

RESOLUTION No. 24-174

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER WITH MARLIN ENGINEERING INC. FOR THE PROVISION OF DESIGN AND PERMITTING SERVICES FOR THE PEDESTRIAN CROSSWALKS AND PAVEMENT MARKINGS AT VARIOUS LOCATIONS CITYWIDE, IN AN AMOUNT NOT TO EXCEED \$50,564.95; RECOGNIZING THAT MARLIN ENGINEERING, INC. 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) needs to secure a firm to provide design and permitting phase services for the pedestrian Crosswalk Pavement Marking at Several locations; and

WHEREAS, the PWD requested a proposal from Marlin Engineering, Inc. (Marlin) to perform design and permitting phase services for the pavement markings at various locations; 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 via Resolution No. 24-54; and

WHEREAS, PWD staff and Marlin negotiated the attached proposal in a not to exceed amount of \$50,564.95; and

WHEREAS, Marlin will develop the design plans and obtain all necessary permits and approvals for the project to move forward into construction phase; and

WHEREAS, the design services include topographical survey, utility coordination, development of construction plans, permitting with regulatory agencies, and other tasks as detailed on Marlin's proposal; and

WHEREAS, City staff respectfully requests that the City Council approve Work Order No. 1 for Marlin, a copy of which is attached hereto as Exhibit "A", for the provision of design and permitting services for the pavement marking at various locations in an amount not to exceed \$50,564.95; and

WHEREAS, funding for this request is available for Transportation Fund, Account Num. 101.80005.500650.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND 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. 1 for design and permitting of pavement marking at various locations in an amount not to exceed \$50,564.95; 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 Pineyro who moved its adoption.

The motion was seconded by Vice Mayor Puig-Corve and upon being put to a vote, the vote was as follows:

Mayor Christi Fraga	Yes
Vice Mayor Oscar Puig-Corve	Yes
Councilwoman Digna Cabral	Yes
Councilman Rafael Pineyro	Yes
Councilwoman Maureen Porras	Yes

PASSED AND ADOPTED this 14 day of August, 2024.



CHRISTI FRAGA, 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:



LORENZO COBIELLA
GASTESI, LOPEZ & MESTRE, PLLC
CITY ATTORNEY

EXHIBIT “A”

March 29, 2024
Revision: May 3, 2024

Darlin Perez
Chief of Engineering
City of Doral Public Works Department
8401 NW 53rd Terrace
Doral, FL 33166

Re: Professional Consulting Services for design services for 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 4th, 2024.

I. General

The scope of work consists of providing pedestrian crosswalk markings and, the creation of new pavement markings to delineate parking spaces or a central turning lane. Milling and resurfacing will also be conducted within the designated areas. The locations and limits are specified below:

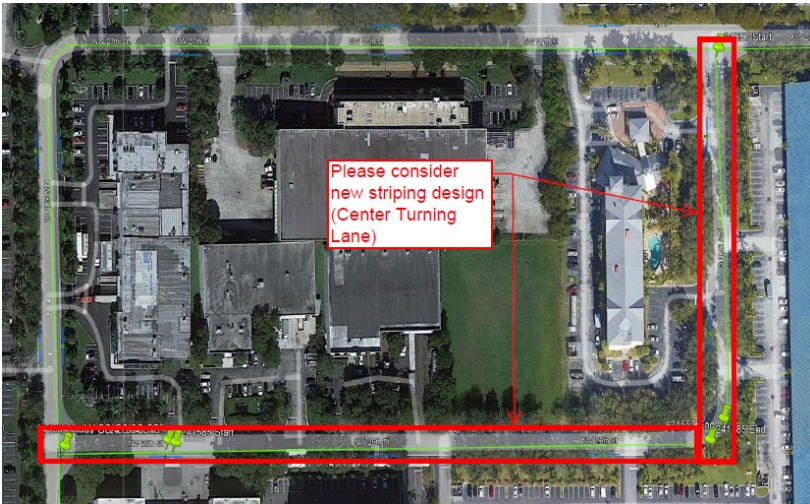
Location 1- NW 112 Ave and NW 88 St- Proposed pedestrian crosswalk.



Location 2- NW 17 St and NW 82 Ave: New pavement markings to delineate parking spaces on the north side.



Location 3- NW 26 St from NW 89 Ct to NW 87 Ct and NW 87 Ct from NW 26 St to NW 27 St: New pavement markings to delineate parking spaces on the south and east sides respectively.



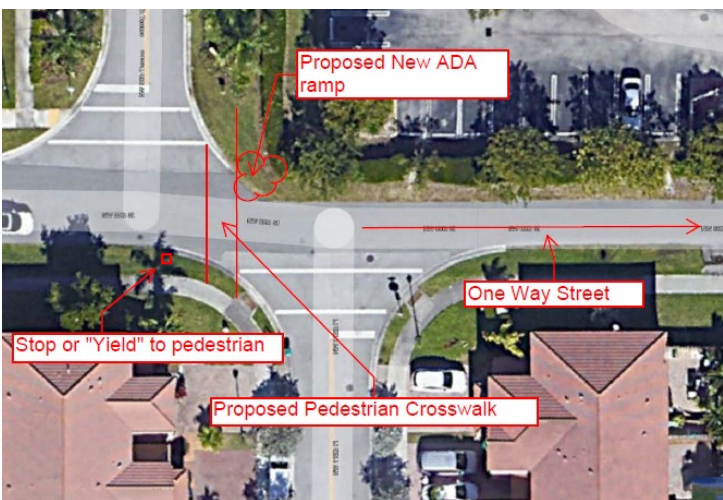
Location 4 - NW 83 St and NW 112 Ct and NW 112 Ave and NW 83 St: Proposed high emphasis pedestrian crosswalks.



