

URS Corporation Southern (URS)

**City Project No.: P11677
City Contact: Albert Carbon
City E.P.O. No.: TBD**

**Task Order No. 8
City of Fort Lauderdale Project No. P11677
Proposal to provide Professional Coastal Engineering Services
Seagrass Mitigation Assessment for the Las Olas Marina Expansion Feasibility**

Scope of Consulting Services

Dated this 21 day of August, 2012

Between

The City of Fort Lauderdale, Florida

And

**URS Corporation Southern (URS)
Gary Nemeth
(561) 994-6500**

Task Order No. 8
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TASK ORDER 8
CONTINUING CONTRACT FOR COASTAL ENGINEERING SERVICES

This task order is submitted in compliance with the Agreement between the City of Fort Lauderdale (City) and URS Corporation Southern (URS) for Consultant Services approved by the City of Fort Lauderdale City Commission on June 2, 2009 and extended and amended by the Second Extension and Amendment to Agreement dated May 1, 2012.

BACKGROUND

Herewith transmitted is the URS Task Order to assist the City with professional services related to a feasibility-level assessment of compensatory mitigation for potential impacts related to dredging associated with the proposed Las Olas Marina Expansion (Project). This scope of work is intended to support the City's Intracoastal Promenade Feasibility Study.

This mitigation feasibility assessment will be conducted in conjunction with the proposed mitigation assessment associated with the City's Atlantic Intracoastal Waterway Marina Dredging Projects.

This Scope of Work includes:

1. **Feasibility-level Seagrass Mitigation Evaluation** - URS will conduct a desktop review of readily available and accessible information related to natural resources in the project area and vicinity, permit requirements and project information, concept plans, natural resource studies, and results of agency discussions concerning the project. URS will, as necessary, contact regulatory agencies including the Broward County Environmental and Growth Management Department, Florida Department of Environmental Protection and the US Army Corps of Engineers, along with City Marine Facilities Department, City Public Works Department and Sasaki Associates, Inc. to establish minimum project requirements (conceptual plan) and permit requirements (location, regional mitigation ratio, etc.) to support the assessment of compensatory mitigation for potential seagrass (*Halophila decipiens*) impacts associated with this project.

This information will be compiled and evaluated to assess potentially feasible alternatives to mitigate for the assumed level of potential seagrass impacts. Mitigation alternatives will consider in-kind mitigation at suitable in-county and out-of-county locations.

A. SCOPE OF SERVICES

1.0 Feasibility-level Seagrass Mitigation Evaluation

- 1.1 **Data Compilation and Evaluation** – URS will contact regulatory agencies, City Marine Facilities Department, City Public Works Department and Sasaki Associates, Inc. to establish minimum project requirements (conceptual plan) and permit requirements (location, regional mitigation ratio, etc.) to support the assessment of alternatives for compensatory mitigation of potential seagrass (*Halophila decipiens*) impacts associated with this project. This

Task Order No. 8
City of Fort Lauderdale Project No. P11677
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information will be compiled and evaluated to assess potentially feasible mitigation options for the reported level of unavoidable seagrass impacts associated with the project.

1.2 Reporting – URS will document the results of the data collection and results of the data evaluation in a Technical Memorandum submitted to the City Public Works Department.

B. DELIVERABLES

Deliverable work product associated with Task 1 includes:

Technical Memorandum - Technical Memorandum documenting reported potential impact, minimum project and regulatory requirements associated with compensatory seagrass mitigation, evaluation of compensatory mitigation options and alternatives, and summary of findings including estimated range in construction costs associated with preferred option based on a conceptual-level schematic design concept and estimated timeline to permit/mitigate potential impacts to seagrass. Mitigation concepts or alternatives will be discussed and cost estimates developed based on conceptual-level schematic only utilizing existing, available and readily accessible information. Cost estimates will be provided as a range of estimated costs. Six hardcopies and one digital copy (CD) of the technical memorandum will be provided.

C. RESPONSIBILITIES OF THE CITY

The City shall be responsible for:

- timely notice of any changes in project or existing project site conditions;
- timely notice of any changes in project programs;
- provisions for access to all city properties and sites;
- coordination with Sasaki Associates Inc., for timely response to URS requests for information
- timely provision of information concerning contemplated marina modifications and IntraCoastal Promenade project including results of previous environmental studies, summary of discussions with regulatory agencies, reports, documents, conceptual designs, plans as relates to project

D. ITEMS NOT INCLUDED

The following items are not included in this scope of professional services or Task Order:

- No field work or resource assessments are included in this study.
- No meeting attendance or presentations.

