

## TASK ORDER No. 4

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2014

### FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

### ENVIRONMENTAL FEASIBILITY STUDY OF THE LAS OLAS MARINA

#### PROFESSIONAL SERVICES

Describing a specific agreement between the City of Fort Lauderdale (CITY) and Miller, Legg & Associates, Inc. (CONSULTANT) in accordance with terms of the agreement for General Civil Engineering Consultant Services dated November 6, 2012 between CITY and CONSULTANT ("MASTER AGREEMENT").

#### PROJECT BACKGROUND

The Project is generally described as follows: The City of Fort Lauderdale (COFL) is seeking a due diligence study to evaluate the environmental considerations and regulatory requirements associated with the proposed Las Olas Marina Expansion project. The proposed marina expansion would consider a reconfiguration of the Las Olas Marina including deepening of the marina basin to the proposed Intracoastal Waterway (ICWW) depth, reconfiguration and replacement of the marina docks, and expansion of the marina limits further east. It has been requested to evaluate the feasibility based on a conceptual marina expansion plan, current permitting status, mitigation requirements, and soil disposal to evaluate what is still required, and what obstacles there are to construct the project and what new criteria would be needed based on the updated plan. In a related project, the Florida Inland Navigation District (FIND) plans to deepen the ICWW in the vicinity of the Las Olas Marina. COFL is evaluating dredging the ICWW bottom extending from the eastern limit of the FIND ICWW dredging to the face of the docks at the Las Olas Marina. A COFL conceptual mitigation plan considers seagrass mitigation associated with this dredging and does not address any potential mitigation associated with the proposed marina expansion. The project is located at 240 East Las Olas Circle in Fort Lauderdale and the specific area of study is north of the Las Olas Bridge as shown in Exhibit 1.

#### SPECIFIC SCOPE OF SERVICES AND DELIVERABLES

The Scope of Services to be provided by CONSULTANT shall be as follows:

Task 1 **Environmental Project Study** – CONSULTANT shall perform a study to identify the project status and required information for the proposed marina expansion into the current uplands as depicted in concept attached as Exhibit 2 as it relates to environmental permitting and constraints. No specific studies or surveys will be performed in this scope and would be performed under separate task or by others in the future. This is to identify what studies, design and issues are still necessary to address for a proposed concept and an anticipated cost. Anticipated areas of concentrated review include:

1. Current permitting status. Review applications and meet with agencies on status of applications and resolution of mitigation requirements for seagrass and other natural resources. Identify additional studies or surveys or analyses that will be required to obtain permits (which may include assessment of flushing and water quality impacts associated with excavation and dredging of marina expansion, evaluation of drainage impacts associated with expansion, tree removal).

2. Geotechnical review. Review sufficiency of existing geotechnical data and determine suitability of material for use, disposal, and additional testing required. Soil Disposition – estimate of disposal and handling options based on structural suitability and environmental properties of the material and market use.

**Deliverables:**

Deliverables for this project shall consist of the following:

- Written Report including identified existing data, additional data and information required and summarizing findings in PDF format.

**PROJECT ASSUMPTIONS**

Permit applications have been made to the agencies for the dredging activity but not for the expansion.

This work effort excludes any site specific studies or surveys (i.e. geotechnical, soil testing, utility locates, topographic or bathymetric surveys). Cost estimates have already been prepared for construction and other elements including seagrass mitigation. This scope is to validate the proposed environmental mitigation plan and identify the remaining environmental items to be addressed by the additional excavation and dredging expanding into the uplands.

**CITY'S RESPONSIBILITIES**

- CITY shall provide access to site.
- CITY shall provide survey files in electronic AutoCAD format.
- CITY shall provide all available reports and studies previously performed as well as the proposed expansion footprint. CITY shall be available for consultation during review process to facilitate addressing project intent and proposed plan.

**ADDITIONAL SERVICES**

If authorized in writing by the CITY as an amendment to this Task Order, the CONSULTANT shall furnish, or obtain from others, Additional Services of the types listed in Article 8 of the Master Agreement. The CITY, as indicated in the Master Agreement, will pay for these services.

