

December 8, 2025

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

**Re: Professional Consulting Services for the Citywide Sidewalk Improvements Project
Phase 3 (LAP Project) – SA #1**

Dear Ms. Perez:

Marlin Engineering, Inc. proposes to provide engineering design, 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, dated January 4th, 2021.

I. General

The project consists of the construction of new sidewalks at five locations within Doral, Miami-Dade County, Florida, as specified below:

- **Location 1:** NW 21st St from NW 107th Ave to NW 102nd Ave (Southside)
- **Location 2:** NW 27th St from NW 87th Ave to NW 87th Ct (Southside)
- **Location 3:** NW 27th St from NW 109th Ave to NW 112th Ave (Northside)
- **Location 4:** NW 29th St from NW 109th Ave to NW 112th Ave (Northside)
- **Location 5:** NW 114th Ave from NW 34th St to NW 39th St (Westside) and NW 34th St from NW 114th Ave to approximately 490 ft east (Northside)

As the project transitions to a Local Agency Program (LAP) project, environmental documentation, LAP-required documents, and plan submittals through the FDOT ERC system are included as part of the scope of work, in addition to standard engineering and design services.

II. Scope of Services:

Marlin will document environmental conditions within the project limits to identify potential impacts and prepare the Type I Categorical Exclusion Checklist (Type I CE) for submittal to FDOT, along with all other LAP-required documents.

Task 1.1- Environmental and Arboricultural Services (SMART-SCIENCES)

Smart-Sciences will provide environmental and arboricultural services for the project, including: (See attached for additional information)

- **FBB Roost Survey and Letter Report:** Perform a one-day survey to identify potential Florida bonneted bat (FBB) roosting trees, snags, and structures; document findings and prepare a letter report for NABat review.

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- **USFWS Consultation through IPaC:** Submit Informal Technical Assistance requests for the FBB and provide guidance on Best Management Practices to minimize impacts.
- **Virtual Meetings/Communications:** This task includes attending virtual meetings, such as project kickoff meetings and progress meetings. It also includes emails and phone calls with the Client and project team throughout the project to address questions and keep the project moving along in a timely manner.

Task 1.2 – Landscape Plans and Tree Permit (MILLER LEGG)

Tree removal/relocation will be required, Miller Legg will verify tree inventory tables and mitigation calculations for DERM permitting, prepare tree relocation plans, and overlay trees on site/landscape plans for regulatory submission. See *attached for additional information*.

Task 2 – Project Meetings / Coordination-

MARLIN staff will attend meetings to coordinate submittal and present the findings and mitigation strategies with the city and FDOT, as necessary. Status updates on the schedule and progress will be in a timely manner.

Task 3 – 90 % Design Plans (Marlin)

- The design will be to meet LAP requirements
- Submit the revised 90% plans to the City of Doral and FDOT for comments
- Incorporate City and FDOT ERC comments and finalize construction plans production and submit the plans to the county.
- Specification Package Preparation – Prepare specifications and bid documents in accordance with FDOT LAP requirements
- Utility Coordination – Finalize coordination with Utility Agencies

Deliverables for this Task will include:

- Digitally Signed and Sealed Construction Plans
- Final Engineer's Construction Estimate
- Digital copies of approved Permit Package

Task 4 – 100 % Construction Plans Production (Marlin)

- Resubmit the 100% plans to FDOT for comments
- Incorporate FDOT ERC comments and finalize construction plans production
- Specification Package Preparation – Prepare specifications and bid documents in accordance with FDOT LAP requirements
- Utility Coordination – Finalize coordination with Utility Agencies

Deliverables for this Task will include:

- Digitally Signed and Sealed Construction Plans
- Final Engineer's Construction Estimate
- Digital copies of approved Permit Package

Task 5 – LAP Documentation (Marlin)

- Type I Categorical Exclusion Checklist
- ROW Certification
- LAP Agreement

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- DBE Requirement
- Single Audit Act Documentation
- Project Description / Responsibilities
- Schedule of Funding
- Environmental Permit Memo
- Certification of Utility Clearance

III. Subconsultants

The following Subconsultants will assist in the performance of the Services under the Agreement.

