

TASK ORDER 2-15 PORTS
ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE SEAWALL
REPAIRS AT ZERO DUVAL AND IMPROVMENTS 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 2-15 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 2-15 PORTS, Task A will be on a lump sum fee basis as stipulated in Article 5, Paragraph 5.1.1 of the AGREEMENT. Compensation for the labor portions of Tasks B 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 2-15 PORTS COMPENSATION.

D. ACCEPTANCE

By signature, the parties each accept the provisions of this TASK ORDER 2-15 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

Andrew H. Smyth, P.E.
Key West Office Manager

Dated the ____ day of _____, 20__

ATTEST: _____

TASK ORDER 2-15 PORTS
ENGINEERING SERVICES FOR THE CONSTRUCTION OF
THE SEAWALL REPAIRS AT ZERO DUVAL AND
IMPROVMENTS 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.

Due to not having the FDOT grants in place for the Mallory Wharf portion of the project the City requested the ENGINEER to bid only the Zero Duval Portion of the project and obtain bids for construction. These bids were received in early 2014 but were not favorable to the available funds as a result the project was not constructed.

Purpose

The CITY has requested that the ENGINEER combine the currently separated projects into a single set of bid documents for the Repairs at Zero Duval and the repairs and improvements to the T-Pier at Mallory Square. In addition the City has requested the ENGINEER to provide Bid Phase Services for the combined project. This Task Order describes the ENGINEER's Scope of Services. Specific activities to be performed under this Task Order include:

- Additional Design Services to Combine it into one bid Package
- Bid Phase Services

Scope of Service

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

Task A -Design Services

This task entails activities related to the additional design phase services for project document consolidation of the Repairs at Zero Duval and the Repairs and Improvements to the T-Pier at Mallory Square. As part of this task, the ENGINEER will consolidate the project documents. At the end of this task the design documents for Repairs at Zero Duval and the Repairs and Improvements to the T-Pier at Mallory Square will be considered complete and ready for bidding. Task summary is as follows:

- Prepare a single set of bid documents for the combined project
- Submit final contract documents to the CITY for bidding
- Based on final contract documents, prepare updated final construction cost estimate

Deliverables

The following deliverables will be provided under this Task:

- Two (2) copies: Final Opinion of Construction Cost
- Two (2) copies: Draft Final Contract Documents, including drawings and specifications plus one (1) CD
- Two (2) copies: Final Contract Documents, including drawings and specifications plus one (1) CD

Task B - Bid Phase Services

Bidding Services are based on a Bid Period of 30 days. The improvements at both Mallory Square and Zero Duval will be bid as one project. The ENGINEER will provide the following services to the CITY to assist in the bidding process:

- Coordinate with CITY to provide contract documents to DemandStar for bidding.
- All direct communications with bidders on matters related to the technical aspects of the design will be handled directly by the ENGINEER.
- Coordinate and conduct one pre-bid meeting to familiarize each bidder with the scope of work and to answer any questions that may arise.
- Issue One ADDENDA, if required.
- Bids will be received, opened, and read aloud by the CITY at the designated time and location.
- Review and evaluate bids for compliance and completeness. The ENGINEER will prepare an award letter for the CITY recommending the successful bidder.

- After award, the ENGINEER will distribute to the successful contractor four (4) sets of contract documents for execution. The contractor will be directed to return the documents to the ENGINEER for compliance review of the bidding requirements. After the ENGINEER reviews the contract documents, these Four (4) sets of documents will be sent to the CITY for final review and signatures.
- Prepare conformed contract documents for use by CITY, ENGINEER, and Contractor during construction.

Bid services will be considered complete upon the ENGINEER's review and forwarding of the Contractor's executed documents to the CITY, and submittal of conformed documents to the CITY.

