

Failed

A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA, AUTHORIZING AND DIRECTING THE MAYOR TO EXECUTE AN AGREEMENT WITH CALVIN, GIORDANO & ASSOCIATES, INC. FOR PROFESSIONAL ENGINEERING SERVICES ASSOCIATED WITH REDESIGNING THE LAKE SHORE DRIVE DRAINAGE IMPROVEMENTS TO DETERMINE THE OPTIMAL PIPE SIZES TO COLLECT AND DIRECT STORM WATER RUNOFF TO ONE LOCATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town of Lake Park, Florida (“Town”) is a municipal corporation of the State of Florida with such power and authority as has been conferred upon it by the Florida Constitution and Chapter 166, Florida Statutes; and

WHEREAS, the Town is empowered to enter into contractual arrangements with public agencies, private corporations or other persons, pursuant to Florida Statutes; and

WHEREAS, on October 07, 2015 the Town Commission authorized the Mayor to execute a Professional Services Agreement with Calvin, Giordano, & Associates, Inc. for Continuing Engineering Consultant Services; and

WHEREAS, in December 2008 and in October 2009, the Town Commission approved agreements with Calvin, Giordano & Associates, Inc. to design and prepare construction plans for Lake Shore Drive Drainage Improvements; and

WHEREAS, the construction plans have been completed and the project has not been constructed due to lack of funding; and

WHEREAS, the Town desires to investigate the feasibility of redesigning the Lake Shore Drive to include a pump station; and

WHEREAS, Calvin, Giordano & Associates, Inc. has proposed that a drainage study is required to determine the optimal pipe sizes to collect and direct storm water runoff to one location eliminating three existing storm water outfall pipes and constructing one new storm water outfall downstream of a pump station; and

WHEREAS, the cost of the Professional Engineering Services to perform such drainage study is \$22,420.00

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA AS FOLLOWS:

Section 1. The whereas clauses are true and correct and are incorporated herein.

Section 2. The Commission hereby authorizes an agreement with Calvin, Giordano & Associates, Inc. to provide Professional Engineering Services associated with the redesign of the Lake Shore Drive Drainage Single Storm Water Outfall/Pump Station. The Mayor is hereby authorized and directed to execute the agreement between the Town and CGA, which is attached hereto and incorporated herein as Exhibit “A”.

Section 3. This Resolution shall become effective immediately upon execution.

The foregoing Resolution was offered by Commissioner Flaherty who moved its adoption. The motion was seconded by Vice-Mayor Glas-Castro and upon being put to a roll call vote, the vote was as follows:


	AYE	NAY
MAYOR MICHAEL O'ROURKE	___	___/
VICE-MAYOR KIMBERLY GLAS-CASTRO	___	___/
COMMISSIONER ERIN FLAHERTY	___	___/
COMMISSIONER ANNE LYNCH	___	___/
COMMISSIONER ROGER MICHAUD	___	___/

The Town Commission thereupon declared the foregoing Resolution NO. 89-10-17 duly passed and adopted this 18 day of October, 2017.

TOWN OF LAKE PARK, FLORIDA

BY: 
MICHAEL O'ROURKE
MAYOR

ATTEST:


VIVIAN MENDEZ
TOWN CLERK



Approved as to form and legal sufficiency:

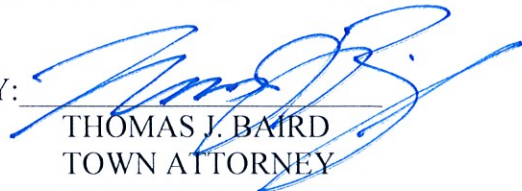
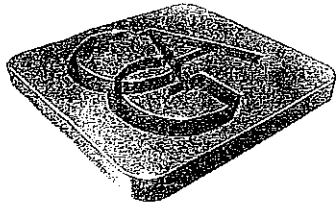
BY: 
THOMAS J. BAIRD
TOWN ATTORNEY