**PERFORMANCE SCHEDULE**

The CONSULTANT shall perform the services identified in Task 1 within six (6) weeks of written Notice to Proceed.

**PROJECT FUNDING**

The project will be funded by the City of Fort Lauderdale Community Redevelopment Agency (CRA).

**METHOD OF COMPENSATION**

The services performed will be accomplished using the Not-to-Exceed method of compensation. Reimbursable expenses associated with these services are not included in the fees and will be itemized separately, subject to an established Not-to-Exceed limit. The total hourly rates payable by the CITY for

each of CONSULTANT's employee categories, reimbursable expenses and sub-consultant fees are shown on Exhibit "A" attached hereto and made a part hereof.

### **TERMS OF COMPENSATION**

Services will be provided for the following Not-to-Exceed amounts:

Task No	Task Title	Labor Fees		Total
		Consultant	Sub consultant	
1	Document Compile/Review	\$ 2,900.00	\$ -	\$ 2,900.00
1	Agency Meetings/coord	\$ 2,235.00	\$ -	\$ 2,235.00
1	City coordination/mtgs	\$ 1,495.00	\$ -	\$ 1,495.00
1	Seagrass Mit. Assessment	\$ 2,910.00	\$ -	\$ 2,910.00
1	Spoil material review	\$ 2,540.00	\$ 1,150.00	\$ 3,690.00
1	Report Preparation	\$ 4,900.00	\$ -	\$ 4,900.00
All tasks				\$ 18,130.00
Task No	Description	Other Cost		Total
		Consultant	Sub consultant	
1		\$ -	\$ -	\$ -
All other costs				\$ -

The total number of hours for the project is (151) for CONSULTANT and (9) for Sub consultant.

### **CITY CONTACTS**

Requests for payments should be directed to City of Fort Lauderdale Accounts Payable via e-mail to [AcctsPayable@FortLauderdale.gov](mailto:AcctsPayable@FortLauderdale.gov). All other correspondence and submittals should be directed to the attention of Thomas Green, Design Engineer, at the address shown below. **Please be sure that all correspondence refers to the City project number and title as stated above.**

City of Fort Lauderdale  
City Hall, 4<sup>th</sup> Floor Engineering  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301

### **CONSULTANT CONTACTS**

Miller Legg & Associates, Inc.  
5747 North Andrews Way  
Fort Lauderdale, FL 33309  
Dylan Larson, PWS, CEP  
Email: [dlarson@millerlegg.com](mailto:dlarson@millerlegg.com)  
Phone: 954-436-7000  
Fax: 954-436-8664

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**DEPARTMENT SIGNATURES**

Approved by:

\_\_\_\_\_  
Tom Green, P.E.  
Project Manager

Date:

Approved by:

\_\_\_\_\_  
Talal Abi-Karam, P.E.  
Assistant Director of  
Public Works

Date:

Approved by:

\_\_\_\_\_  
Hardeep Anand, P.E.  
Public Works Director

Date:

**CLOSURE**

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

CITY OF FORT LAUDERDALE, a municipal corporation  
of the State of Florida:

By \_\_\_\_\_  
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

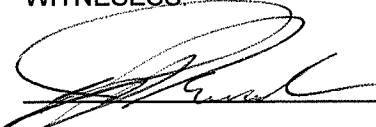
ATTEST:

\_\_\_\_\_  
JONDA K. JOSEPH, City Clerk

Approved as to form:

\_\_\_\_\_  
RHONDA MONTOYA HASAN  
Assistant City Attorney

WITNESS:


  
\_\_\_\_\_

Joshua Revord  
Print Name

  
\_\_\_\_\_

Darren L. Bidore  
Print Name

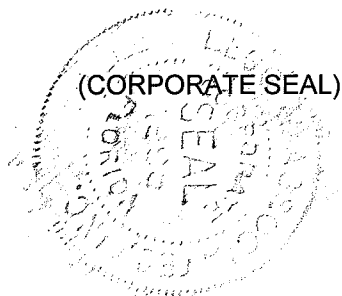
MILLER, LEGG & ASSOCIATES, INC.,  
A Florida Corporation