Deliverables

- Two (2) copies pre-bid meeting minutes
- Two (2) copies Recommendation of Award letter
- Four (4) copies Contract Documents for execution
- Four (4) copies Conformed Contract Documents, two (2) sets full-size drawings, one (1) CD with PDF files

Assumptions

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

- The design and bid phase work on this project will be completed in calendar year 2015.
- CH2M HILL will not develop plans or determine locations of relocate tenants. Existing tenant structures (on or above existing seawall) will be not be designed or replaced under the scope of work for this project.
- The design will be based on the federal, state, and local codes and standards in effect at the start of the project. Any changes in these codes may necessitate a change in scope.
- No additional review meeting is budgeted in this task order.
- The previously reviewed and approved technical specifications will be re-used as part of this repackaging effort. No design modifications or new details will be made.
- Existing topographic survey information will be used as available. No budget is included for additional Geotech or surveying.
- The design documents will be prepared for a single construction contract.
- 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 phase services are not part of this Task Order.
- 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 identify temporary location for tenant structures and will coordinate or execute the plan to relocate and/or replace tenant structures.
- Prompt review and comment on all deliverables.

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:

- Construction Phase Services
- Additional Permitting (if required)
- Design services for the replacement of existing tenant structures
- Additional design work.
- Re-bidding any, or all, portions of this project or bidding of multiple projects.
- Coral community relocation or additional environmental studies or analyses required by the permitting agencies.

Schedule

The estimated schedule for TASK ORDER 2-15 PORTS is shown on below.

Description	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16
Task Order Authorized		■													
Construction Documents		■	■												
Bid and Award			■	■	■										
Construction						■	■	■	■	■	■	■	■	■	■

Compensation

The estimated compensation for TASK ORDER 2-15 PORTS is shown on Attachment A entitled TASK ORDER 2-15 PORTS, COMPENSATION.

Attachment A
TASK ORDER 2-15 PORTS COMPENSATION

**TASK ORDER 2-15 PORTS - ZERO DUVAL/MALLORY T-PIER
ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE SEAWALL REPAIRS AT ZERO
DUVAL AND IMPROVMENTS TO MALLORY SQUARE T-PIER**

Task	Hours	Labor Cost	Expenses	Total Cost
Task A - Design Services	102	\$12,278	\$310	\$12,588
Task B - Bid Phase	84	\$11,497	\$1,480	\$12,977
Total	186	\$23,775	\$1,790	\$25,565

COMPENSATION BREAKDOWN						
Task Order 2-15 PORTS						
TASK NO.	TASK DESCRIPTION	HOURLY RATE	TOTAL HOURS	LABOR	EXPENSES	TOTAL COST
A	Design Services					
	Principal Project Manager	\$ 186.00	20	\$3,720		\$3,720
	Senior Project Manager	\$ 170.00	16	\$2,720		\$2,720
	Project Professional	\$ 135.00	8	\$1,080		\$1,080
	Tech 6	\$ 118.00	16	\$1,888		\$1,888
	Technical Editor	\$ 89.00	4	\$356		\$356
	Sr Project Assistant	\$ 67.00	30	\$2,010		\$2,010
	Clerical	\$ 63.00	8	\$504		\$504
	PRINTING/REPRO/SHIPPING/EQUIPMENT				\$310	\$310
Design Services SUBTOTAL			102	\$12,278	\$310	\$12,588
B	Bid Phase (T&M)					
	Principal Project Manager	\$ 186.00	33	\$6,138		\$6,138
	Senior Technologist	\$ 170.00	6	\$1,020		\$1,020
	Project Professional	\$ 135.00	11	\$1,485		\$1,485
	Tech 6	\$ 118.00	8	\$944		\$944
	Technical Editor	\$ 89.00	8	\$712		\$712
	Sr Project Assistant	\$ 67.00	16	\$1,072		\$1,072
	Clerical	\$ 63.00	2	\$126		\$126
	Travel 1 - (2) day Key West				\$1,000	\$1,000
	PRINTING/REPROGRAPHICS/SHIPPING				\$480	\$480
Bid Phase (T&M) SUBTOTAL			84	\$11,497	\$1,480	\$12,977
PROJECT TOTALS						
	TOTAL HOURS		186			
	TOTAL FEE ESTIMATE			\$23,775	\$1,790	\$25,565