



THE CITY OF KEY WEST

201 William Street Key West, FL 33040 (305) 809-3790

EXECUTIVE SUMMARY

TO: Key West Bight Management District Board

FROM: Karen Olson, Deputy Director Port & Marine Services

DATE: December 6, 2021

SUBJECT: Purchase of Four (4) KECO Peristaltic Pump Systems

ACTION STATEMENT

Approving the sole source procurement of four (4) model 900R peristaltic "remote" pump systems for C, D, F & H Docks at Key West Bight Marina from KECO Pump and Equipment in the amount of \$89,761.15 per Key West City Ordinance Sections 2-797(1)(c), 2-843(a)(4) and 2-844(a). And approving the necessary budget transfer.

BACKGROUND

The Key West Bight Marina has 11 docks serviced by six (6) KECO peristaltic pump systems. The existing pumps are 3HP, are over 15-years old, with suction runs ranging from 330' to 550'. Due to the pump size, age and suction runs, creating lower vacuum pressure, pump-out times are increased causing pump timeouts to prevent overheating. For many of the larger vessels this leads to a long, slow and incomplete pump-out. A and E docks existing 3HP peristaltic pumps were upgraded with the larger KECO 5HP pumps earlier this year.

PURPOSE AND JUSTIFICATION

Upgrading the old 3HP peristaltic pump systems with the new KECO 5HP systems will reduce pump times and assure complete pump-outs as is apparent with the new pumps on A and E Docks.

All the peristaltic pump systems within the Key West Bight Marina, City Marina at Garrison Bight and Key West Bight Ferry Terminal are exclusively manufactured by KECO Pump and Equipment. Purchasing standardized KECO pumps allow us keep spare parts on site and affords our staff familiarization with the equipment thus ensuring rapid repair of any future breakdowns.

FINANCIAL ISSUES

This project has been partially budgeted in the Key West Bight Infrastructure Fund account #405-7503-575-6300 (KB75032203) in the amount of \$76,000. A budget transfer in the amount \$13,800 from reserves is required.

RECOMMENDATION

Staff recommends approving the sole source procurement of four (4) model 900R peristaltic “remote” pump systems for C, D, F & H Docks at Key West Bight Marina from KECO Pump and Equipment in the amount of \$89,761.15 per Key West City Ordinance Sections 2-797(1)(c), 2-843(a)(4) and 2-844(a). And approving the necessary budget transfer.