EXHIBIT "A"



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Additional Services Agreement

DATE: September 27, 2017
RE: Lake Park Lakeshore Drive Drainage Calculations
CLIENT: Town of Lake Park
535 Park Avenue
Lake Park, FL 33403
ATTENTION: Mr. Michael O'Rourke
CGA NO.: 15-2748.51

Due to the client's request for work outside the original scope of services, Calvin, Giordano & Associates, Inc. will provide the following additional services:

I. Professional Engineering Services

A. Civil Engineering

1. Revised Drainage Study

- CGA shall develop a drainage study based on removing (3) three existing outfall structures and utilize the construction of a single outfall connection. A computerized model of each sub-basin discharging into Lake Shore Drive Drainage Basin will be developed and analyzed for the optimal size outfall pipe to alleviate the existing flooding problem. The hydrologic computer program models theoretical rainfall events, as specified by SFWMD, will provide a calculated storm water runoff quantity from the study area. Pre and post stage conditions will be evaluated for hydraulic performance of the conveyance system to determine size of the new outfall system. The study will also determine the required performance of a stormwater pumping station to ensure the system will function in a high tail-water event such as rainfall during king tides. The following guideline items shall be utilized in the modelling process:

- Utilization of the program Cascade to develop a hydrologic model for a single outfall system.

Building Code Services
Coastal Engineering
Code Enforcement
Construction Engineering
and Inspection
Construction Services
Contract Government
Data Technologies
and Development
Emergency Management
Services
Engineering
Environmental Services
Facilities Management
Indoor Air Quality
Landscape Architecture
Municipal Engineering
Planning
Public Administration
Redevelopment
and Urban Design
Surveying and Mapping
Traffic Engineering
Transportation Planning

GSA Contract Holder

560 Village Boulevard
Suite 340
West Palm Beach, FL
33409
561.684.6161 phone
561.684.6360 fax

www.cgasolutions.com

- Simulations of different outfall pipe sizes for the SFWMD 3-year 1 day, 10-year 1 day, and 25-year 3 day storm events to determine the required pipe size and capacity of future stormwater pump station that will meet the SFWMD permitting requirements for a single outfall. Proposed hours are as follows: Jr. Engineer-10 hours @ \$100/hour , Project Engineer-50 hours @ \$125/hour, Project Manager IV- 30 hours @ \$145/hour, Director Engineering V- 3 hours @ \$165/hour = \$12,095.

- Proposed drainage system model review and calibration. Proposed hours are as follows: Jr. Engineer-10 hours @ \$100/hour , Project Engineer-20 hours @ \$125/hour, Eng. Sr CADD Tech Manager - 24 hours @ \$115/hour, Project Manager IV, - 10 hours @ \$145/hour, Director Engineering V- 3 hours @ \$165/hour = \$8,205.

- Determine the optimum pipe size of the single outfall system using iterative calculations. Proposed hours are as follows: Project Engineer-10 hours @ \$125/hour, Director Engineering V- 2 hours @ \$165/hour = \$1,580.

- CGA shall attend one (1) meeting with Client to discuss the results of the Drainage Study. Proposed hours are as follows: Project Engineer 2 hours @ \$125/hour, Project Manager IV- 2 hours @ \$145/hour = \$540.

- No engineering plan preparation or permitting are included in the proposal. Implementation of the recommended improvements will be under a separate proposal.

COST OF THESE SERVICES (Lump Sum)		
I	Professional Engineering Services	
	A Professional Civil Engineering Services	\$22,420.00
II	Meetings not included in I thru I	Hourly
	TOTAL (Plus Hourly Services)	\$22,420.00

AUTHORIZATION

**Kindly sign and return this authorization at your earliest convenience.
Calvin, Giordano & Associates, Inc.
will proceed upon receipt of authorization.**

By:

Mr. Michael O'Rourke
Mayor

By:

Dennis J. Giordano
President

Date:

Date:
