

**WORK ORDER No. 19 FOR PROFESSIONAL SERVICES**

TO: Marlin Engineering Inc.  
1700 NW 66<sup>th</sup> Avenue, Suite 106  
Plantation, Florida 33313  
(954) 870-5070

DATE: May 13, 2020

The City of Doral authorizes the firm of Marlin Engineering, Inc. to provide professional engineering services for the construction engineering inspection (CEI) services during the construction phase of the roadway improvements along NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street. Where Marlin Engineering, Inc. is a prequalified provider of professional engineering services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in November 2017 through Resolution 17-202. 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 2, 2018, and the attached Proposal dated February 17, 2020 submitted by your firm for the above referenced project.

**SCOPE OF SERVICES AND SCEHDULE:**

The scope of the project will be as described in the attached proposal from Marlin dated February 17, 2020. The scope includes construction engineering inspection (CEI) services during the construction phase of the roadway improvements along NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street. The schedule requires the work to be performed within 240 calendar days from NTP. All limitations of time set forth in this Work Order are of the essence. 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 \$109,920.00.

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 2, 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: Marling Engineering, Inc.  
BY: [Signature]  
NAME: Betsy Seeger  
TITLE: Vice President

WITNESSES:  
1. [Signature]  
2. [Signature]



OWNER: City of Doral  
BY: [Signature]  
NAME: Albert P. Childress  
TITLE: City Manager

AUTHENTICATION:  
BY: [Signature]  
NAME: Connie Diaz  
TITLE: City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE SOLE USE OF THE CITY OF DORAL:  
BY: [Signature]  
NAME: Luis Figueredo, ESQ.  
TITLE: City Attorney

**RESOLUTION No. 20-80**

**A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER BETWEEN THE CITY OF DORAL AND MARLIN ENGINEERING FOR THE PROVISION OF CONSTRUCTION ENGINEERING INSPECTION (CEI) SERVICES FOR THE CONSTRUCTION OF THE ROADWAY IMPROVEMENTS ALONG NW 112 AVENUE BETWEEN NW 25 STREET AND NW 34 STREET, IN AN AMOUNT NOT TO EXCEED \$109,920.00; RECOGNIZING THAT MARLIN ENGINEERING IS A CITY OF DORAL PRE-QUALIFIED VENDOR; AUTHORIZING THE CITY MANAGER TO EXECUTE THE WORK ORDER AND EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, the City of Doral Public Works Department (PWD) wishes to secure a firm to provide Construction Engineering Inspection (CEI) services for the construction of roadway improvements along NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street; and

**WHEREAS**, the City was awarded funding by the State for the construction of said improvements and due to Florida's Department of Transportation (FDOT) criteria the consulting firm that is the Engineer of Record (EOR) cannot perform the CEI services; and

**WHEREAS**, the City issued Invitation to Bid (ITB) #2020-13, "Roadway Improvements at NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street" (the "ITB"), for which the City received ten (10) responses by the April 23, 2020 submittal deadline, with all respondents being determined to be responsive and responsible; and

**WHEREAS**, the Mayor and the City Council Members approved and adopted awarding the construction of Invitation to Bid (ITB) #2020-13, "Roadway Improvements at NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street" at the May 13, 2020 City of

Doral Council meeting; and

**WHEREAS**, the PWD requested a proposal from Marlin Engineering for the provision of Construction Engineering Inspection (CEI) services for the NW 112<sup>th</sup> Avenue (NW 25<sup>th</sup> Street-NW 34<sup>th</sup> Street) roadway improvements project; and

**WHEREAS**, Marlin Engineering will provide day-to-day oversight of the construction, ensuring that the improvements are constructed consistent with the approved plans; and

**WHEREAS**, Marlin is a pre-qualified provider of professional engineering services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in November 2017; and

**WHEREAS**, City staff respectfully requests that the City Council approve Work Order No. 19 for Marlin, a copy of which is attached hereto as Exhibit "A", for the provision of CEI services for the construction of roadway improvements along NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street in an amount not to exceed \$109,920.00.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DORAL AS FOLLOWS:**

**Section 1. Recitals.** The above recitals are confirmed, adopted, and incorporated herein and made part hereof by this reference.

**Section 2. Approval.** Work Order No. 19 for CEI services during the construction of roadway improvements along NW 112<sup>th</sup> Avenue between NW 25<sup>th</sup> Street and NW 34<sup>th</sup> Street, in an amount not to exceed \$109,920.00, a copy of which is attached hereto

as Exhibit "A", together with such non-material changes as may be acceptable to the City Manager and approved as to form and legality by the City Attorney, is hereby approved.

**Section 3. Authorization.** The City Manager is authorized to execute the work order and expend budgeted funds on behalf of the City.

