

**TASK ORDER 3-10 STM AMENDMENT 1**

**ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE  
WHITE STREET PUMP ASSISTED STORMWATER DRAINAGE WELLS**

This TASK ORDER 3-10 STM Amendment 1 is issued under the terms and conditions of the MASTER AGREEMENT TO FURNISH GENERAL ENGINEERING SERVICES TO THE CITY OF KEY WEST ("AGREEMENT") between the City of Key West ("CITY") and CH2M HILL, Inc. ("ENGINEER") executed on September 18, 2007, which is incorporated herein by this reference.

A. SCOPE OF SERVICES

Specific services which the ENGINEER agrees to furnish are summarized on the attached statement entitled TASK ORDER 3-10 STM Amendment 1 "SCOPE OF SERVICES." The "Scope of Services" defines the work effort anticipated for the Task Order.

This Task Order, when executed, shall be incorporated in and shall become an integral part of the September 18, 2007, Master Agreement.

B. TIME OF COMPLETION

Work under this Task Order will begin immediately following acceptance and completed expeditiously subject to coordination with the City of Key West staff. Work may be performed at any time as requested by the CITY within 12 months after the date of execution of this Task Order, at which time the Task Order will expire.

C. COMPENSATION

Compensation for the labor portions of TASK ORDER 3-10 STM Amendment 1, Task A and all expenses will be on a Cost Reimbursable-Per Diem basis as stipulated in Article 2, Paragraph 2.2 of the AGREEMENT. The estimated compensation is shown on the attached statement entitled TASK ORDER 3-10 STM Amendment 1 COMPENSATION.

D. ACCEPTANCE

By signature, the parties each accept the provisions of this TASK ORDER 3-10 STM Amendment 1, and authorize the ENGINEER to proceed at the direction of the CITY's representative in accordance with the "SCOPE OF SERVICES." Start date for this project will be no later than ten (10) days after execution of this authorization.

For CH2M HILL, INC.

For CITY OF KEY WEST

By: \_\_\_\_\_  
Matthew Alvarez, 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 3-10 STM Amendment 1

## ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE WHITE STREET PUMP ASSISTED STORMWATER DRAINAGE WELLS

### SCOPE OF SERVICES

#### Project Description

In order to proactively address areas of local flooding and near shore water quality the City has developed a Long Range Storm Water Utility Plan. The plan includes installation of drainage well systems and sediment control structures. The City has also adopted a Storm Water Utility Ordinance and Rate Structure to alleviate the cost of implementing new projects and maintaining storm water systems.

Near shore water quality improvements and minimizing the number of beach closures continues to be a priority to the community. The City must demonstrate that they are committed and ready to construct additional drainage improvements to obtain the greatest amount of state and federal grant funds. This means that to be "shovel-ready," design documents must be developed.

In 2001 CH2M HILL designed four pump assisted stormwater stations for the City. During 2003 two of the pump assisted stations were constructed (Patricia & Ashby and North Duval); additionally the drainage wells and catch basin system were constructed for the White Street project. As funding has become available the City would like to complete the construction of the White Street pump assisted project.

Under Task order 6-09 STM, the design documents were reviewed for current building and electrical code requirements as well as current permitting requirements due to the length of time that elapsed from the 2001 design. The ENGINEER also added to the 2001 documents, the design of a permanent stand by generator and a fail-open valve for a future emergency outfall connection, and eliminated the chemical feed system. The 2001 Contract Documents for this system were then updated to reflect:

- storm sewers that have already been constructed,
- modifications to existing facilities, and
- the additional facilities that were included

Task order 3-10 STM provided Construction phase services for the project, which included submittal and RFI reviews, progress meetings, specialized site visits and start up activities.

The construction contract originally had a substantial completion date of July 30, 2010 and a final completion date of August 16, 2010. Due to pump manufacturer delivery delays the City Commission extended the completion dates to September 17, 2010 for substantial and October 6, 2010 for final.

As of November 29, 2010 the contractor has not requested substantial completion which places them over 60 days behind schedule based on the approved contract extension dates.