(add additional pages as needed)

Subconsultant Name	Specialty or Expertise
Miller Legg	Landscape Architect
Smart-Science	Environmental and Arboricultural

IV. Schedule of Work – Time of Performance

The anticipated length of services for tasks 1- 3 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
1.1	Environmental & Arboricultural Services	NTP + 22 weeks
1.2	Landscape Plans & Tree Permit Application	NTP + 26 weeks
3	90% Design Plans	NTP + 12 weeks
	Review by FDOT, City of Doral & Miami-Dade County	Task 3 + 4 weeks
4	100% Plans Production	Task 3+ 10 weeks
	Review by FDOT and City of Doral	Task 4 + 4 weeks
5	LAP Documentation	NTP + 28 weeks

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

IV. Compensation

Consultant shall perform the work detailed in this Proposal for a Total fee of \$ 90,177.20. 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	Environmental (Smarts Science)	\$12,309.28	Lump Sum

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1.2	Landscape Plans (Miller Legg)	\$25,000.00	Lump Sum
	Landscape Plans (Miller Legg) (Optional Services)	\$13,000.00	Lump Sum
2	Project Meetings/Coordination	\$ 2,78400	Time & Material/Not to Exceed
3	90% Plans	\$17,165.00	Time & Material/Not to Exceed
4	100% Plans & Specs	\$10,798.00	Time & Material/Not to Exceed
4	LAP Documentation	\$ 4,383.00	Time & Material/Not to Exceed
	Total	\$85,440.78	

V. Exclusions from Basic Services- The tree permit application and canopy mitigation fees are to be provided and paid directly by the Client.

VI. 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.

VII. City Furnished Documents & Data

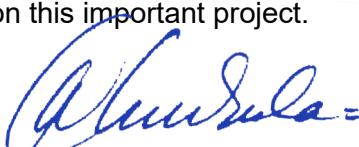
The following information or documents are to be provided by the city, if available: N/A

VIII. Project Manager

The consultant's Project Manager for this Project will be Mr. Rafael Lagos, 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 with respect to 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:


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

Reviewed and approved in concept recommended by:

Darin Perez P.E- Chief of Engineering

CITY OF DORAL

Consultant Fee Proposal Worksheet

Project: **Citywide Sidewalk Improvements Project Phase 3 LAP**

Project No.: Description: Placement of sidewalk at 5 locations throughout the City of Doral

Consultant Name: **Marlin Engineering, Inc.**

Contract No.:

Date: **12/9/2025**

Work Order No:

Project No.: Description: Placement of sidewalk at 5 locations throughout the City of Doral

STAFF CLASSIFICATION													
Job Classification Assigned Staff Approved Rate	Project Manager Rafael Lagos Rate: \$257.80	Senior Engineer Yenny Soca Rate: \$238.40	Project Engineer Yaromil santos Rate: \$199.85	Eng. Technician Dalgis Lara Rate: \$142.40	Rate:	Rate:	CEI Inspector Jose Ferrer Rate: \$ 95.70	Staff Hours By Task	Salary Cost By Task	Average Rate Per Task			
Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours	Cost/ Task	Man hours		
1 Type 1.1 - Environmental and Arboricultural Services													
2 (SMART-SCIENCES)													
3 FBB Root Survey and Letter Report													
4 Consultation with USFWS through IPaC													
5 Virtual Meetings/Communications													
6 Task 1.2- Landscape Plans and Tree Permit													
7 (MILLER LEGG)													
9 Vegetation Inventory													
10 Tree Removal Permitting													
11 Tree Disposition Plans													
12 Offsite Tree Mitigation Plans (Optional Services)													
13 Meeting Attendance													
14 Task 2 - Project Meetings/Coordination (MARLIN)	4	\$1,031	4	\$954	4	\$799					12	\$2,784	\$232.02
15 Task 3 - 90% Design Plans (MARLIN)													
16 Roadway Plans	7	\$1,805	7	\$1,669	21	\$4,197	35	\$4,984			70	\$12,654	\$180.78
17													
18 Construction Quantities & Cost Estimate	3	\$773	3	\$715	8	\$1,599	10	\$1,424			24	\$4,511	\$187.98
19 Task 4 - 100% Plans Production (MARLIN)													
20 Roadway Plans	3	\$773	3	\$715	9	\$1,799	15	\$2,136			30	\$5,423	\$180.78
21													
22 Specification Package Preparation	4	\$1,031	4	\$954	4	\$799					12	\$2,784	\$232.02
23 Construction Quantities & Cost Estimate	2	\$516	2	\$477	8	\$1,599					12	\$2,591	\$215.93
24 Task 5 - LAP Documentation (MARLIN)	4	\$1,031	4	\$954	12	\$2,398					20	\$4,383	\$219.15
25													
26													
27													
Total Staff Hours	27		27		66		60				180		
Total Staff Cost		\$6,960.60		\$6,436.80		\$13,190.10		\$8,544.00				\$35,131.50	\$195.18

Total % of Work by Position 15.0% 15.0% 36.7% 33.3%

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	\$35,131.50
Survey Fee		
Geotechnical Field/Lab		
Enviromental	SMART-SCIENCES	
Traffic Analysis		
Landscape	MILLER LEGG	
Landscape_ Curtis & Rogers		\$ 25,000.00
Optional services		\$72,440.78
Tree Permit_Smart Scie	Optional Services	
3 - SUBTOTAL ESTIMATED FEE:		\$ 13,000.00
Additional Services (Allowance)		\$85,440.78
Reimbursables (Allowance)		
GRAND TOTAL ESTIMATED FEE:		\$85,440.78



