

RESOLUTION NO. 2018- 2521

**A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF SURFSIDE, FLORIDA APPROVING THE PROPOSAL AND WORK AUTHORIZATION WITH CALVIN GIORDANO & ASSOCIATES, INC. TO PERFORM A DUNE SURVEY AND BEACH MANAGEMENT PLAN; AUTHORIZING THE TOWN MANAGER TO EXECUTE THE WORK AUTHORIZATION; AUTHORIZING THE TOWN MANAGER AND TOWN OFFICIALS TO IMPLEMENT THE TERMS AND CONDITIONS OF THE WORK AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, pursuant to Section 287.055, Florida Statutes (“Consultants’ Competitive Negotiation Act), the Town of Surfside (“Town”) entered into a Continuing Professional Services Agreement (the “Agreement”) with Calvin Giordano & Associates, Inc. (“Consultant”) for professional general architectural, engineering, and surveying and mapping services on October 6, 2014; and

**WHEREAS**, in accordance with the provisions of the Agreement, Consultant and the Town have agreed to enter into a Work Authorization (“Work Authorization”), in accordance with the Proposal of Consultant attached hereto as Exhibit “A”, authorizing the Consultant to perform a dune survey and create a beach management plan for the Town (the “Services”); and

**WHEREAS**, the Consultant’s Proposal attached as Exhibit “A” provides for a scope of services detailing the Services to be provided by Consultant, as well as compensation for the Services in an amount not to exceed \$36,287.79; and

**WHEREAS**, Consultant has agreed to provide the Services described in the Proposal and Work Authorization to be entered into with the Town; and

**WHEREAS**, the Town Commission finds that approval of the Proposal and Work Authorization between Consultant and the Town is in the best interest of the Town.

**NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COMMISSION OF THE TOWN OF SURFSIDE, FLORIDA, AS FOLLOWS:**

**Section 1. Recitals.** The above recitals are true and correct and incorporated into this Resolution by this reference.

**Section 2. Approval of Proposal and Work Authorization.** The Proposal of the Consultant to provide the Services attached hereto as Exhibit "A," together with a Work Authorization to be entered into in accordance with the Proposal, as may be acceptable to the Town Manager and approved as to form and legality by the Town Attorney, is approved. The Town Manager is authorized to execute a Work Authorization in accordance with the Proposal attached hereto as Exhibit "A" on behalf of the Town.

**Section 3. Authorization of Town Officials.** The Town Manager and/or his designee are authorized to take all actions necessary to implement the terms and conditions of the Work Authorization.

**Section 4. Effective Date.** This Resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED this 10<sup>th</sup> day of July, 2018.

Motion By: Commissioner Paul

Second By: Vice Mayor Gielchinsky

**FINAL VOTE ON ADOPTION**


Commissioner Barry Cohen	<u>Absent</u>
Commissioner Michael Karukin	<u>NO</u>
Commissioner Tina Paul	<u>yes</u>
Vice Mayor Daniel Gielchinsky	<u>yes</u>
Mayor Daniel Dietch	<u>yes</u>

Attest



\_\_\_\_\_  
Sandra Novoa, MME  
Town Clerk

Approved as to Form and Legal Sufficiency:



\_\_\_\_\_  
Weiss Serota Helfman Cole & Bierman, P.L.  
Town Attorney



\_\_\_\_\_  
Daniel Dietch, Mayor



Calvin, Giordano & Associates, Inc.  
EXCEPTIONAL SOLUTIONS™

Building Code Services  
Civil Engineering / Roadway  
& Highway Design  
Coastal Engineering  
Code Enforcement  
Construction Engineering &  
Inspection (CEI)  
Construction Services  
Data Technologies &  
Development  
Electrical Engineering  
Engineering  
Environmental Services  
Facilities Management  
Geographic Information  
Systems (GIS)  
Governmental Services  
Indoor Air Quality  
Landscape Architecture  
Planning  
Project Management  
Redevelopment  
& Urban Design  
Surveying & Mapping  
Traffic Engineering  
Transportation Planning  
Water / Utilities Engineering  
Website Development

June 28, 2018

Mr. Guillermo Olmedillo  
Town Manager  
**TOWN OF SURFSIDE**  
9293 Harding Avenue  
Surfside, FL 33154

**RE: Work Authorization No. 110**  
**Dune Survey & Beach Management Plan**  
**CGA Proposal No. 18-9942**

Dear Mr. Olmedillo,

Enclosed for your review and approval is Work Authorization No. 110 for Dune Survey & Beach Management Plan. The scope of the project includes Planning, Survey & Environmental.

The Scope of Services to be furnished under this Work Authorization includes Environmental, Planning and Surveying as shown on the attached Work Authorization.

The Basis of Compensation is hourly based upon the established rates pursuant to the Professional Services Agreement between the Town and CGA, plus reimbursables, for a total not to exceed \$36,287.79.

