



## THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

# EXECUTIVE SUMMARY

**TO:** Patti McLauchlin, City Manager

**FROM:** Karen Olson, Deputy Director Port & Marine Services

**DATE:** November 22, 2022

**SUBJECT:** City Marina Liveaboard Seawall Assessment

### **ACTION STATEMENT**

Resolution approving a Structural Assessment Task Order to Tetra Tech, Inc. for the Liveaboard Seawall in the amount not to exceed \$52,342.00 and authorizing necessary budget transfer.

### **BACKGROUND**

The Liveaboard Seawall consists of four piers (Tarpon, Marlin, Sailfish and Dolphin) at City Marina and is home to 109 vessels/ floating structures leasing liveaboard slips. The concrete seawall built over 50 years ago is showing signs of structural damage from age and harsh environment. This assessment will determine the necessary repairs needed to maintain its operational usefulness.

### **PURPOSE & JUSTIFICATION**

The City of Key West advertised RFQ #20-002 for Environmental Engineering Services. Tetra Tech, Inc. was one of four firms awarded a three-year contract under Resolution #20-039.

Tetra Tech, Inc. has an expertise in Coastal Engineering including seawall assessments 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 Liveaboard Seawall Assessment.

The Structural Assessment Task Order will provide structural conditions investigation, engineering assessment with existing condition plans, 2 – 3 repairs options, opinion of probable costs and underwater video documentation.

### **FINANCIAL IMPACT**

This structural assessment has not been budgeted and a budget transfer from the Liveaboard Capital Improvement Fee fund 413-0000-223-1400 to Marina Operations account 413-7551-575-3100 (professional services) is necessary. Upon approval, a purchase order will be issued to Tetra Tech, Inc. in the amount not to exceed \$52,342.00.

### **RECOMMENDATION**

Staff recommends approving a Structural Assessment Task Order to Tetra Tech, Inc. for the Liveaboard Seawall in the amount not to exceed \$52,342.00 and authorizing necessary budget transfer.

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

MEMORANDUM