E. ADDITIONAL SERVICES

Any professional service omitted or excluded from this scope of professional services may be provided by URS, if mutually agreed upon as to scope, schedule and compensation, and authorized in writing under the current existing agreement between the City and URS, dated July 28, 2009 and the Agreement extension and amendment dated May 1, 2012.

Task Order No. 8
City of Fort Lauderdale Project No. P11677
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F. PROJECT SCHEDULE

All work specified under this Task Order shall be completed within eight (8) weeks of URS receipt of written Notice to Proceed, depending upon availability of regulatory agencies for meetings and receipt of requested information from City, Sasaki Associates, Inc. and regulatory agencies.

G. COST NOT-TO-EXCEED COMPENSATION SCHEDULE

It is understood that the above tasks shall be authorized by the City to be performed on a cost not-to-exceed basis in the amount of \$24,985 in accordance with the July 28, 2009 Continuing Contract for Coastal Engineering Consultant Services agreement between the City and URS and extension and amendment dated May 1, 2012.

A Cost Estimate identifying the cost for services for this Task Order is provided on the attached **Figure 2**.

H. ASSUMPTIONS

1. Project schedule and cost estimate assumes timely response to request for information from City, Sasaki Associates, Inc. and regulatory agencies.

Task Order No. 8
City of Fort Lauderdale Project No. P11677
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URS Corporation Southern (URS)
A California Corporation authorized
to do business in the State of Florida

By *Andrew P. Schechter* Date 8/2/2012
Andrew P. Schechter, P.E.
Title: Vice President

Fernando Navarrete
Witness print/type name

By *Gary Nemeth* Date 8/2/2012
Gary Nemeth
Title: Vice President and Principal Coastal Marine Unit

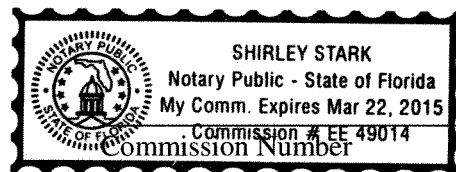
Shirley Stark
SHIRLEY STARK
Witness print/type name

STATE OF FLORIDA:
COUNTY OF ~~BROWARD~~: PALM BEACH:

The foregoing instrument was acknowledged before me this 2nd day of Aug., 2012, by Andrew P. Schechter, P.E. and _____ as Vice President and _____ respectively, of URS Corporation Southern (URS) a California corporation, on behalf of the corporation. They are personally known to me and (did not) take an oath.

Shirley Stark
Notary Public, State of Florida

SHIRLEY STARK
Name of Notary Typed, Printed or Stamped



(Corporate Seal)

ATTEST:

Kristin Jones
Kristin Jones, Corporate Secretary

Task Order No. 8
City of Fort Lauderdale Project No. P11677
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IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

WITNESSES:

CITY OF FORT LAUDERDALE,
a municipal corporation.

Print Name

By _____
John P. "Jack" Seiler, Mayor

Print Name

By _____
Lee R. Feldman, City Manager

(SEAL)

ATTEST:

Jonda K. Joseph, City Clerk

Approved as to form:

Carrie L. Sarver, Assistant City Attorney

Task Order No. 8
City of Fort Lauderdale Project No. P11677
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Table 1 - Estimate of Cost

<i>Classification</i>	<i>rate \$/hr</i>	<i>hours</i>	Task 1 <i>cost \$</i>	<i>hours</i>	Task 2 <i>cost \$</i>	Total hrs	Total \$
Vice President	184	24	\$4,416	10	\$1,840	34	\$6,256
Project Manager	165	1	\$165	1	\$165	2	\$330
Principal Engineer/Scientist	158	2	\$316	2	\$316	4	\$632
Senior Engineer/Scientist	148	56	\$8,288	8	\$1,184	64	\$9,472
Project Engineer/Scientist	95	76	\$7,220	8	\$760	84	\$7,980
Clerical	63	<u>3</u>	<u>\$189</u>	<u>2</u>	\$126	5	\$315
		total	\$20,594	total	\$4,391	193	\$24,985