Due to construction delays, additional specialized site visits, multiple start-up attempts and additional submittal reviews, the Engineer has expended the original budget. This Amendment No. 1 will provide the Engineer with the budget to complete the project and provide the CITY with limited construction phase services for the White Street Pump Assisted Stormwater Drainage Well Project.

## **Purpose**

The CITY has requested that the ENGINEER provide additional limited construction phase services for the White Street Pump Assisted Stormwater Drainage Wells Project.

## **Scope of Services**

The design, bidding and permitting of this project were completed under a previous task order and construction phase services have been provided for the original duration of the project. The following task describes the activities to be performed and the work products to be prepared by the ENGINEER under this amendment.

### **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 an additional 3 months. The CITY will be responsible for full-time resident observation.

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

- At the request of the CITY, review up to twelve (12) shop drawings and other construction related submittals.
- At the request of the CITY, the ENGINEER will provide up to 12 hours to assist in the technical interpretations of the drawings, specifications, and contract documents, and evaluate requested deviations from the approved design or specifications.
- 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.
- At the request of the CITY, provide on-site start-up assistance, two (2) two-day site visits assumed
- Prepare record drawings based on mark-ups from the CONTRACTOR.

### **Deliverables**

- 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

## **Assumptions**

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

- Construction will be completed in calendar year 2010.
- Legal, easement, or plat survey or acquisitions will be the responsibility of CITY.
- The CITY will pay for all permit application fees.
- 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).
- Facilitate access to any required facilities
- Attendance of key personnel at meeting as requested
- Payment of all permit application fees
- The CITY will be responsible for full-time resident observation.

## **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
- Permitting (if required)

## **Compensation**

The estimated compensation for TASK ORDER 3-10 STM Amendment 1 is shown on Attachment “A” entitled TASK ORDER 3-10 STM Amendment 1, COMPENSATION.

**Attachment A**

TASK ORDER NO 3-10 STM Amendment 1  
COMPENSATION

**TASK ORDER 3-10 STM Amendment 1 COMPENSATION**  
**Construction Phase Services for the White Street Stormwater**  
**Pump Station**

<b>Task</b>	<b>Hours</b>	<b>Labor</b>	<b>Expenses</b>	<b>Total Cost</b>
Task A - Construction Phase Services	130	\$16,002.80	\$112.64	\$16,115.44
<b>Total</b>	<b>130</b>	<b>\$16,002.80</b>	<b>\$112.64</b>	<b>\$16,115.44</b>

**COMPENSATION BREAKDOWN**  
**Task Order 3-10 STM Amendment 1**

<b>TASK NO.</b>	<b>TASK DESCRIPTION</b>	<b>HOURLY RATE</b>	<b>TOTAL HOURS</b>	<b>LABOR</b>	<b>EXPENSES</b>	<b>TOTAL COST</b>
<b>A</b>	<b>Construction Phase Services</b>					
	Principal PM/Principal Technologist	\$177.00	54.0	\$9,558.00		\$9,558.00
	Senior Professional	\$153.00	8.0	\$1,224.00		\$1,224.00
	Project Professional	\$126.00	3.0	\$378.00		\$378.00
	Assoc Engineer	\$113.00	5.0	\$565.00		\$565.00
	Tech 5	\$106.00	4.5	\$477.00		\$477.00
	Tech 4	\$ 96.00	2.1	\$201.60		\$201.60
	Tech 3	\$ 74.00	32.0	\$2,368.00		\$2,368.00
	Clerical	\$ 57.00	21.6	\$1,231.20		\$1,231.20
	Printing/Reprographics/Shipping				\$112.64	\$112.64
<b>Construction Phase SUBTOTAL</b>			<b>130.2</b>	<b>\$16,002.80</b>	<b>\$112.64</b>	<b>\$16,115.44</b>
<b>PROJECT TOTALS</b>						
	TOTAL HOURS		130.2			
	TOTAL FEE ESTIMATE			\$16,002.80	\$112.64	\$16,115.44
<b>TO 3-10 STM Amnd 1 TOTAL</b>			<b>130.2</b>	<b>\$16,002.80</b>	<b>\$112.64</b>	<b>\$16,115.44</b>