December 8, 2025

Rafael Lagos, PE
Chief Engineer
Marlin Engineering
15600 SW 288th Street, Suite 208
Miami, Florida 33033

Subject: Proposal for Environmental Consulting Services
City of Doral Citywide Sidewalk Improvements III – LAP Project
Five Locations with the City of Doral
Doral, Miami-Dade County, Florida
Smart-Sciences Proposal No. 154-013-P

Dear Mr. Lagos:

Smart-Sciences, Inc. (Smart-Sciences) is pleased to submit this proposal to Marlin Engineering (Client) for providing environmental consulting services for the proposed citywide sidewalk improvements within Doral, Miami-Dade County, Florida. Included in the proposal is a summary of germane project information as understood by Smart-Sciences, the proposed scope of services, fees, schedule, and authorization procedures.

Background Information

The project area consists of five sidewalk locations within Doral, Miami-Dade County, Florida (Site). The locations are as follows:

- NW 21st Street from NW 107th Avenue to NW 102nd Avenue (southside)
- NW 27th Street from NW 87th Court to NW 87th Avenue (southside)
- NW 27th Street from NW 112th Avenue to NW 109th Avenue (northside)
- NW 114th Avenue from NW 39th Street to NW 34th Street (westside) and NW 34th Street from NW 114th Avenue to approximately 490 feet to the east (northside)

The Site is located throughout the City of Doral within areas of primarily commercial development. Please refer to **Figure 1** for the approximate Site boundaries. Based on aerial review, no wetlands are present. However, numerous mature trees are present within the project area, which may contain habitat for listed species. The project proposes to create sidewalks where there is no existing sidewalk and utilize sidewalks with a hinge joint system to reduce impacts to adjacent trees. The project is a Local Agency Program (LAP) project in collaboration with the Florida Department of Transportation (FDOT) and will need to follow the NEPA process and requires an environmental assessment. As the project area is located within the U.S. Fish and Wildlife Service (USFWS) consultation area for the Florida bonneted bat (*Eumops floridanus*, FBB), a roost survey will be needed to determine FBB presence and usage of the Site.

Scope of Services

Based on the above information, our understanding of the Site, and the rules and regulations of the governing regulatory agencies, Smart-Sciences is providing the following scope of services:

Task 1 – FBB Roost Survey and Letter Report

Smart-Sciences will conduct a FBB roost survey in accordance with the USFWS Florida Bonneted Bat Consultation Guidelines (2024 Revision). The FBB Roost Structure Inventory will include an inventory of all trees over 20 ft tall, snags over 10 ft tall, and structures over 15 ft tall, documenting species, height, and diameter at breast height (dbh). Trees, snags, and artificial structures will be visually inspected for evidence that it can be used as a shelter, including but not limited to openings one inch in diameter or greater. The presence of cavities, hollows, decay, or loose bark will be noted, including the height of the cavity or deformity. Photographs will be taken of trees, snags, or artificial structures with cavities or other deformities where bats may emerge or find shelter.

The FBB Roost Structure Survey will involve the collection of additional data (i.e., GPS coordinates, survey start and end time, habitat and roost type, aspect of exit, etc.) for data submission for potential roost trees (trees of any species 34 ft or taller, snags 28 ft or taller, with a dbh 7.4 in or greater). This effort will include reviewing tree cavities for use by FBB as roosting or resting areas. Smart-Sciences' biologists will inspect cavities or crevices for claw marks, hair, guano, or other signs of use. As appropriate, cavities will be inspected visually with a video camera mounted on an extendable rod or by direct sight inspection using binoculars. Cavities above 35 feet of elevation are out of reach of the surveying equipment, and if observed cavities above this height cannot be inspected in its entirety (binoculars may not be sufficient), a supplemental acoustic and/or emergence survey may become necessary to assess if FBB are roosting in this tree. **The performance of an acoustic and/or emergence survey is outside the scope of this proposal and could be provided if needed.**

Task 1 includes the preparation of a letter report for submittal to the North American Bat Monitoring Program (NABat), which allows review by USFWS staff. The letter report will discuss our findings from the roost survey activities, including dimensions and color photographs of the trees inspected, and provide a discussion of FBB roosting potential within and directly adjacent to the project area. Please note that this letter report will not meet the USFWS requirements for a Biological Assessment. If FBB are identified to be roosting within or directly adjacent to the Site, ESA Section 7(a)(2) Consultation would be required. If observed cavities/crevices could not be inspected in its entirety due to height and/or location, a supplemental acoustic survey may be needed to determine if FBB are roosting in trees proposed for removal. Additionally, ESA Section 7(a)(2) Consultation may be required. Such consultation efforts are beyond the scope of this proposal, but can be provided, as we routinely coordinate with USFWS on issues of FBB.

