

TO: John Paul Castro, City of Key West

COPIES: John Bartelmo, CH2MHIL / OMI, Inc.

FROM: Ricky Collins, CH2MHILL / OMI, Inc.

DATE: October 31, 2017

SUBJECT: Lift Station “B” Pump Repair

Action statement:

To repair pump for L/S “B”.

Background:

Station “B” is the most critical location of any pump station on the island due to the large collection system sewage flow it receives. It is equipped with two 60 h.p. Flygt submersible pumps. Pump # 1 failed during hurricane Irma.

Purpose and Justification:

Station “B” located at 613 Greene St. receives sewage flow from pump stations old town district / Sunset Key, and the gravity system around the station.

Options:

First option is to purchase a new pump from Xylem at a cost of >\$ 40,000.00

A second option would be to have the pump repaired at Kaman Industries for \$26,762.00

Have the pump rebuilt by another vendor such as Flygt or independent shop these options require a long lead time due to heavy demand after the Hurricane.

Financial Impact:

Impact to the general sewer fund will be \$ 26,762.00

Recommendation:

Staff recommends having the pump rebuilt by PSI Technologies Inc.