



## THE CITY OF KEY WEST

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# EXECUTIVE SUMMARY

**TO:** Community Redevelopment Agency

**FROM:** Key West Bight Management District Board  
Karen Olson, Port & Marine Services Deputy Director

**DATE:** November 28, 2016

**SUBJECT:** Task Order for Turtle Kraals Seawall Repair KB1509

### ACTION STATEMENT

Resolution approving Seawall Assessment and Permitting Task Order to Tetra Tech, Inc. for Turtle Kraals Seawall in the amount not to exceed \$81,580.

### BACKGROUND

The Historic Seaport has over 1,800lf of seawall bordering the Key West Bight. A majority of the seawall is in good condition with the last seawall renovation completed in 1996. Maintaining the Bight's seawall is crucial for stabilization and preservation of the upland property within the Seaport.

A general structural assessment was completed by United Engineering in June 2014 indicating the most significant deterioration of the seawall was located from C-dock, east to the end of Seaport property, just past Half Shell Raw Bar. In August 2015 staff tasked a more detailed structural assessment of this area to provide design options and opinions of probable cost for repair. This portion of seawall repair has been designed, by Tetra Tech, Inc., bid and will be scheduled for construction in early 2017.

The second most significant area of deterioration in the seawall, as noted in United Engineering's report, is located west of C-dock from Turtle Kraals to Schooner Wharf Bar.

The Key West Bight Management District Board approved this item at their December 7, 2016 meeting.

### PURPOSE & JUSTIFICATION

The City of Key West advertised RFQ #14-004 for Environmental Engineering Services. Tetra Tech, Inc. was one of two firms awarded a three year contract under Resolution #14-359.

EXECUTIVE SUMMARY

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

Tetra Tech, Inc. has a particular expertise in Coastal Engineering including seawall restoration and has provided similar services to the City of Key West in the past. Seaport staff is confident that Tetra Tech, Inc. along with their sub-consultants, are the best choice for the structural assessment and permitting services for the seawall.

The Task Order will provide full Environmental Engineering Services including, bathymetric and environmental resource resurveys, underwater structural inspection, preliminary assessment plans and report, design options, opinion of probable costs, environmental permitting documents and permit submittal.

### **RECOMMENDATION**

Key West Bight Management District Board recommends approving the Seawall Assessment and Permitting Task Order to Tetra Tech, Inc. for Turtle Kraals Seawall repair in the amount not to exceed \$81,580.

### **FINANCIAL IMPACT**

Funds will be used from the Key West Bight Infrastructure Fund account #405-7503-575-6300 (KB1509 – Seawall Repairs). Upon approval, a purchase order will be issued to Tetra Tech, Inc. in the amount not to exceed \$81,580.