

June 14, 2024

Revision:

Julio Amoedo, MPA, GCC, CUC, GEC  
Chief of Construction  
City of Doral Public Works Department  
8401 NW 53<sup>rd</sup> Terrace  
Doral, FL 33166

## Re: Professional Consulting Services for design services for Milling and Resurfacing and Pavement Markings at several locations

Dear Ms. Perez:

Marlin Engineering, Inc. proposes to provide engineering design, and preparation of construction documents, and contract documents, pursuant to the Continuing Professional Services Agreement provided by the City of Doral ("City") for Professional General Engineering and Architectural Services, RFQ 2023-08 dated April 4<sup>th</sup>, 2024.

### I. General

The scope of work consists of milling and resurfacing, pavement, and marking with no changes in the striping patterns within the designated areas. The locations and limits are specified below:

**Location 1- NW 13<sup>th</sup> Terrace from 89<sup>th</sup> Court to 87<sup>th</sup> Ave:** Corridor length 0.27 miles = 1425 feet



**Location 2- NW 17 St from NW 87 Ave to NW 84 Ave:** Corridor length 0.27 miles = 1425 feet



Location 3- NW 33 St from NW 107 Ave to NW 104 Ave: Corridor length 0.25 miles = 1320 feet



The scope of work outlines the effort required for the production of the construction documents by the City of Doral and Miami Dade County Standards and Specifications.

**Scope of Services:** The scope of work outlines the effort required for the production of the construction documents for the entire project.

## Task 1- Pre-Design services

- 1.1 - **Field Assessments-** A field review will be performed to confirm the data collected on existing features including, but not limited to, ADA ramps conditions, including a photo record and development of a survey at all locations from aerials.
- 1.2- **Project General Tasks-** Project Management and coordination with the City of Doral and permitting agencies.

**Task 2– Design Plans-** For financial considerations, a set of design plans will be provided for each corridor.

- 2.1- **Project General Tasks – 30% Plans-** Prepare preliminary design plans for the proposed improvements for review and comments by the City of Doral.
  - a) Prepare a complete contract set of smart plans consisting of:
    - 1. Key Sheet
    - 2. Summary of Pay Items
    - 3. General Notes
    - 4. Plan Sheets include Roadway and Signing and Pavement Markings
    - 5. Quantities
  - b) Permitting – Permit will be required from the Miami-Dade County Department of Transportation and Public Works (DTPW) traffic division. Permitting fees are not included in this proposal and are the responsibility of the city.
  - c) Construction Cost Estimate – Prepare a construction cost estimate to be included with the 30% and 100% submittal documents.
  - d) Quality Control and Peer Review – Perform quality control and peer review of contract documents. If requested by the City of Doral, a copy of the marked-up set of plans and/or specifications will be provided showing the consultant’s QC review on each scheduled deliverable. The submittals shall include the name of the consultant staff that performed the QC review for each component.



The plans will outline the following improvements: asphalt milling and resurfacing (as per Pavement design from the city), and pavement markings as required. No road reconstruction is included in this proposal.

- Deliverables for this Task will include:
- 30% Construction Plans Package (11"x 17")
  - 30% Engineer's Construction Estimate

**Task 2.2- 100% Plans-**

- a) Incorporate the review comments from 30% of plan submissions into 100% of plans.
- b) Submit the 100% plans for City review. Once all comments are addressed, or if no comments or corrections are necessary, submit the final signed and sealed construction documents and specifications to the city.

Deliverables for this Task will include:

- 100% construction documents.
- Final signed and sealed construction documents.
- Updated construction cost estimate.

**Schedule of Work – Time of Performance**

The anticipated length of services for tasks 1- 2 commencing after the Notice to Proceed. MARLIN shall submit the Deliverables and perform the Work as depicted in the tables below.

