighted	<input checked="" type="checkbox"/> Weighted Capital	
Recommending Department: Operations			

Background:

The main electric feed to the Lantana Lift Station experienced two loss-of-phase interruptions on August 2, resulting in an immediate motor failure of one pump, and a follow up failure of a second motor on August 4. As a result, only two of the four Flygt pumps at the station were operational. The power interruptions were not discovered until the second motor failure. And, Staff determined that the automatic transfer switch had failed to switch power over to the secondary feed during the failure episodes. Following these discoveries, Staff immediately manually switched the station to the secondary electric feed and mobilized an emergency generator to the site. Then, on August 15, a third pump experienced mechanical failure. Staff scoured the nation, attempting to locate a compatible pump that was immediately available and could meet the hydraulics of the Lantana system. Xylem Water Solutions USA, Inc. (Xylem), the manufacturer of the Flygt pumps, was able to locate a suitable rental pump that was installed on August 18. Meanwhile, Xylem was also able to combine the motor and mechanical components from two of the failed pumps to provide one operational hybrid backup pump. The lift station has been operating in this manner since.

The 2017 Operating Budget had contained funds to purchase one new pump, because the existing pumps were reaching the end of their service life (see Agenda Item 16.B). Bids had already been received prior to the failure for this pending purchase. Using this bid price, an emergency purchase order was placed with Xylem to purchase a replacement pump, for a total cost of \$74,587, which included \$8,000 to expedite manufacture and delivery. Another emergency purchase order was placed with Xylem to repair one of the existing pumps for a cost of \$33,085.20. The total emergency purchase ratification payments to Xylem are \$107,672.20.

Financial:

Funding is included in the FY 2018 Operating Budget.

An insurance claim is being prepared in an attempt to recover a portion of these costs associated with the power interruption to the station.

Recommendation:

Ratify emergency purchase orders with Xylem Water Solutions USA, Inc. for the purchase of one new Flygt Pump and the repair of an existing pump for the Lantana Lift Station.

Submitted By: 
 Jody Zabelio, Director of Operations

Date: September 29, 2017