



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

Date: January 6, 2020
To: Gregory W. Veliz, City Manager
From: Ian McDowell, E.I., Assistant Engineer
Subject: Procurement of Mole Pier marine fenders and accessories

Action Statement

Approve purchase of marine fenders and hardware from Trelleborg Marine Systems (Trelleborg) on behalf of the Navy using \$252,250.00 of in-kind funds pursuant to City of Key West Code of Ordinances Section 2-797 (1), sole source procurement, and in accordance with Section 2-844, brand name specifications. Authorize necessary budget transfers.

Background

In lieu of rent payments to the Navy for the use of the Mole Pier at Truman Harbor, the City has agreed to perform certain in-kind projects per the terms of public benefit lease (PBL) N69450-12-RP-00166 which was approved by resolution 14-034. This procurement is consistent with ongoing maintenance and refurbishment of Trelleborg high-density foam marine fenders through in-kind projects as specified by the Navy in 2013 with project OM1302 and again in 2017 with project OM19001702. Trelleborg continues to be the system of choice due to its performance and refurbishment program. Navy in-kind authorization letter AM12/0117 on November 12, 2020 approved the use of in-kind funds up to \$403,512.91 for replacement and repair of fenders at the Mole Pier.

Engineering Services staff subsequently requested and received the attached cost proposal from Trelleborg in the amount of \$252,250.00.

Purpose and Justification

Portions of the fenders and hardware at the Mole Pier are once again reaching the end to their useful service life and must be replaced to maintain operations. Deterioration has reached a point where fenders are in danger of breaking away from the pier without warning. The imminent failure of the existing fender system will severely limit Mole Pier mooring capabilities for Naval vessels as well as poses a potential hazard if fenders were to break away and become lost.

NASKW staff conducted inspections and assessment of the fender system and subsequently requested that the City procure three replacement Trelleborg marine fenders for installation at the Mole Pier as well as various hardware including shackles, chains, brackets, and endplates. Five fenders are beyond refurbishment and must be replaced with entirely new units. Refurbishment of up to three fenders is accounted for in the case that their condition is found to be beyond field serviceable when teardown and repair commences.

To address this emergency in a timely manner owing to extensive lead times, materials will be ordered ahead of and separate from any necessary labor. Navy staff are to remove and replace whole fenders, but some hardware will need to be replaced on-site that will require additional labor.

Replacement materials include:

Fenders	5
Refurbishment	3
Pad-eye brackets	12
Shackles	69
Chains	25
Endplates	20

The Navy's existing moorings at the Mole Pier utilize Trelleborg foam fenders. Exact replacement at the Mole Pier guarantees the expected levels of performance of the mooring system and provides the Navy with significant cost-saving refurbishment options going into the future.

Financial

Funds in the amount of \$252,250.00 will be transferred to account #602-1900-519-4600 for project OM19002101 from Navy Reserves account #602-1900-519-9800 as authorized by the City Manager.

City Staff and Navy representatives have reviewed the cost proposal received from Trelleborg and found it reasonable and well within the authorized not-to-exceed amount.

Recommendation

Staff recommends approving the purchase of marine fenders and hardware from Trelleborg Marine Systems North America, Inc. on behalf of the Navy using \$252,250.00 of in-kind funds pursuant to Section 2-797 (1), Sole Source Procurement, and in accordance with Section 2-844, Brand Name Specification, of the City of Key West Code of Ordinances, and authorizing all necessary budget transfers.