**Section 4. Implementation.** The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

**Section 5. Effective Date.** This Resolution shall take effect immediately upon adoption.

The foregoing Resolution was offered by Councilmember Mariaca who moved its adoption. The motion was seconded by Councilmember Cabral and upon being put to a vote, the vote was as follows:

Mayor Juan Carlos Bermudez	Yes
Vice Mayor Christi Fraga	Yes
Councilwoman Digna Cabral	Yes
Councilman Pete Cabrera	Yes
Councilwoman Claudia Mariaca	Yes

PASSED AND ADOPTED this 13 day of May, 2020.

  
\_\_\_\_\_  
JUAN CARLOS BERMUDEZ, MAYOR

ATTEST:

  
\_\_\_\_\_  
CONNIE DIAZ, MMC  
CITY CLERK

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

  
\_\_\_\_\_  
LUIS FIGUEREDO, ESQ.  
CITY ATTORNEY

# EXHIBIT "A"





Eugene Collings, PE, PSM, DBIA, PMP, CFM  
Assistant Director/Chief of Engineering  
City of Doral Public Works Department  
8401 NW 53<sup>rd</sup> Terrace  
Doral, FL 33166

## CONSULTANT WORK ORDER

### **NW 112<sup>th</sup> Avenue from NW 25<sup>th</sup> Street to NW 34<sup>th</sup> Street/NW 27<sup>th</sup> Street from NW 112<sup>th</sup> Avenue to NW 109<sup>th</sup> Avenue CEI Services**

Dear Mr. Collings,

Marlin Engineering, Inc. (MARLIN) proposes to provide the services identified below for the project entitled “**NW 112<sup>th</sup> Avenue from NW 25<sup>th</sup> Street to NW 34<sup>th</sup> Street/NW 27<sup>th</sup> Street from NW 112<sup>th</sup> Avenue to NW 109<sup>th</sup> Avenue**”, 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**

Pursuant to the Scope of Work of the Continuing Services Final Agreement, MARLIN shall provide professional services in support of the City’s Department of Public Works for the above mentioned project. MARLIN shall administer the contract for this project and provide field observation and oversight services to ensure construction of improvements is in reasonable close conformance to the approved contract documents and the City of Doral policies and procedures. This includes but is not limited to any coordination between governing agencies, overseeing safety concerns, and ensuring compliance with MOT plans. In addition, MARLIN will verify quantities installed by the Contractor and make payment recommendation to the City. This shall be accomplished within the following tasks:

#### **II. SCOPE OF WORK**

- A. Task 1- Monitor Contractor implementation and compliance with MOT plans along the project
  - a. Review Safety Plans and MOT plans for compliance.
  - b. Work Day review of MOT set up.
- B. Task 2- Monitor new Drainage System Installation and connections to existing structures
  - a. Oversight of installation of new structures (Inlets and Manholes).
  - b. Oversight of installation of new exfiltration trenches.
- C. Task 3- Monitor new Curb and Gutter and concrete installation by Contractor
  - a. Oversight of installation of concrete sidewalk
- D. Task 4- Monitor Milling and Resurfacing and Widening by Contractor
- E. Task 5- Monitor the signing and pavement markings installation by Contractor
  - a. Oversight of the relocation and removal of signing by Contractor
  - b. Oversight of the installation of pavement markings by Contractor
- Task 6- Monitor the signalization installation by Contractor
  - a. Oversight of installation of loop assemblies
- F. Task 7- Monitor new lighting system installation by Contractor
  - a. Oversight of installation of conduit and conductor
  - b. Oversight of installation of light poles
- G. Task 8 – Monitor installation of sod by Contractor



- H. Task 9 – Monitor OSHA safety standards
  - a. Ensure that all personnel and visitors on the job site are wearing the appropriate personal protective equipment including hard hats, vests, eye protection, etc.
  - b. Ensure that all safety practices are being to adhered including “trench safety” specifically, that all proper shoring/sloping is applied when needed and ladders are in trenches are in place for ingress/egress when needed.
  - c. Ensure that all equipment (heavy and light) is operational and safe.
- I. Task 10 - Generate daily reports and summarize on a weekly basis all events of relevance while performing tasks 1 to 8.

### III. SCHEDULE OF WORK – TIME OF PERFORMANCE

MARLIN shall submit the Deliverables and perform the Work as depicted in the tables below

<b>SCHEDULE OF DELIVERABLES</b>		
<b>Sheet or ID Number</b>	<b>Deliverable</b>	<b>Anticipated Delivery Date</b>
	Daily/Weekly Construction Reports	Weekly and at the completion of the job
	Review of estimates for payment applications.	Upon submittal of the payment application by the Contractor.

