

**ADDITIONAL SERVICES
SPECIFIC AUTHORIZATION**

NO. 17

Pursuant to the provisions contained in the "Agreement for Professional Engineering Services" between the City of Fort Pierce (hereinafter referred to as "CITY") and Tetra Tech, Inc. (Hereinafter referred to as "ENGINEER") dated _____ day of, authorizes the ENGINEER to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The CITY desires engineering additional services related to, hereinafter referred to as the "Project".

This Project is ___ is not **X** an FDOT funded project.

Section 1 - Scope of Work

ENGINEER will provide the following services in accordance with this AGREEMENT:

Provide oversight and management of the marina reconstruction project. The Engineer will act as owner's representative to ensure engineering and construction activities proceed in proper manner and in accordance with the approved plans and specifications. Specific tasks under this authorization phase include:

Task 1- Proposal Administration

- Subtask 1.1 Assist CoFP with Preparation of RFP
- Subtask 1.2 Assist CoFP with Review of RFP submittals
- Subtask 1.3 Assist CoFP with Preparation of Bid Schedule Summary
- Subtask 1.4 Assist CoFP With Interview of Responsible Bidders
- Subtask 1.5 Assist CoFP with Selection of Bidder

Task 2 – Pre-Construction Administration

- Subtask 2.1 Project Administration
- Subtask 2.2. Review MOT, Demolition, Safety and Float Plans
- Subtask 2.3 Review concrete, fabrication, and assembly testing procedures
- Subtask 2.4 Review Construction schedule
- Subtask 2.5 Review Initial Shop Drawings

Task 3– Services During Construction

- Subtask 3.1 Attend Kick-off meetings
- Subtask 3.2 Visit Fabrication Facility Bi-weekly
- Subtask 3.3 Review Daily Construction Strength tests
- Subtask 3.4 Perform Site inspections
- Subtask 3.5 Catalog Site Inspections
- Subtask 3.6 Review Submittal Shop Inspections
- Subtask 3.7 Attend contractors Bi-weekly Construction Status Meetings
- Subtask 3.8 Attend Coordination Meetings With City Staff and Contractor
- Subtask 3.9 Provide Construction Engineering Services
- Subtask 3.10 Provide Construction Permitting Guidance
- Subtask 3.11 Provide Construction Punch List

Task 4- Post Construction Administration

- Subtask 4.1 Perform Pre-Final Inspection
- Subtask 4.2 Provide Final Punch List
- Subtask 4.3 Perform Final Inspections
- Subtask 4.4 Review Final As-built (Record) Survey
- Subtask 4.5 Review Warranty, and assemble operation and Maintenance Documents

Task 5-Field/Work Efforts

- Subtask 5.1 Materials Management Efforts
- Subtask 5.2 Provide in water inspections when Necessary
- Subtask 5.3 Regulatory oversight for impacts to Submerged Resources
- Subtask 5.4 Miscellaneous engineering support

Assumptions:

Every effort has been made to account for all possible construction activities including allowing for some allowances for contractor error; however, unforeseen actions on the contractor's part may create a set of change conditions that warrant additional scope.

Section 2 Deliverables:

None

Section 3 - Time of Performance

Execution of this AGREEMENT shall constitute Notice to Proceed. ENGINEER and CITY agree to the following schedule:

The contractors current schedule is estimated at 16 months; hence, our estimates for effort are based on these time frames.

Section 4 - Method and Amount of Compensation

4.1 CITY will compensate ENGINEER for services under this AGREEMENT in accordance with the payment method as set forth in Section 6 of the AGREEMENT.

4.2 The budget (or fee) for the required services is: \$997,272 prorated as follows:

- Task 1- Proposal Administration- \$81,942
- Task 2- Pre-Construction Administration- \$64,858
- Task 3- Services During Construction- \$661,079
- Task 4- Post Construction Services- \$55,274
- Task 5- Field/Work Efforts- \$134,119

Section 5 - CITY's Responsibilities

CITY hereby designates Engineer or designee as CITY's representative pursuant to Section 5 of the AGREEMENT.

Section 6 - Other Provisions

All applicable portions of the AGREEMENT not specifically modified herein shall remain in full force and effect and are incorporated by reference.

IN WITNESS WHEREOF, this AGREEMENT, consisting of four pages, has been fully executed on behalf of the ENGINEER by its duly authorized officer, and the CITY has the same to be duly executed in its name and in its behalf, effective as of the date herein above written.

THE CITY OF FORT PIERCE

By: _____

_____. Mayor

Date: _____

ENGINEER:

By: _____

Jonathan Weiss

Title: President, CES

APPROVED AS TO FORM

By: _____

City Attorney