



## THE CITY OF KEY WEST

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**TO:** Jim Scholl, City Manager

**FROM:** Jim Bouquet, P.E., Director of Engineering

**CC:** Greg Veliz, Assistant City Manager  
Sarah Spurlock, Assistant City Manager

**DATE:** April 8, 2016

**SUBJECT:** **Construction Engineering/Inspection Services for Repairs and Improvements at Zero Duval Seawall and the Mallory Square T-Pier.**

### **ACTION STATEMENT:**

Authorize the City Manager to execute Task Order 3-16 Ports for CH2M Hill to provide Construction Engineering/Inspection Services for the *Repairs and Improvements at Zero Duval Seawall and the Mallory Square T-Pier* project in the total amount of \$85,161.40 and provide for any necessary budget transfers/amendments.

### **BACKGROUND:**

CH2M Hill, under Resolution 12-168, substantially completed the design and permitting for the Repairs at Zero Duval and Mallory Square T-Pier. The projects were placed on hold while awaiting grant funding. Subsequently, the City Commission (Resolution 14-266) accepted \$762,000 in Florida Department of Transportation (FDOT) Joint Participation Agreement grant funding for the Mallory Square portion of the project. With grant funding now available, CH2M Hill (under Resolution 15-138) updated/finalized a single set of bid documents (dated January 2016) encompassing both the Zero Duval Seawall and the Mallory Square T-Pier projects. The project was subsequently bid as Invitation to Bid (ITB) 002-16 and the City Commission awarded the \$1,418,469.00 construction contract to Shoreline Foundation, Inc. under Resolution 16-112.

### Construction Engineering and Inspection

The CITY requested CH2M Hill (CH) provide limited construction phase services for the combined projects. As described in the attached Task Order 3-16 Ports, CH will provide the following Scope of Services for the estimated nine (9) month construction period.

MEMORANDUM

- Coordinate and conduct the pre-construction meeting and distribute meeting minutes.
- Coordinate and conduct monthly progress meetings and distribute minutes.
- Review shop drawings and other construction related submittals.
- Assist in the technical interpretations of the drawings, specifications and contract documents and formally address contractor's technical requests.
- Conduct specialty inspections at the construction site. Specialty inspections are based on trips at varying times and lengths to observe milestones in construction.
- Perform substantial completion and final inspections.
- Prepare record drawings based on mark-ups from the contractor and submit permit close out documentation.

The total estimated fee for this task order is \$85,161.40.

#### **PURPOSE & JUSTIFICATION:**

The seawall bulkhead and stormwater outfall pipe located at Zero Duval are in poor condition and undermining of the adjacent roadway is occurring. The bulkhead will be replaced, outfall repaired (including tide valve installation) and roadway stabilized. The northern section of the T-Pier is cracked due to cruise ship movement while docked. This action is compromising integrity of the entire pier. The damaged section of pier will be removed and a new section designed to withstand cruise ship action constructed.

Construction Engineering and Inspection by the Engineer of Record (CH) is a critical component of a successful project, providing both construction quality assurance and technical support beyond the capabilities/qualifications of City staff.

This project supports Goal #4 of the 2011 Key West Strategic Plan, specifically: *Long term sustainability of the City's hard assets.*

#### **FINANCIAL IMPACT:**

The fee of \$85,161.40 for this task order will be funded under Project EN1002 Zero Duval Seawall Replacement/Mallory Pier Fender Replacement (account #101-1900-519-6300).

Task Order 3-16 Ports will be performed on a time and materials basis in accordance with the General Engineering Services Agreement between the City and CH. This agreement was originally authorized under Resolution 12-280 and renewed under Resolution 15-208.

#### **RECOMMENDATION:**

Staff recommends authorizing the City Manager to execute Task Orders 3-16 Ports for CH2M Hill to provide Construction Engineering/Inspection Services for the *Repairs and Improvements at Zero Duval Seawall and the Mallory Square T-Pier* in the total amount of \$85,161.40 and provide for any necessary budget transfers/amendments.