



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#16-0974

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: October 18, 2016

TITLE: **REVISED CM-6** Motion to Approve Professional Engineering Services for a Condition Survey Inspection of Riverwalk North between the CSX FEC Train Track and Andrews Avenue – Calvin, Giordano & Associates, Inc. – Not to Exceed \$9,000 Task Order

Recommendation

It is recommended the City Commission approve Task Order Number 10 with Calvin, Giordano and Associates to provide a condition survey of the deficiencies along Riverwalk North Seawall between the CSX FEC train tracks and Andrews Avenue, in an amount not to exceed \$9,000.

Background

On November 6, 2012, the City Commission approved CAM 12-2299, retaining Calvin Giordano & Associates, Inc.; RFQ 626-10881 to perform a condition survey for the above mentioned stretch of Riverwalk North Seawall. However, CAM 12-2299 did not provide for any funding for the work and that is the reason why Commission approval is needed for Task Order Number 10.

City staff negotiated an agreement with the firm for Professional Civil Engineering services in an amount not to exceed \$9,000. Task Order Number 10 is for a condition survey to include the following:

- The seawall cap under the Andrews Avenue bridge
- The concrete catwalk along the seawall
- The repair of existing concrete pile
- The concrete panel replacement
- The concrete tiles subsidence behind the existing seawall and next to the existing gazebo,
- The utility brackets under the concrete catwalk.

Resource Impact

There will be a fiscal impact in the amount of \$9,000 for the task order and an estimated \$1,800 for in house management fees, for a total amount of \$10,800.

Funding source is listed in the table below.

<i>Funds available as of 10/11/2016</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB- OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
331-P11722.331-6599	Riverwalk Seawall Replacement Northside	Capital outlay/ Construction	\$297,405	\$277,158	\$10,800
PURCHASE TOTAL ►					\$10,800

Strategic Connection

This item is a Press Play Fort Lauderdale Strategic Plan 2018 initiative, included within the Infrastructure Cylinder of Excellence, specifically:

- Goal 2: Be a sustainable and resilient community.
- Objective 1: Proactively maintain our water, waste water, road, bridge and facilities infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We are Ready*

Attachment

Exhibit 1 – Task Order Number10

Prepared by: Raymond Nazaire, P.E., CGC, Project Manager II
Marlon Lobban, P.E., Senior Project Manager
Carlos Acosta, PMP, MBA, P.E., Assistant City Engineer
Alan Dodd, Assistant Public Works Director

Department Director: Paul Berg, ICMA-CM, Public Works Director

TASK ORDER No. 10

Dated this day of ,2016

FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

**ASSESSMENT OF SEAWALL, DOCK AND ADJACENT UPLAND
NORTH SIDE OF NEW RIVER ALONG RIVERWALK PROPERTY**

PROFESSIONAL SERVICES

This Task Order between the City of Fort Lauderdale, a Florida municipal corporation ("CITY") and Calvin, Giordano & Associates, Inc., authorized to transact business in Florida, ("CONSULTANT") is pursuant to the 626-10881 Consulting Services Agreement dated October 20, 2015 and expiring on November 6, 2016 ("Second Extension").

PROJECT BACKGROUND

Portion of the seawall, along the New River on the north side stretching from the ~~FXE~~ FEC train track to the Andrews Avenue Bridge, is damaged. As a result pavers located near the seawall are affected. Vast areas covered by the pavers are sinking. Wing-walls near the gazebo are three inches lower than their original location. Previous Ground Penetration Radar (GPR) test reveals many subterranean voids under the pavers. The concrete catwalk on the waterside of the seawall is also marred with defects. One of the concrete panels does not have sufficient bearing over the existing concrete pile. Most of the utility brackets under the concrete catwalk have failed. As a result portions of the utility lines are submerged.

GENERAL REQUIREMENTS

Design Standards

The CONSULTANT shall be solely responsible for determining the standards the work shall meet and obtain all the requisite regulatory approvals. The design shall include, but is not limited to, the plans and specifications, which describe all systems, elements, details, components, materials, equipment, and any other information necessary for construction. The design shall be accurate, coordinated between disciplines, and in all respects, adequate for construction, and shall be in conformity, and compliance, with all applicable laws, codes, permits, and regulations.

Quality Control

The CONSULTANT is responsible for the quality control (QC) of their work and of its sub-consultants. The CONSULTANT shall provide to the CITY the list of sub-consultants which shall be used for this project. This list shall not be changed without prior approval of the CITY. All sub-consultant documents and submittals shall be submitted directly to the CONSULTANT for their independent QC review. The CITY shall only accept submittals for review and action from the CONSULTANT.