Task or Activity ID#	Major Task, Sub-Task, Activity, or Deliverables	Anticipated Delivery Date
1	Pre-Design Service	NTP + 1 week
2.1	30% Plans	NTP + 8 weeks
	Review by the City	NTP + 9 weeks
2.2	100% Plans include a review by DTPW	NTP + 17 weeks

MARLIN will provide the City with the Services defined in the Scope section above. The anticipated Notice to Proceed for these Services is TBD.

**II. Compensation**

Consultant shall perform the work detailed in this Proposal for a Total fee of \$ 56,838.90. 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
1.1	Field Assessment/Development of Survey	\$9,084.60	Time & Material/Not to Exceed
1,2	Project Management	\$5,399.90	Time & Material/Not to Exceed

# MARLIN

2.1	30% Plans/Permitting	\$13,377.52	Time & Material/Not to Exceed
2.2	100% Plans/Permitting	\$28,976.84	Time & Material/Not to Exceed
	Total	\$56,838.90	

- **Exclusions from Basic Services-** Utility Investigation (SUE), Survey, Geotech, and Post Design

### III. Additional Services

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

### IV. City Furnished Documents & Data

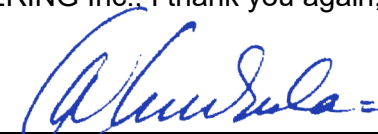
The following information or documents are to be provided by the City, if available: As-built information

### V. Project Manager

Consultant's Project Manager for this Project will be Ms. Aysel Freda, P.E.

Marlin Engineering Inc. appreciates the opportunity to submit this scope and Fee Estimate and we look forward to being of service. If you have any questions concerning this proposal, do not hesitate to contact us. On behalf of MARLIN ENGINEERING Inc., I thank you again, for the opportunity with you on this important project.

Submitted by:



Aysel Freda, P.E.  
Director of Business  
Development  
Marlin Engineering, Inc

Reviewed and approved in concept recommended by:

\_\_\_\_\_  
Julio Amoedo P.E- Chief of Construction

CITY OF SOUTH MIAMI

Consultant Fee Proposal Worksheet

Consultant Name: Marlin Engineering, Inc.

Contract No.:

Date: 6/14/2024

Work Order No:

Project: Several locations

Project No.:

Description: Milling and Resurfacing\_ New Pavement Markings

STAFF CLASSIFICATION

Job Classification Assigned Staff Approved Rate	Project Manager		Senior Engineer		Project Engineer		CADD Technician								Staff Hours By Task	Salary Cost By Task	Average Rate Per Task
	Rate: \$257.80		Rate: \$238.40		Rate: \$199.85		Rate: \$125.15		Rate:		Rate:		Rate:				
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	Man hours	Cost/ Task	Task	Task	Task
1 Field Assessment / Development of Survey	3	\$773	12	\$2,861	16	\$3,198	18	\$2,253							49	\$9,085	\$185.40
2 Project Management	8	\$2,062	14	\$3,338											22	\$5,400	\$245.45
3 Plans- 30%	6	\$1,547	6	\$1,430	32	\$6,395	32	\$4,005							76	\$13,377	\$176.02
4 Plans- 100%	6	\$1,547	6	\$1,430	80	\$15,988	80	\$10,012							172	\$28,977	\$168.47
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<b>Total Staff Hours</b>	23		38		128		130								319		
<b>Total Staff Cost</b>		\$5,929.40		\$9,059.20		\$25,580.80		\$16,269.50								\$56,838.90	\$178.18
<b>Total % of Work by Position</b>	7.2%		11.9%		40.1%		40.8%										

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 = \$ \_\_\_\_\_

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.

1 - SUBTOTAL ESTIMATED FEE: multiplier 1.00

additional Services (All  
Survey Fee (or Survey (r  
Subconsultant:  
Subconsultant:  
Principal's Fee

2 - SUBTOTAL ESTIMATED FEE:

Other Misc. Fee: Enter Fee Description

3 - SUBTOTAL ESTIMATED FEE:

Additional Services (Allowance)  
Reimbursables (Allowance)

GRAND TOTAL ESTIMATED FEE:

\$56,838.90
\$ -
\$56,838.90
\$56,838.90
\$56,838.90