<b>SCHEDULE OF WORK</b>				
<b>Task</b>	<b>Task Name</b>	<b>Duration of Tasks</b> <small>(specify weeks, months, calendar or working days)</small>	<b>Projected Start date</b>	<b>Projected Finish Date*</b>
1	Monitor Contractor MOT compliance	160 Working Days	NTP	NTP + 240 CD's
2	Monitor new drainage system installation	160 Working Days	NTP	NTP + 240 CD's
3	Monitor new Curb and Gutter and concrete installation	160 Working Day	NTP	NTP + 240 CD's
4	Monitor milling and resurfacing and widening	160 Working Days	NTP	NTP + 240 CD's
5	Monitor signing and pavement markings installation	160 Working Days	NTP	NTP + 240 CD's
6	Monitor signalization installation	160 Working Days	NTP	NTP + 240 CD's
7	Monitor lighting installation	160 Working Days	NTP	NTP + 240 CD's





8	Monitor sod installation	160 Working Days	NTP	NTP + 240 CD's
9	Monitor OSHA standards and ensure compliance	160 Working Days		
10	Review of estimates for payment applications. Generate daily reports and summarize on a weekly basis	32 Weeks	NTP	NTP + 240 CD's

\*An updated schedule, indicating actual delivery dates, based on the above durations, will be provided to the City upon receipt of the NTP.

MARLIN will provide the City with the Services defined by Task 1 through Task 9, above. The anticipated Notice to Proceed for these Services is: April 2020. As requested, the proposal is for a duration time of 240 Calendar Days.

#### IV. COMPENSATION

MARLIN shall perform the Work detailed in this Proposal for an Hourly Rate, Not to Exceed fee of One Hundred Nine Thousand, Nine Hundred Twenty with 00 cents (\$109,920.00). This Proposal is based exclusively on the staff outlined in the attached Estimate of Work Effort Schedule. If multiple crews are used by the Contractor, MARLIN will require additional Observers to monitor simultaneous work. The City shall not be liable for any fee, cost, expense or reimbursable expense or other compensation beyond this amount. Reimbursable Expenses if applicable, shall be utilized in accordance with the Agreement Provisions and shall conform to the limitations of Florida Statutes § 112.061.

<b>SUMMARY OF COMPENSATION</b>			
<b>Task or Activity ID #</b>	<b>Major Task Name and/or Activity Description</b>	<b>Fee Amount</b>	<b>Fee Basis</b>
1 thru 9	<b>NW 112<sup>th</sup> Avenue from NW 25<sup>th</sup> Street to NW 34<sup>th</sup> Street/NW 27<sup>th</sup> Street from NW 112<sup>th</sup> Avenue to NW 109<sup>th</sup> Avenue CEI Services</b>  Construction Engineering Observation Services	\$109,920.00	Hourly Rate, Not to Exceed

#### V. DATA PROVIDED BY CITY

CITY shall provide MARLIN with any data information available to perform the scope of work. The CITY shall provide plans and specifications for the project for MARLIN's use in the performance of services.





Jose L  
Santiago

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Santiago  
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Date: 2020.02.17 17:58:51 -05'00'

Submitted by: \_\_\_\_\_

Jose L Santiago, PE  
Marlin Engineering, Inc.

\_\_\_\_\_  
Date

Approved by: \_\_\_\_\_

Eugene Collings, PE  
City of Doral

\_\_\_\_\_  
Date



Consultant Fee Proposal Worksheet

Consultant Name: Marlin Engineering, Inc.  
 Contract No.:  
 Date: 2/9/2020  
 Work Order No:

Project: City of Doral - NW 112th Avenue and NW 27th Street CEI  
 Project No.:  
 Description:

STAFF CLASSIFICATION

Job Classification Assigned Staff Approved Rate	Construction Insp Ricardo Angulo Rate: \$75.00		Senior Engineer Rafael Lagos Rate: \$160.00		Rate:		Rate:		Rate:		Rate:		Title Name Rate:		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 Full Time Field Inspection (Tasks 1-9)	1,280	\$96,000	40	\$6,400											1,320	\$102,400	\$77.58
2 Progress Meetings	32	\$2,400	32	\$5,120											64	\$7,520	\$117.50
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<b>Total Staff Hours</b>	1312		72												1,384		
<b>Total Staff Cost</b>		\$98,400.00		\$11,520.00												\$109,920.00	\$79.42
<b>Total % of Work by Position</b>	94.8%		5.2%														

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

Estimate of Principal's Fee

\_\_\_\_\_ Total hours \_\_\_\_\_ / hour = \$ \_\_\_\_\_

1 - SUBTOTAL ESTIMATED FEE: multiplier 1.00

Subconsultant:  
 Subconsultant:  
 Principal's Fee  
 2 - SUBTOTAL ESTIMATED FEE:  
 Geotechnical Field/Lab Testing:  
 Survey Fee (or Survey Crew Fee):  
 Other Misc. Fee: Enter Fee Description

3 - SUBTOTAL ESTIMATED FEE:  
 Additional Services (Allowance)  
 Reimbursables (Allowance)  
 GRAND TOTAL ESTIMATED FEE:

\$109,920.00
\$ -
\$109,920.00
\$109,920.00
\$109,920.00

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