



## THE CITY OF KEY WEST

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MEMORANDUM

### EXECUTIVE SUMMARY

**TO:** Key West Bight Management Board

**CC:** Bogdan Vitas – City Manager  
David Fernandez – Asst. City Manager  
Doug Bradshaw – Director of Port and Marine Services

**FROM:** John Paul Castro, Key West Bight Operations Manager

**DATE:** January 8, 2014

**SUBJECT:** Task Order for Seawall and Piling Assessment

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**ACTION STATEMENT:**

Attached is task order number 16 from Chen Moore and Associates for Key West Bight Seawall and Piling Assessment recommended for approval in the amount of \$19,925.00

**BACKGROUND:**

While most of the seawall and pilings in the Key West Bight are in good condition the latest seawall renovation was completed in 1996 comprised of steel sheet pilings and a concrete seawall cap along the bulkhead near Buffet Studio and Conch Republic Seafood. All other seawalls in the Bight are older than 1996.

The pilings throughout the Bight are also at differing ages. Most are in good condition. The assessment will give us a priority to repair or replace, as necessary, the wearing pilings and schedule preventative maintenance.

**PURPOSE & JUSTIFICATION:**

The purpose of the assessment is to create a maintenance plan for the marina structures. The inspection will also report on multiple areas of concern.

The bulkhead underneath Half Shell Raw Bar can be seen to have cracks and appears is being undermined.

The wall that is being repaired at Turtle Kraals is due to ground settlement that has a probability of wash out from a faulty bulkhead that needs to be assessed.

The outboard pilings at the Ferry Terminal are decaying at the waterline and will need to be replaced in the near future.

*Key to the Caribbean – Average yearly temperature 77° F.*

As stated above, all other pilings and bulkheads seem to be in satisfactory condition.

**OPTIONS:**

1. Approve task order number 16 from Chen Moore and Associates to undertake a Seawall and Piling Assessment for \$19,925.00
  
2. Do not approve task order number 16 from Chen Moore and Associates and deal with repairs of structural marina pilings and bulkheads as seen necessary.

**FINANCIAL IMPACT:**

The 2012/2013 budgeted amount for this project has a balance of \$20,000 in account 405-7503-575-6300.

**RECOMMENDATION:**

City staff recommends approval of the task order number 16 Chen Moore and Associates for Seawall and Piling Assessment at Key West Bight in the amount of \$19,925.00

**ATTACHMENTS:**

Task order 16 from Chen Moore  
Fee Schedule  
General Services Contract