The CONSULTANT shall be responsible for the professional quality, technical accuracy, and coordination of all pre-design services, designs, drawings, specifications, and other services

furnished by the CONSULTANT and their sub-consultant(s). It is the CONSULTANT's responsibility to independently and continually QC their plans, specifications, reports, electronic files, progress payment applications, schedules, and all project deliverables required by this task order. The CONSULTANT shall provide the CITY with a marked up set of plans and/or specifications showing the CONSULTANT's QC review. Such mark-ups shall accompany the CONSULTANT's scheduled deliverables. The submittal shall include the names of the CONSULTANT's staff that performed the QC review for each component (structures, roadway, drainage, etc.).

SPECIFIC SCOPE OF SERVICES

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

Task 1 – Condition survey

- Attend up to 3 meetings with the project team
- Perform a field visit to document observations on current condition of seawall, dock, and adjacent uplands. Observations will be made from both land and water side and will be documented along with photos. Observations will include, but not be limited to the following:
 - a. Condition of cap, panels, pilings, decking, and utility brackets
 - b. Intertidal zone condition
 - c. Areas of visually apparent soil migration from behind the wall
 - d. Subsidence of affected hardscape and structures
- Review of design plans, as-builts, Ground Penetration Radar tests and other pertinent information as furnished by the CITY.
- Findings from the visual observation and document review will be compiled into a concise report which, where pertinent, will also advise the Client on alternatives for repairs or replacement with accompanying recommendations and order-of-magnitude opinions of probable cost. Photos will be provided in the report on a marked aerial with locations.
- While the assessment may not identify all defects present as may be the case with prevalent cracking, it will identify representative examples and general areas.

Deliverables: The following deliverables shall be provided under Task 1:

- One (1) copy of summary in both hard copy and electronic format of inspection findings and repair approach.
- One copy of the meeting minutes.

PROJECT ASSUMPTIONS

- CITY shall provide access to site and temporarily disable electrical service to the dock while the CONSULTANT performs the waterside inspection.
- CITY shall provide existing electronic CAD files and Ground Penetrating Radar information, if available. It is the CONSULTANT's responsibility to verify accuracy.
- The following are excluded from this scope of services:
 - Geotechnical testing

- Destructive or Non-Destructive Material Testing of project components
- Excavation or evaluation of tie-back support systems
- Design, Permitting, or Construction Services related to any repairs or replacement of the seawall
- Structural investigation of the gazebo is excluded, however, an opinion may be included based on surrounding issues.
- Meetings beyond those noted above

ADDITIONAL SERVICES

If authorized in writing by the CITY, as an amendment to this Task Order, the CONSULTANT shall furnish, or obtain, Additional Services of the types listed in 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 within 14 days of the written Notice to Proceed.

PROJECT FUNDING

Performance of this project is at the CITY's discretion and may be contingent upon the CITY receiving funding and work shall not begin until the CITY provides a Notice to Proceed to CONSULTANT.

METHOD OF COMPENSATION

The services performed will be accomplished using the Not-to-Exceed method of compensation. The total hourly rates payable by the CITY for each of CONSULTANT's employee categories, reimbursable expenses, if any, and sub-consultant fees, if any, are shown on **Exhibit A** attached hereto and made a part hereof. Pay application requests shall be prepared on the CITY's approved pay application request form. The CONSULTANT shall submit the pay application request to the CITY's Project Manager for review and approval. Once the CITY's Project Manager approves the CONSULTANT's pay application request, the CONSULTANT may submit it to the CITY's account payable department via email (AcctsPayable@fortlauderdale.gov). Pay application requests shall be submitted monthly.

TERMS OF COMPENSATION

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

Task 1 - Condition survey And Recommendations	\$8,500
Reimbursable Expenses	\$500
Grand Total	\$9,000

CITY CONTACTS

Requests for payments should be directed to City of Fort Lauderdale Accounts Payable via e-mail to AcctsPayable@FortLauderdale.gov after getting approval from the CITY's Project Manager. All other correspondence and submittals should be directed to the attention of Raymond Nazaire, Project Manager II, at the address shown below. **Please be sure that all correspondence refers to the CITY project number and title as stated above.**

Raymond Nazaire, P.E., CGC
Project Manager II
Public Works
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 North Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-8954
rnazaire@fortlauderdale.gov

Jill Prizlee, P.E.
Interim Senior Project Manager
Public Works
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 N. Andrews Ave.
Fort Lauderdale, FL 33301
(954) 828-5962
email@fortlauderdale.gov

CONSULTANT CONTACTS

Robert McSweeney, P.E.
Calvin, Giordano & Associates, Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, Florida, 33316
Email: bmcsweeney@cgasolutions.com
Phone: (954) 921-7781

David Frodsham, P.E.
Calvin, Giordano & Associates, Inc.
560 Village Blvd., Suite 340
West Palm Beach, Florida, 33309
Email: dfrodsham@cgasolutions.com
Phone: (561) 684-6161

CITY

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:

Jeffrey A. Modarelli, City Clerk


Approved as to Legal Form:


Rhonda Montoya Hasan
Assistant City Attorney

CONSULTANT


WITNESSES

Calvin, Giordano & Associates, Inc.
incorporated company authorized to transact
business in Florida.