By:   
\_\_\_\_\_

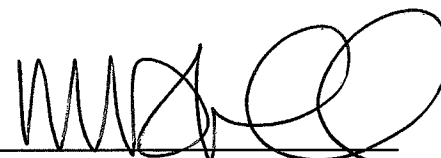
Name: Dylan Larson

Title: Principal

(CORPORATE SEAL)



ATTEST:

By:   
\_\_\_\_\_

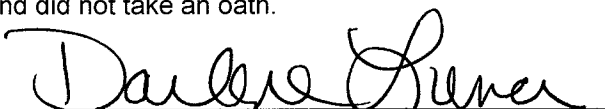
Name: MICHAEL D. KROLL

Title: VICE PRESIDENT

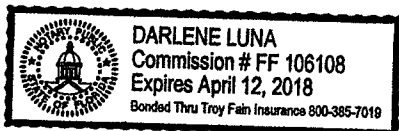
STATE OF FLORIDA:  
COUNTY OF BROWARD:

The foregoing instrument was acknowledged before me this 3rd day of October, 2018  
by Dylan Larson and Michael D. Kroll as Principal and  
Vice President respectively, of Miller, Legg & Associates, Inc, on behalf of the corporation.  
They are personally known to me and did not take an oath.

(SEAL)

  
\_\_\_\_\_

Notary Public, State of Florida  
(Signature of Notary taking Acknowledgement)