Sincerely,

**CALVIN, GIORDANO & ASSOCIATES, INC.**

Chris Giordano  
Vice President

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Suite 600  
Fort Lauderdale, FL  
33316  
954.921.7781 phone  
954.921.8807 fax

[www.cgasolutions.com](http://www.cgasolutions.com)

## **TOWN OF SURFSIDE**

### **Dune Survey & Beach Management Plan**

#### **PROJECT DESCRIPTION**

##### **1. SCOPE OF SERVICES**

Calvin, Giordano & Associates, Inc. will perform the following services based on our understanding of the project requirements:

###### **I. Professional Environmental Services**

- A.** To assist the Town in better understanding and protecting their adjacent beach resource system, CGA will, create a Beach Plan to include the following topics: beach renourishment history and future proposals; current ownership and management structure; current applicable regulatory structure; dune functions and bests management practices; flora and fauna considerations; and beach use BPMs and regulations.
- B.** Coordinate reviews of draft plan with the Town and Miami-Dade County.
- C.** Coordinate in the creation of a graphic delineating the erosion control line, the bulkhead line and the CCCL line over a current aerial photograph.
- D.** Attend one (1) Sustainability Committee meeting, one (1) Planning and Zoning meeting, and two (2) Commission meetings.

###### **II. Professional Planning Services**

- A.** Project coordination for presentation at Sustainability Committee, Planning & Zoning Board and Town Commission.

###### **III. Professional Surveying Services**


- A. Dune Height Survey**
  - 1.** The Town of Surfside has been provided an elevation data set of topographic and hydrographic survey information from Degrove Surveyor's Inc. prepared for U.S. Army Corps of Engineers, Jacksonville District dated April, 2018. CGA will incorporate this data set into our base file for inclusion in the survey drawing deliverable.
- B. Town Elevation Grid**
  - 1.** Spot elevations will be obtained at all of the street centerline intersections of public rights-of-way within the Town of Surfside's municipal limits.

- C.** Elevation data will be referenced vertically to North American Vertical Datum 1988 (NAVD88) and horizontally to Florida State Plane Coordinates, North American Datum 83/90 (NAD 83/90) via survey measurements to the three National Geodetic Survey (NGS) control monuments that exists within the Town of Surfside.
- D.** Property Line Base Map and Topographic Survey
1. CGA will prepare a Base Map of the twenty-seven (27) individual properties within the Town between Collins Avenue and the Atlantic Ocean depicting the Coastal Construction Control Line (CCCL), Bulkhead Line and Erosion Control Line (ECL) in relation to the property lines. The ECL and the Bulkhead Line will be established per P.B. 105, Page 62, M.D.C.R and the CCCL will be established per P.B. 74, Page 25, M.D.C.R.
  2. The initial base map property layer will be compiled from surveys submitted as part of any DRC or Site Plan review submittal packages. Additional ownership information pertaining to folio numbers, recorded plats, rights-of-way and property deeds will be obtained from the Miami Dade County Property Appraiser and Clerk of the Courts websites.
  3. Any recoverable property corner monuments, Department of Natural Recourse (DNR) monuments or other survey control within the area will located with GPS to establish Florida State Plane Coordinates, North American Datum 83/90 (NAD 83/90) on found survey control.
  4. The base map will be rectified to Florida State Plane coordinates via the recovered survey control and an aerial photography backdrop will be overlaid on the base map.
  5. Additional Base Map information will include each parcel's folio number, ownership information, lot, block and plat names with plat recordation data.
  6. The elevation data will be overlaid onto a current aerial photograph with additional information to include the location of the Bulkhead line, the Erosion Control Line (ECL) and the Coastal Construction Control Line (CCCL).
  7. A Map of Topographic Survey will be prepared incorporating the elevation data and the Property Line base map into an overall survey drawing file.
  8. The Map of Topographic Survey will be prepared in accordance with the Standards of Practice requirements for Surveying and Mapping in the State of Florida as set forth by Chapter 5J-17 of the Florida Administrative Code, pursuant to Florida Statutes Chapter 472.027.

**2. BASIS OF COMPENSATION:**

Hourly rates with an estimated fee of \$34,559.80 plus reimbursables at \$1,727.99 with a total not to exceed amount of \$36,287.79. Payments to be made monthly.

**3. SUBMITTED**

Submitted by:   
Chris Giordano

Date: 6/28/18

**4. APPROVAL**

Approved by: \_\_\_\_\_  
Guillermo Olmedillo, Town  
Manager

Date: \_\_\_\_\_

**TOWN OF SURFSIDE  
WORK AUTHORIZATION ESTIMATE DATE**

**WORK AUTHORIZATION NO.** 110  
**PROJECT NAME** Dune Survey & Beach Management Plan  
CGA Proposal No. 18-9942  
**DESCRIPTION** Planning, Survey & Environmental

<b>TITLE</b>	<b>RATE</b>	<b>HOURS/UNITS</b>	<b>COST</b>
Associate Planning	\$159.14	8	\$1,273.12
Clerical	\$83.57	8	\$668.56
Environmental Administrator	\$116.70	56	\$6,535.20
Environmental Specialist	\$95.48	10	\$954.80
Sr. Registered Surveyor	\$137.92	16	\$2,206.72
Sr. Registered Surveyor	\$155.23	40	\$6,209.20
Survey CADD Technician	\$84.87	16	\$1,357.92
Survey CADD Technician	\$95.52	48	\$4,584.96
Survey Crew	\$132.61	36	\$4,773.96
Survey Crew	\$149.26	16	\$2,388.16
Survey File Compilation	\$90.18	40	\$3,607.20
			<b>\$34,559.80</b>
<b>SUB-CONSULTANTS</b>			<b>COST</b>

**LABOR SUBTOTAL** \$34,559.80  
**REIMBURSABLE SUBTOTAL** \$1,727.99  
**TOTAL** \$36,287.79

Reviewed by: \_\_\_\_\_  
Guillermo Olmedillo, Town Manager