ROBERT MCSWEENEY
Print Name


Chris Giordano
Print Name

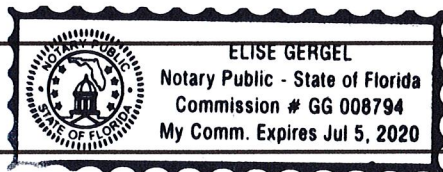
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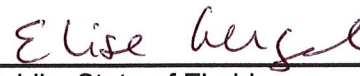
Dennis Giordano
President

STATE OF FLORIDA:
COUNTY OF BROWARD:

The foregoing instrument was acknowledged before me this 16th day of August, 2016 by
Dennis Giordano as President of Calvin, Giordano & Associates, Inc., a Florida
limited liability company authorized to transact business in the State of Florida.

(SEAL)





Notary Public, State of Florida
(Signature of Notary taking Acknowledgment)
Elise Gergel

Name of Notary Typed, Printed or Stamped

Personally known ☒ or Produced identification _____

Type of Identification _____

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Exhibit A – Work Break Down Fee Schedule


 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS™ 560 Village Boulevard · Suite 340 · West Palm Beach, FL 33409 Phone: 561.684.6161 · Fax: 561.684.6360 Certificate of Authorization No. 514		SCHEDULE 3 - FEE SCHEDULE		DATE 6/27/2016	
Project Title Fort Lauderdale Riverwalk - Seawall, Dock & Upland Condition Assessment				CGA PROJECT NO. 12-4734	
CSA Number N/A					
Work Activity	Employee Classification	Hours	Hourly Rate	Total	
Task 1 Field Visit					
	Director, Engineering (V)	0	\$ 165.00	\$ -	
	Project Engineer (III)	8	\$ 125.00	\$ 1,000.00	
	Engineer (II)	8	\$ 105.00	\$ 840.00	
	Construction Management Director	0	\$ 135.00	\$ -	
	Clerical	0	\$ 50.00	\$ -	
Task Subtotal		16		\$ 1,840.00	
Task 2 Review Plans, As-Builts, Permits, GPR					
	Director, Engineering (V)	0	\$ 165.00	\$ -	
	Project Engineer (III)	4	\$ 125.00	\$ 500.00	
	Engineer (II)	0	\$ 105.00	\$ -	
	Construction Management Director	0	\$ 135.00	\$ -	
	Clerical	0	\$ 50.00	\$ -	
Task Subtotal		4		\$ 500.00	
Task 3 Prepare Report					
	Director, Engineering (V)	0	\$ 165.00	\$ -	
	Project Engineer (III)	16	\$ 125.00	\$ 2,000.00	
	Engineer (II)	0	\$ 105.00	\$ -	
	Construction Management Director	0	\$ 135.00	\$ -	
	Clerical	0	\$ 50.00	\$ -	
Task Subtotal		16		\$ 2,000.00	
Task - 4 Meetings with Client					
	Director, Engineering (V)	0	\$ 165.00	\$ -	
	Project Engineer (III)	16	\$ 125.00	\$ 2,000.00	
	Engineer (II)	0	\$ 105.00	\$ -	
	Construction Management Director	16	\$ 135.00	\$ 2,160.00	
	Clerical	0	\$ 50.00	\$ -	
Task Subtotal		32		\$ 4,160.00	
Other - Out of Pocket Expenses - Allowances					
	Printing/Postage			\$ 500.00	
Task Subtotal				\$ 500.00	
CSA Labor Total				\$ 8,500.00	
CSA Subconsultant Total				\$ -	
CSA Out of Pocket Total				\$ 500.00	
CSA Total				\$ 9,000.00	

Exhibit B – Location Map



Exhibit C – Project Tentative Schedule

City issues NTP	Day 1
Conduct Field Visit	Day 2-7
Review GPR, As-builts, Permits, other related information as provided by City	Day 2-7
Prepare report summarizing findings & recommendations	Day 8-14
Meet with Client to discuss recommendations	Once reviewed