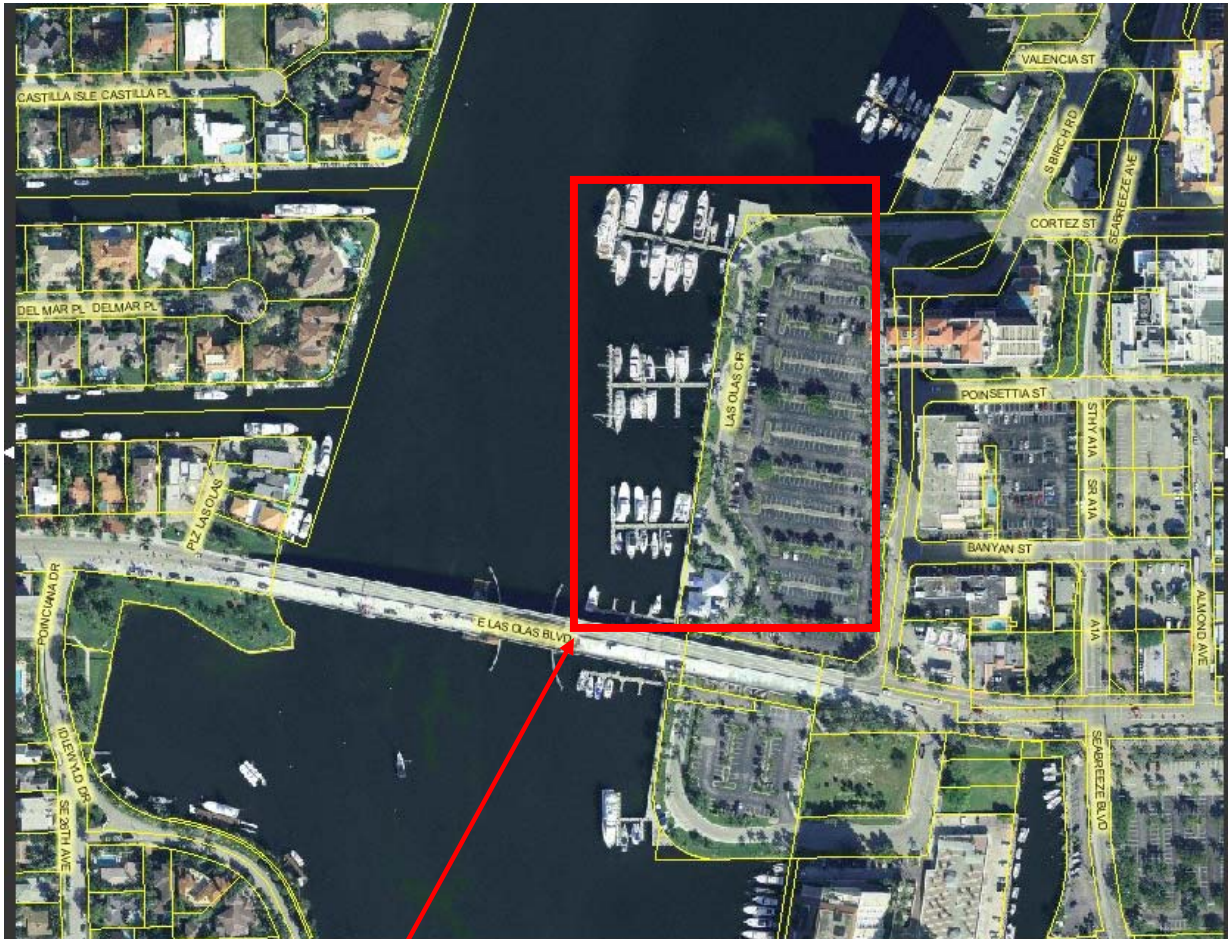


\_\_\_\_\_  
Name of Notary Typed, Printed or Stamped

\_\_\_\_\_  
My Commission Expires

\_\_\_\_\_  
Commission No.

## EXHIBIT 1



Project Location



## EXHIBIT 2



Marina Expansion Concept



**EXHIBIT A**

**FEE SCHEDULE**

**A. Fee Schedule**

CONSULTANT

Fee Schedule												Total Hours	Labor Cost (\$)
Labor Category		Principal		Sr. Eng.		Civil Eng.		Tech. Spec.		Admin.			
Percent Utilization		24%		5%		58%		6%		7%			
Labor Rate		\$180.00 /hr		\$130.00 /hr		\$110.00 /hr		\$95.00 /hr		\$55.00 /hr			
Task No	Task Title	Hours	Subtotal (\$)	Hours	Subtotal (\$)	Hours	Subtotal (\$)	Hours	Subtotal (\$)	Hours	Subtotal (\$)		
1	Document Compile/Review	2	\$ 360.00	6	\$ 780.00	16	\$ 1,760.00		\$ -		\$ -	24	\$ 2,900.00
1	Agency Meetings/coord	6	\$ 1,080.00		\$ -	10	\$ 1,100.00		\$ -	1	\$ 55.00	17	\$ 2,235.00
1	City coordination/mtgs	8	\$ 1,440.00		\$ -		\$ -		\$ -	1	\$ 55.00	9	\$ 1,495.00
1	Seagrass Mit. Assessment	2	\$ 360.00		\$ -	16	\$ 1,760.00	6	\$ 570.00	4	\$ 220.00	28	\$ 2,910.00
1	Spoil material review	1	\$ 180.00		\$ -	16	\$ 1,760.00	4	\$ 380.00	4	\$ 220.00	25	\$ 2,540.00
1	Report Preparation	4	\$ 720.00		\$ -	32	\$ 3,520.00		\$ -	12	\$ 660.00	48	\$ 4,900.00
Totals		23	\$ 4,140.00	6	\$ 780.00	90	\$ 9,900.00	10	\$ 950.00	22	\$ 1,210.00	151	\$ 16,980.00

SUB CONSULTANT - CES Consultants

Fee Schedule												Total Hours	Labor Cost (\$)
Labor Category		Project Mgr.		Sr. Civil Engr		Civil Engr.		Drafter		Admin			
Percent Utilization		26%		45%		29%		0%		0%			
Labor Rate		\$150.00 /hr		\$130.00 /hr		\$110.00 /hr		\$65.00 /hr		\$50.00 /hr			
Task No	Task Title	Hours	Subtotal (\$)	Hours	Subtotal (\$)	Hours	Subtotal (\$)	Hours	Subtotal (\$)	Hours	Subtotal (\$)		
1	Document Compile/Review		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
1	Agency Meetings/coord		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
1	City coordination/mtgs		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
1	Seagrass Mit. Assessment		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
1	Spoil material review	2	\$ 300.00	4	\$ 520.00	3	\$ 330.00		\$ -		\$ -	9	\$ 1,150.00
1	Report Preparation		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Totals		2	\$ 300.00	4	\$ 520.00	3	\$ 330.00	0	\$ -	0	\$ -	9	\$ 1,150.00