

**WORK ORDER No. 3 FOR PROFESSIONAL SERVICES**

TO: Marlin Engineering Inc.  
2191 NW 97 Avenue  
Miami, Florida 33172  
(305) 477-7575

DATE: May 15, 2018

The City of Doral authorizes the firm of Marlin Engineering, Inc. to proceed with professional design services for the analysis of the sidewalks and curb ramps at the entrance to both Doral Landings East and West along NW 114 Avenue. The services provided will be as described in Marlin Engineering's proposal dated May 15, 2018, which includes a survey of the sidewalk and adjacent above ground utilities, analysis of the sidewalks and curb ramps for ADA compliance, a technical memorandum outlining any deficiencies, and proposed solution. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between Marlin Engineering, Inc. and the City of Doral dated February 13, 2018, and the attached Proposal submitted by your firm for the above referenced project.

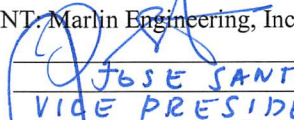
**SCOPE OF SERVICES AND SCHEDULE:**

The scope of the project will be as described in the attached proposal from Marlin Engineering, Inc. dated May 15, 2018. The schedule requires the work to be performed within 3 weeks from the Notice to Proceed. The performance of services associated with this Work Order will be executed on a time and materials basis with a not to exceed amount of \$6,870.00.


You are required by the Continuing Service Agreement to begin work subsequent to the execution of this Work Order, or as directed otherwise. If you fail to begin work subsequent to the execution of this Work Order, the City of Doral will be entitled to disqualify the Proposal, and revoke the award. Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated February 13, 2018 between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this specific Work Order shall prevail and apply.

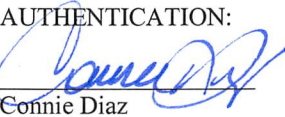
Work Order is not binding until the City of Doral agrees and approves this Work Order.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and date first above written, in three (3) counterparts, each of which shall, without proof or accounting for the other counterpart be deemed an original Contract.

CONSULTANT: Marlin Engineering, Inc.  
BY:   
NAME: JOSE SANTIAGO  
TITLE: VICE PRESIDENT

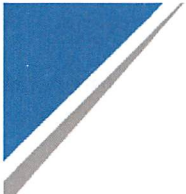
WITNESSES: SEAL:  
1. \_\_\_\_\_  
2. \_\_\_\_\_

OWNER: City of Doral  
BY:   
NAME: Edward Rojas  
TITLE: City Manager

AUTHENTICATION:  
BY:   
NAME: Connie Diaz  
TITLE: City Clerk

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY FOR THE SOLE USE  
OF THE CITY OF DORAL:

BY:   
NAME: WEISS, SEROTA, HELFMAN, COLE, & BIERMAN, PL  
TITLE: City Attorney



May 15, 2018

Eugene Collings Bonfill, P.E., P.S.M., PMP  
Public Works Department  
City of Doral  
8401 Northwest 53<sup>rd</sup> Terrace, 2<sup>nd</sup> Floor  
Doral, FL 33166  
[eugene.collings@cityofdoral.com](mailto:eugene.collings@cityofdoral.com)

**Re: Professional Consulting Services for the Doral Landings ADA Ramp Study**

Dear Mr. Collings:

Marlin Engineering, Inc. proposes to provide the services identified below pursuant to the Continuing Services Final Agreement provided by the City of Doral (The City) for Engineering and Architectural services, dated February 3, 2018.

**I. General**

The project will consist of a study to analyze the existing ADA ramps at the entrance of the Doral Landings East and Doral Landings West communities and present findings, and proposed remediation via an exhibit (plan sheet).

**II. Scope of Work**

Task 1 – Pre-Design Services - Survey

b) Survey Services

The survey to be prepared under the terms of the agreement will be defined as a Topographic Survey as defined in Chapter 5J-17.050, Florida Administrative Code (F.A.C.). Topographic data to be depicted on the survey will include the existing sidewalks, ADA ramps and curbs and all above ground features. A Digital Terrain Model (DTM) from the back of curb to 5' behind the back of sidewalk will be calculated as part of the scope of services. The calculated right-of-way lines, adjacent lot/parcel lines will also be represented on the survey. The length of the sidewalk to be surveyed shall be 50' from the intersection of NW 114<sup>th</sup> Avenue and NW 51<sup>st</sup> Terrace in the northerly/southerly direction in all 4 quadrants at this intersection.

Calculated right-of-way and lot/parcel lines will reference the Miami-Dade County public records or other governmental agency. Coordinates will reference the Florida State Plane Coordinate System, datum NAD 83/90, Florida East Zone, U.S. Survey feet. Elevations will reference an assumed datum.

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Building setbacks, lease parcels and easements not depicted on recorded plats or clearly referenced in the recorded documents for a parcel will not be depicted on the survey. Underground utility locations are not included in the surveying scope of services for this project.

