

**TASK ORDER 3-16 PORTS**  
**ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE SEAWALL**  
**REPAIRS AT ZERO DUVAL AND IMPROVEMENTS TO**  
**MALLORY SQUARE T-PIER**

This TASK ORDER is issued under the terms and conditions of the AGREEMENT TO FURNISH GENERAL ENGINEERING SERVICES TO THE CITY OF KEY WEST ("AGREEMENT") between the City of Key West ("CITY") and CH2M HILL, Engineers, Inc. ("CONSULTANT") dated November 19, 2012 which is incorporated herein by this reference.

A. SCOPE OF SERVICES

Specific services that the CONSULTANT agrees to furnish are summarized on the attached statement entitled TASK ORDER 3-16 PORTS SCOPE OF SERVICES. The Scope of Services defines the work effort anticipated for the Task Order.

B. TIME OF COMPLETION

Work under this Task Order will begin immediately following acceptance and be completed expeditiously subject to coordination with the City of Key West staff.

C. COMPENSATION

Compensation for the labor portions of TASK ORDER 3-16 PORTS, Task A, and all expenses will be on a Cost Reimbursable-Per Diem basis as stipulated in Article 5, Paragraph 5.1.2 of the AGREEMENT. The estimated compensation is shown on the attached statement entitled TASK ORDER 3-16 PORTS COMPENSATION.

D. ACCEPTANCE

By signature, the parties each accept the provisions of this TASK ORDER 3-16 PORTS, and authorize the CONSULTANT to proceed at the direction of the City's representative in accordance with Article 1, SCOPE OF SERVICES. Start date for this Project will be no later than ten (10) days after execution of this authorization.

For CH2M HILL, Engineers Inc.

For CITY OF KEY WEST

By: \_\_\_\_\_  
Max Mozo, P.E.  
Vice President

By: \_\_\_\_\_  
Jim Scholl  
City Manager

\_\_\_\_\_  
Sean McCoy, P.E.  
Key West Project Manager

Dated the \_\_\_\_ day of \_\_\_\_\_, 20\_\_

ATTEST: \_\_\_\_\_

# **TASK ORDER 3-16 PORTS**

## **ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE SEAWALL REPAIRS AT ZERO DUVAL AND IMPROVEMENTS TO MALLORY SQUARE T-PIER**

### **SCOPE OF SERVICES**

#### **Project Description**

The seawall at Zero Duval Street is showing significant signs of failure and material from behind the wall is being washed out causing the landside surfaces to sink. Additionally the existing storm water outfall pipe is becoming dislodged from the wall and does not appear to be functioning as intended. Both adjacent seawalls (Pier House and Ocean Key Resort) have been recently repaired and appear in good condition.

Separately, in another area in the vicinity of Zero Duval the Mallory Wharf has modifications required to meet growing needs to safely and securely dock cruise ships and other vessels. In order to enhance the berthing plan and passenger / crew accesses modifications to the T-pier area must be made including mooring structure improvements and fender revisions.

The City has completed the design of the seawall repairs at Zero Duval Street as defined above as well as the design performance criteria for the Fury Watersports dock and registration booth relocation and reconstruction. The City has also completed the design for the modifications to the T-Pier. These design tasks were completed as part of Task Order 3-12 PORTS with CH2M HILL.

#### **Purpose**

The CITY has requested that the ENGINEER provide limited construction phase services for the combined projects. This Task Order describes the ENGINEER's Scope of Services for the Construction Phase.

#### **Scope of Service**

The following tasks describe the activities to be performed and the work products to be prepared by the ENGINEER.

#### **Task A – Construction Phase Services**

The ENGINEER will perform limited construction phase services listed in this Task Order for a construction period that is estimated to be nine (9) months. The CITY will be responsible for full-time resident observation.

The ENGINEER will perform the following activities during this portion of the project.

- The ENGINEER will coordinate and conduct one pre-construction meeting and distribute meeting minutes.
- At the request of the CITY, coordinate and conduct monthly progress meetings and prepare and distribute meeting minutes; attendance at up to nine (9) meetings is assumed by the local Project Manager. Technical Lead will attend Progress Meetings via phone. Technical Lead may attend scheduled progress meetings in person if designated specialty inspection site visits coincide with scheduled progress meeting.
- At the request of the CITY, review up to thirty two (32) shop drawings and other construction related submittals.
- At the request of the CITY, the ENGINEER will provide up to 40 hours to assist in the technical interpretations of the drawings, specifications, and contract documents, and evaluate requested deviations from the approved design or specifications including response to RFI's to formally address contractors technical requests.
- Conduct up to five (5) specialty inspections at the construction site. Specialty inspections are based on trips at varying times and lengths to observe milestones in construction as follows:
  - Mallory T-pier - During Drilled Shaft Installation (1 day on site)
  - Mallory T-Pier - Concrete Cap Reinforcing (1 day on site)
  - Zero Duval - Midway through Steel Sheet Pile Installation (3 days on site)
  - Zero Duval - During Soil Anchor Installation (3 days on site)
  - Zero Duval - Concrete Cap Reinforcement Review (2 days on site)
- At the request of the CITY, perform a substantial completion inspection of the project and assist in the preparation of a punch-list.
- At the request of the CITY, perform a final completion inspection of the project.
- Prepare record drawings based on mark-ups from the CONTRACTOR.
- Prepare Permit close out documentation

### **Deliverables**

- One (1) copy of pre-construction meeting minutes
- One (1) copy of each progress meeting minutes
- Two (2) copies each reviewed shop drawings
- Two (2) copies each Request for Information
- One (1) copy of punch list
- One (1) full size copy, two (2) 11" x 17" copies, and one (1) electronic copy of record drawings
- One (1) copy permit close out documentation

## **Assumptions**

The following assumptions were used in the development of this Task Order:

- Existing topographic survey information will be used as available. No budget is included for additional Geotechnical investigations or site surveying.
- No land or bottomland costs shall be included in cost estimating for the project.
- Legal, easement, or plat survey or acquisitions will be the responsibility of CITY.
- Relocation of coral communities (if required) are not included in this scope of work.
- The CITY will pay for all permit application fees.
- No additional permitting is required.
- Construction will be completed in second half calendar year 2016.
- The construction services will be provided for a single construction contract.
- Meetings will be held in Key West with at least one ENGINEER staff attending in person, others will attend via conference call.
- Contractor is responsible for obtaining dewatering and City required permits.
- Any labor and expenses required to address construction claims, unforeseen subsurface considerations or additional construction time requested by the CONTRACTOR or OWNER will be considered as "Additional Services".

## **Obligations of the CITY**

To assist meeting schedule and budget estimates contained in this proposal, the CITY will provide the following:

- The CITY will provide all legal, easement, or plat survey and/or acquisitions required for additional property necessary to complete the project.
- Prompt review and comment on all deliverables (within 10 working days of receipt).
- The City will coordinate and implement all Public involvement activities.
- Facilitate access to any required facilities
- Attendance of key personnel at meetings as requested
- Payment of all permit application fees through contract allowances.
- The CITY will be responsible for full-time resident observation.
- The City will identify temporary location for tenant structures and will coordinate or execute the plan to relocate and/or replace tenant structures.

## **Additional Services**

The ENGINEER will, as directed, provide additional services that are related to the project but not included within this Scope of Services. These and other services can be provided, if desired by the CITY, as an amendment to the Task Order. Work will begin for the Additional Services after receipt of a written notice to proceed from the CITY. Additional services may include, but are not limited to, the following:

- Resident observation, providing a full-time resident on-site during construction
- Additional construction phase service not included in this scope
- Additional Permitting (if required)
- Design services for the replacement of existing tenant structures
- Additional design work.
- Coral community relocation or additional environmental studies or analyses required by the permitting agencies.

## **Schedule**

The estimated schedule for TASK ORDER 3-16 PORTS is shown on below.

- Notice to Proceed: May 2016
  - Nine (9) month Construction Contract
- Final Completion January 2017
- Contract Close Out February 2017

## **Compensation**

The estimated compensation for TASK ORDER 3-16 PORTS is shown on Attachment A entitled TASK ORDER 3-16 PORTS, COMPENSATION.

Attachment A  
TASK ORDER 3-16 PORTS COMPENSATION

