

T A Y L O R E N G I N E E R I N G I N C

August 4, 2009

Ellen Posivach
City Manager
City of Port Richey
6333 Ridge Road
Port Richey, FL 34668

Re: Professional Engineering Services for the City of Port Richey, Florida, Work Order #3 – Miller's Bayou

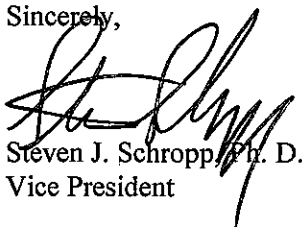
Dear Ms. Posivach,

The City of Port Richey has tasked Taylor Engineering to provide a Work Order for professional engineering services to dredge a series of new navigation channels. Work Order #3 contains a detailed scope of work as authorized by the City Council on July 28, 2009. Taylor Engineering will perform all services detailed in Work Order #3 on a Time and Materials basis, for a total cost not to exceed \$4,073.

I have enclosed two copies of Work Order #3 for the above referenced project. Please sign where indicated and return one original to Taylor Engineering.

If you have any questions regarding this submittal, please contact me or Joe Wagner at (904) 731-7040 or via email at jwagner@taylorengeeneing.com.

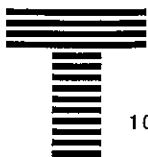
Sincerely,



Steven J. Schropp, Ph. D.
Vice President

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Enclosures



TAYLOR ENGINEERING, INC.

**PROFESSIONAL ENGINEERING SERVICES FOR THE CITY OF PORT RICHEY, FLORIDA
SCOPE OF SERVICES – MILLER'S BAYOU DREDGING PROJECT**

The City of Port Richey has obtained permits from the Florida Department of Environmental Protection (FDEP) and U.S. Army Corps of Engineers (USACE) to dredge a series of new navigation channels. However, due to impacts to seagrass, the existing FDEP permit mandates 100 specific conditions that the city must address or complete before dredging. In effect, these permit conditions render the current permit infeasible. Therefore, the city seeks to concentrate on 12 channels within Miller's Bayou (Channels 1, 7, 8, 9, 10, 14, 15, 16, 17, 18, 24, and 26) that do not impact seagrasses.

The Miller's Bayou channels have an authorized channel depth of -5 ft Mean Low Water (MLW), varying channel bottom-widths from 8 ft to 50 ft, and 1 vertical to 2 horizontal side slopes. Primarily following deep water, the 12 proposed channels will extend over two miles, and will provide navigation to 143 residences and businesses within Miller's Bayou to the Pithlachascotee River and then the Gulf of Mexico.

Taylor Engineering will perform all services within this Scope of Services on a **Time and Materials (T&M) basis**. The City Manager, as designated by the City Council, will fill the role as the city's Project Manager for all dredge projects and coordination efforts before issuance of the Notice to Proceed for this Scope of Services. The Project Manager will act as the Taylor Engineering's point of contact, and Taylor Engineering will direct all requests for information through the Project Manager.

Our Work Order comprises the following tasks:

TASK 1. PRELIMINARY OPINION OF PROBABLE COST

Taylor Engineering will provide the City of Port Richey with a preliminary opinion of probable cost for dredging channels within Miller's Bayou (Channels 1, 7, 8, 9, 10, 14, 15, 16, 17, 18, 24, and 26). The cost opinion will include all expected engineering, modification of the existing FDEP permit, establishment of special assessment district (provided by GSG), construction, and final permit certification expenses. We will perform material take-offs to estimate the quantities of project construction materials. We will research material unit costs, adjusted for the project location and current market conditions. We will also attempt to obtain cost information from local contractors and material suppliers near the project. This opinion of probable cost will serve for planning purposes. Actual construction costs may vary depending on prevailing market conditions at the time of dredging.

Timeframe, Deliverable, and Cost:

- Twenty-one (21) working days after the issuance of a Notice to Proceed
- Two hard copies and one digital file of the preliminary opinion of probable cost
- \$3,713 (T&M, not to exceed)

TASK 2. FDEP TELECONFERENCE AND CORRESPONDENCE

Taylor Engineering attended one meeting with the FDEP and city staff via teleconference. The teleconference call took place in the City Manager's office on Wednesday July 29, 2009. Preparation for the meeting and actual attendance required approximately one hour of senior engineering time.

At the conclusion of the teleconference, the City Manager directed Taylor Engineering to submit a modification request to the FDEP regarding the current FDEP Environmental Resource Permit (File Number: 51-0238686-002). On July 30, 2009, Taylor Engineering, on the behalf of the City of Port Richey, requested a modification of FDEP Permit. Specifically, the city requested that the FDEP of alter the wording of specific conditions 13 — 15, 30, 47 and 70 to reflect that each requirement would take effect “within 90 days prior to commencement of dredging activities.” Preparation, review, and submission of the FDEP permit modification letter required approximately one hour of senior engineering time.

Finally, the City Manager directed Taylor Engineering to submit, as per specific condition #8 of FDEP Environmental Resource Permit, a progress report including the current project status and the construction schedule for the upcoming three months. Although specific condition #8 requires that the city or its designee submit a progress report to the FDEP beginning October 1, 2008 and once quarterly until the city had completed construction of the permitted project, to date the city had not submitted a progress report. On July 30, 2009, Taylor Engineering, on behalf of the city, submitted a progress report as outlined in specific condition #8. Preparation, review, and submission of the FDEP permit progress report required approximately one hour of senior engineering time.

Timeframe, Deliverables, and Cost:

- Task 2 completed
- Digital and hardcopy file copies of the FDEP Environmental Resource Permit modification request and the FDEP Environmental Resource Permit progress report to city and FDEP
- \$360 (T&M)

Table 1 (below) lists the costs by task for the above scope of services.

Table 1. Cost¹ by Task

Task	Costs ² (Not to Exceed)	
	Labor	Other Direct Costs ³
Task 1. Preliminary Opinion of Probable Costs	\$3,601	\$112
Task 2. FDEP Teleconference and Correspondence	\$360	\$0
Subtotals:	\$3,961	\$112
Project Total	\$4,073	

¹All tasks performed on a time and materials basis

²Costs billed in accordance with the rates established in Taylor Engineering's April 9, 2008 Professional Engineering Services Agreement with the City of Port Richey(see below)

³Includes subcontracted services and reimbursables

Payment schedule to follow procedures established in Taylor Engineering's April 9, 2008 Professional Engineering Services Agreement with the City of Port Richey. Rates (Table 2) established in the Professional Engineering Services Agreement are as follows:

Table 2. Hourly Labor Rates

Labor Category	Hourly Billing Rate ¹
CEO	\$285
President	213
Vice President	188
Senior Advisor	166
Director	140
Senior Professional	120
Project Professional	109
Staff Professional	81
Editor	93
Senior Technical Support	95
Technical Support	69
Administrative	51

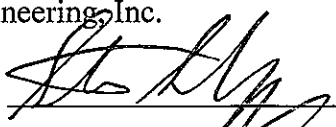
¹Rates will increase 5% on 03/01/2010 and each subsequent year.
Subcontractor costs (for each work order) billed at cost plus 12%
Other direct costs billed at cost plus a 12% markup

The parties have executed this Work Order effective this _____ day of _____, 2009.

City of Port Richey

By: _____
Name: _____
Title: _____

Taylor Engineering, Inc.

By: 
Name: Steven J. Schropp, Ph.D.
Title: Vice President