**Task 2 – Analysis**

Marlin Engineering will perform an analysis on the existing ADA ramps at the intersection of NW 51<sup>st</sup> Terrace and NW 114<sup>th</sup> Avenue. The analysis will confirm compliance with ADA guidelines for design elements including grades, width, orientation, clear space, tactile surfaces, and sight distance for pedestrians and vehicles.

**Task 3 – Technical Memorandum/Plan Sheet**

A technical memorandum will be provided with a summary of the analysis of the critical design elements including an engineering evaluation and solution (plan sheet).

**III. Subconsultants – Optional Services**

The below listed subconsultants will assist in the performance of the Work as an optional service.

Subconsultant Name	Specialty or Expertise
N/A	N/A

**IV. Schedule of Work**

SCHEDULE OF DELIVERABLES			
Task or Activity ID#	Major Task, Sub-Task, Activity, or Deliverables	Duration	Delivery Date
	Survey including Office Work	1 week	+1
	Analysis	1 week	+2
	Technical Memorandum	1 week	+3

**V. Compensation**

Consultant shall perform the work detailed in this Proposal for a Total fee of \$6,870.00. The City shall not be liable for any fee, cost, expense or reimbursable expense or other compensation beyond this amount unless approved in a supplemental work order.



SUMMARY OF COMPENSATION			
Task or Activity ID #	Task Name and/or Activity Description	Fee Amount	Fee Basis
	Surveying	\$1,530.00	Hourly Rate, Not to Exceed
	Analysis and Technical Memorandum	\$5,340.00	Lump Sum

#### VI. Additional Services

Additional services and unforeseen circumstances beyond established scope shall be negotiated in good faith and at the sole discretion of The City.

#### VII. Data Provided by the City

The following information or documents are to be provided by The City, if available: As-built information including survey and geotechnical information.

#### VIII. Project Manager

Consultant's Project Manager for this Project will be Jose Santiago, P.E.

Submitted by:

\_\_\_\_\_  
 Jose Santiago P.E., Vice President  
 Marlin Engineering, Inc

Reviewed and approval in concept recommended by:

\_\_\_\_\_  
 Department Director

\_\_\_\_\_  
 City Manager



### MARLIN Survey Fee Breakdown

- Field crew: \$1,000.00 (\$125 x 8 hrs)
- Survey Tech: \$ 425.00 (\$85 x 5 hrs)
- Proj. Surveyor: \$ 105.00 (\$105 x 1 hrs)
  
- Total: \$1,530.00



Consultant Fee Proposal Worksheet

Consultant Name: Marlin Engineering, Inc.  
 Contract No.:  
 Date: 5/15/2018  
 Work Order No:

Project: City of Doral - Doral Landings ADA Ramp Study  
 Project No.:  
 Description:

STAFF CLASSIFICATION

Job Classification Assigned Staff Approved Rate	Project Manager Rafael Lagos Rate: \$175.00		Senior Engineer Roxana Matamoros Rate: \$160.00		Project Engineer Carlos Nieto Rate: \$125.00		CADD Technician John Blankenship Rate: \$92.00		Clerical Audrey Edralin Rate: \$50.00		Rate:		Title Name		Staff Hours	Salary	Average
	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	By Task	Cost By Task	Rate Per Task
1																	
2																	
3 Analysis and Technical Memorandum	4	\$700	4	\$640	32	\$4,000									40	\$5,340	\$133.50
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<b>Total Staff Hours</b>	4		4		32										40		
<b>Total Staff Cost</b>		\$700.00		\$640.00		\$4,000.00										\$5,340.00	\$133.50
<b>Total % of Work by Position</b>	10.0%		10.0%		80.0%												

Note: Fee for the Principal(s) of the firm are not to be included above as the multiplier is not applicable to their hours. The fee is to be shown below and entered as a separate

<u>Estimate of Principal's Fee</u>	
_____ Total hours	_____ \$90.00 / hour = \$ _____

Notes:

1. This sheet is to be used by Prime Consultant to calculate the Grand Total Fee and one is to be used for each Subconsultant
2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden
3. Where applicable the basis for work activity descriptions shall be the FICE/FDOT Standard Scope and Staff Hour Estimation Handbook.
4. Enter the multiplier value in the field after the word "multiplier" Maximum of 2 decimal points.

<b>1 - SUBTOTAL ESTIMATED FEE:</b>	multiplier 1.00	\$5,340.00
additional Services (All: Marlin Engineering - Survey		
Subconsultant:	AMT - Geotechnical - Optional Services	
Subconsultant:	Sub 3	
Subconsultant:	Sub 4	
Principal's Fee	Ramon Soria	\$ -
<b>2 - SUBTOTAL ESTIMATED FEE:</b>		\$5,340.00
Geotechnical Field/Lab Testing:		
Survey Fee (or Survey Crew Fee):		
Other Misc. Fee:	Enter Fee Description	
<b>3 - SUBTOTAL ESTIMATED FEE:</b>		\$5,340.00
Additional Services (Allowance)		
Reimbursables (Allowance)		
<b>GRAND TOTAL ESTIMATED FEE:</b>		\$5,340.00