MEMORANDUM

Date: October 9, 2025

To: Honorable Mayor and City Commission

Via: Brian L. Barroso
City Manager

From: Doug Bradshaw
Engineering Director

Subject: Approving a task order TO05-25 to Jacobs Engineering Group, Inc. in an amount not to exceed $536,852 for Mallory Wharf Repair Design and Permitting Services.

Introduction
Resolution approving a task order to Jacobs Engineering Group, Inc. in an amount not to exceed $536,852 for Mallory Wharf Repair Design and Permitting Services.

Background
The Mallory Pier facility is an extremely important asset to the City. In addition to the revenue it can generate docking passenger ships, the facility hosts the nightly sunset celebration that is attended by thousands of visitors each year.

In April 2025 the City tasked Tetra Tech to perform a structural assessment of the 160'x40' Mallory Wharf, seawall, and mooring dolphins due to issues documented during an inspection of the seawall in April 2024. The inspection was performed by Tetra Tech's sub-consultant WGI, Inc. between April 28 and May 2, 2025.

The results of the inspection are summarized below:

- The wharf superstructure consists of precast deck units, which are in poor condition.
- About 80% of the deck slabs had exposed reinforcing steel with section loss or showed early indications of delamination and spalling.
- The piles of the substructure were observed to be in good condition with only minor spalling observed on some piles.
- The piles caps were observed to be in fair condition with spalling, rust stains, and loss or deterioration of grout noticeable on the joints and pile connection of each cap.
- The mooring dolphins to the wharf were observed to be in fair condition.
- The mooring dolphins steel pipe piles observed had minor rust.
- The pile cap connection with the piles was observed to be spalled up to a maximum depth of 18".
- The sea wall sheet piles were observed to be in fair condition with corrosion occurring primarily in the splash zone and above the water line.
- The reinforced concrete cap was found to be in poor condition along the entire length.

Based on the results of the inspection WGI, Inc. recommends the following:

- Limit load capacity on the wharf until the above repairs or replacement are complete.
- Remove and replace all the existing concrete slabs and toppings of both spans.
- Using concrete restoration techniques, repair the spalls on the pile caps.
- Using concrete restoration techniques, repair cracks on pile caps.
- Using concrete restoration techniques, repair grouted connections between the joints of the pile caps.
- Using concrete restoration techniques, repair grouted connections between the piles and the pile caps.
- Remove and replace the seawall sheet pile cap.
- Clean and repair corrosion on existing sheet piles.

The task order from Jacobs Engineering Group, Inc will include the permitting and engineering required to implement the recommendations.

Procurement

The Mallory Square Wharf Rehabilitation project is budgeted in Infrastructure account number 101-4302-543-6300, under the Capital Improvement Plan project number IS 4302 2501. The permitting/ design/construction is partially funded through a Monroe County Tourist Development Council (TDC) Grant ($2,603,464).

Recommendation

The City Manager's Office recommends approving a task order to Jacobs Engineering Group, Inc. in an amount not to exceed $536,852 for design and permitting for the repairs to the Mallory Wharf, authorizing any necessary budget transfers or adjustments and authorizing the city manager to execute documents upon consent of the city attorney.