



## THE CITY OF KEY WEST

3140 Flagler Ave Key West, FL 33040 (305) 809-3792

**TO:** Jim Scholl, City Manager

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

**Cc:** Greg Veliz, Asst. City Manager

**DATE:** December 6, 2016

**SUBJECT:** Award ITB #17-001 Mooring Field Anchor Head Replacement – City Marina at Garrison Bight

### **ACTION STATEMENT**

Resolution approving the award for Invitation to Bid (ITB) #17-001 Mooring Field Anchor Head Replacement - City Marina at Garrison Bight to American Underwater Contractors, Inc. and authorize the City Manager to execute the contract in the amount of \$69,772.

### **BACKGROUND**

The Key West Mooring Field is comprised of one hundred forty-nine (149) mooring anchors which serve recreational boaters who have the desire to moor vessels in Key West nearshore waters. These anchors provide a safe and secure method of anchoring vessels and at the same time protect our sensitive nearshore environment from the damaging effects of conventional anchoring.

The first phase of mooring anchors, eighty-one (81) in total, were installed approximately 17 years ago. These anchors are hollow core helix rock cutting anchors/ heads designed to penetrate deep into the seafloor substrate to provide excellent hold attachment for mooring down lines, which reach the ocean's surface, where a float is attached that boaters tie off to. The anchors have provided years of service but have reached the end of their useful life expectancy.

### **PURPOSE & JUSTIFICATION**

Staff has performed inspections over the past few years and have monitored wear condition on the anchors, there is a need for replacement of the first phase installed. The eighty-one (81) anchors will be replaced with new rock cutting solid core helix anchors which greatly exceed life expectancy of hollow core anchors and anchor heads. The new anchor systems will provide years of use for both locals and visitors who desire to moor vessels in Key West nearshore waters.

MEMORANDUM

ITB #17-001 was advertised on October 16, 2016 seeking bids from qualified individuals or firms for the replacement of forty-six (46) helical anchors/heads at the Mooring Field - City Marina at Garrison Bight.

Two (2) responses were received on November 16, 2016:

1. American Underwater Contractors, Inc. \$ 44,852.00 (+ \$48LF/ extensions)
2. Seamar Divers, LLC \$ 118,744.00 (+ \$50LF/ extensions)

All bids were reviewed by Seaport Staff and American Underwater Contractors, Inc. was determined to be the lowest responsive bidder.

Addendum #1 added language to the contract as follows:

*“The City anticipates the installation of (46) forty-six anchors and anchor heads. However the City reserves the option to add additional anchors and anchor heads, under this contract, up to the approved project budget.”*

Per email correspondence, dated November 22, 2016, American Underwater Contractors, Inc. confirmed they would provide additional anchors at the bid price. Staff recommends replacement of the remaining thirty-five (35) hollow core anchors/heads for \$712 each at a cost of \$24,920 for a contract total of \$69,772.

### **FINANCIAL IMPACT**

Port and Marine Services budgeted for this project in the Garrison Bight Mooring Field Repairs and Maintenance account 413-7554-575-4600 in the amount of \$90,000.

### **RECOMMENDATION**

Staff recommends approving the award for Invitation to Bid (ITB) #17-001 Mooring Field Anchor Head Replacement - City Marina at Garrison Bight to American Underwater Contractors, Inc. and authorizing the City Manager to execute the contract, for the base bid and additional anchors/heads, in the amount of \$69,772.