



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

TO: Community Redevelopment Agency

FROM: Karen Olson, Deputy Port & Marine Services Director

DATE: January 25, 2016

SUBJECT: Approve Task Order for Seawall Repair KB1509

ACTION STATEMENT

Approving Structural Design Task Order to Tetra Tech, Inc. for Half Shell Raw Bar Seawall and Overhang repair in the amount not to exceed \$59,414.

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 Atkins North America, Inc. completed a more detailed assessment of this area and the Half Shell Raw Bar Overhang to provide design options and opinions of probable cost for repair.

This item was approved by the Key West Bight board on February 10, 2016.

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.

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 design choice for the rehabilitation of the seawall and overhang,

MEMORANDUM

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

The Structural Design Task Order will provide full Environmental Engineering Services including, bathymetric and environmental resource resurveys, preliminary assessment plans, design documents, environmental permitting documents, procurement support, construction documents and specifications, limited construction oversight and as-built drawings.

Tetra Tech Inc. has requested to add to their sub-consultant list of their contract. Per Sec. 7.6, of the executed agreement, the Contract Administrator may approve the changing or adding to the approved sub-consultants list. The added sub-consultants to the executed agreement are as follows:

Avirom & Associates, Inc. - Surveyors & Mapping

Wantman Group, Inc. – Landscape Architecture & Consulting Engineers

Anderson Andre Consulting Eng, Inc. – Geotechnical Engineering & Construction Materials Testing.

RECOMMENDATION

Staff recommends approving the Structural Design Task Order to Tetra Tech, Inc. for Half Shell Raw Bar Seawall and Overhang repair in the amount not to exceed \$59,414

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 \$59,414. Remaining project balance of \$420,588 will be utilized for construction.