Location 5- NW 109 Ave and NW 88 St: Proposed high-emphasis pedestrian crosswalk and new ramp.



Location 6- NW 88 St and NW 112 Pl: Proposed pedestrian crosswalk. Milling and resurfacing the east-west area.



Location 7- NW 89 Ct and NW 35 Ln: Proposed new lane markings with combined chevrons. Milling and resurfacing is required.



Location 8- NW 93 Ct and NW 12 St: Refurbish all existing markings on NW 93 Ct.



Location 9- NW 29 St from NW 87 Ave to NW 84 Ave: Proposed new lane markings with center turning lane or parking spaces if allows. Milling and resurfacing is required.



Location 10- NW 33 St from NW 82 Ave to NW 79 Ave: Proposed new lane markings with center turning lane or parking spaces if allows. Milling and resurfacing is required.



Please consider new striping design (Center Turning Lane), NW 33rd street between 82nd avenue & 79th avenue.

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- **Survey-** Topographic survey of NW 83 St and NW 112 Ct (Location 4). and include the following features: back and front of sidewalk, back and front of curb, flow line, edge of pavement, driveway entrances, existing utilities, existing trees (location only), and existing drainage structures.
- 1.2- **Field Assessments-** A field review will be performed to confirm the data collected on existing features including, but not limited to ADA ramps conditions respectively including a photo record. Development of a survey at all locations from aerials.
- 1.3- **Project General Tasks-** Project Management and coordination with the City of Doral and permitting agencies.

Task 2– Design Plans

- 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, then 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 Survey	1 week after NTP
2.1	30% Plans	8 weeks after NTP
	Review by the City	1 week
2.2	100% Plans include a review by DTPW	8 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 \$ 50,564.95. 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

MARLIN

Task or Activity ID #	Task Name and/or Activity Description	Fee Amount	Fee Basis
1	Survey	\$3,881.15	Time & Material/Not to Exceed
1,2	Field Assessment/Development of Survey	\$11,572.00	Time & Material/Not to Exceed
1,2	Project Management	\$2,938.00	Time & Material/Not to Exceed
2.1	30% Plans/Permitting	\$14,510.00	Time & Material/Not to Exceed
2.2	100% Plans/Permitting	\$17,664.00	Time & Material/Not to Exceed
	Total	\$50,564.95	

- **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

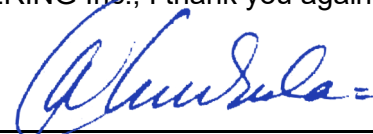
The following information or documents are to be provided by the City, if available: As-built information

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:

Darlin Perez P.E- Chief of Engineering

CITY OF SOUTH MIAMI

Consultant Fee Proposal Worksheet

Consultant Name: Marlin Engineering, Inc.

Contract No.:

Date: 5/3/2024

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	4	\$1,031	18	\$4,291	20	\$3,997	18	\$2,253							60	\$11,572	\$192.87
2 Project Management	4	\$1,031	8	\$1,907											12	\$2,938	\$244.87
3 Plans- 30%	6	\$1,547	16	\$3,814	32	\$6,395	22	\$2,753							76	\$14,510	\$190.92
4 Plans- 100%	6	\$1,547	20	\$4,768	38	\$7,594	30	\$3,755							94	\$17,664	\$187.91
5																	
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Total Staff Hours	20		62		90		70								242		
Total Staff Cost		\$5,156.00		\$14,780.80		\$17,986.50		\$8,760.50								\$46,683.80	\$192.91
Total % of Work by Position	8.3%		25.6%		37.2%		28.9%										

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 line item.

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 (

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:

\$46,683.80
\$3,881.15
\$ -
\$50,564.95
\$50,564.95
\$50,564.95

**Survey
NW 83 St and NW 112 Ct
City of Doral**

Description	Senior Surveyor		Survey Technician		3-Man Crew (8hr Day)		Total
	\$202.62		\$116.26		\$1,697.22		
Research & calc base map			2				\$232.52
Research H/V Control; Check Traverse & Bench run	2		2				\$637.76
Recon Control; Complete traverse & Bench run					0.5		\$848.61
Perform topographic survey; data to include back/front of sidewalk, back/front of curb, flow line, edge of Pavement, exiting above ground visible utilities, exiting trees location only and drainage structures.			4		1		\$2,162.26
Prepare survey & DTM (CADD file and paper survey 11"x17")							\$0.00
Subtotal:							
Total:							\$3,881.15

2	0	8	0	1.5	0
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