Task 2 – Consultation with USFWS through IPaC

The Site is located within the Assumed Presence Polygon for the federally endangered Florida bonneted bat (*Eumops floridanus*, FBB), which will require consultation with USFWS.

Based on our initial inspection, the project keys out to Likely to Adversely Affect (LAA) for the FBB, with consultation with the Service and implementation of Best Management Practices (BMPs) required. Smart-Sciences will submit for Informal Technical Assistance to USFWS through the Information for Planning and Consultation (IPaC) system.

Task 3 – Virtual Meetings/Communications

This task includes attending virtual meetings, such as project kickoff meetings and progress meetings. It also includes emails and phone calls with the Client and project team throughout the project to address questions and keep the project moving along in a timely manner. We have included up to eight hours for this task to be billed on a time and material basis in accordance with our Fee Schedule. In-person meetings are not included in this task. If further fees are required, we will notify the Client. In-person meetings such as meetings with Miami-Dade County staff or the project team will be billed hourly in accordance with our fee schedule.

Cost of Services

Smart-Sciences proposes performing the above scope of services as described below

Task	Fee
Task 1 – FBB Roost Survey and Letter Report	\$6,422.68 (lump sum)
Task 2 – Informal Consultation with USFWS	\$4,484.52 (lump sum)
Task 3 – Virtual Meetings/Communications	\$1,402.08 (time and material)

If unforeseen conditions should require services beyond the scope of services described herein, Smart-Sciences will notify you immediately of additional costs necessary to complete the project, prior to proceeding. Services beyond those described herein will be invoiced in accordance with our standard schedule of fees at the applicable rates. Please note that payment of invoices is due upon receipt.

Deliverables will be provided electronically.

Authorization

If the above scope of services and fees are acceptable, please issue a Work Order for execution.

We appreciate the opportunity to offer our professional services on this project. If you have any questions concerning this proposal, please contact us at the office 786-313-3977.

Sincerely,
SMART-SCIENCES, INC.



Gisele L. Colbert, M.S.
Principal Scientist



Diane Callaghan, M.S.
Senior Scientist
ISA FL-10104A

Attachments
Figure 1 – Aerial Imagery
Schedule of Fees



15500 New Barn Road, Suite 105, Miami Lakes, FL 33014
P: 786.313.3977 F: 305.356.4333
www.smart-sciences.com

Citywide Sidewalk Improvements Phase III

Five Locations within the City of Doral
Doral, Miami-Dade County, Florida

CHECKED BY: GLC

DRAWN BY: DC

PROPOSAL NUMBER
154-013-P

SCALE: AS SHOWN

DATE: 4/30/2025

 Approximate Site Boundaries (total ±1.25 miles,
6,606 linear feet)

2024
Aerial
Imagery
Figure 1

PROJECT NAME: Doral Citywide Sidewalks Phase III

Rates: City of Doral

Client: Marlin

Site: 5 locations in Doral

Location: Doral

Proposal Number: 154-013-P

Name of the Task	Task 1		Task 2		Task 3			
	FBB Roost Survey and Report		Consultation through IPaC		Communications			
LABOR	RATE	Hrs	Amount	Hrs	Amount	Hrs	Amount	
Senior III Scientist	Project Manager	\$257.80	3	\$773.40	3	\$773.40	2	\$515.60
	Environmental Specialist	\$152.40	8	\$1,219.20	8	\$1,219.20	4	\$609.60
	Project I Scientist	\$138.44	32	\$4,430.08	18	\$2,491.92	2	\$276.88
		\$0.00		\$0.00		\$0.00		\$0.00
TOTAL LABOR		43	\$6,422.68	29	\$4,484.52	8	\$1,402.08	



EXHIBIT A – SCOPE OF SERVICES
City of Doral Citywide Sidewalk Improvements (the “Project”)

1.0 PROJECT DESCRIPTION

- 1.1** The Project is generally described as follows: providing landscape architectural and arboricultural services including verification of tree mitigation (relocation / removal) for the City of Doral Citywide Sidewalk Improvements Phase III.
- 1.2** Consultant is Miller, Legg & Associates, inc. Client is Marlin Engineering.
- 1.3** Consultant shall verify tree inventory tables and mitigation calculations for DERM permitting process.
- 1.4** Consultant shall prepare mitigation plans and general notes.

2.0 BASIS OF SCOPE

This scope was prepared based upon exhibits received from Marlin Engineering, dated **06/27/25**. The Consultant reserves the right to amend this scope should the number of trees impacted change.

2.1 General:

- This scope of services is based upon approximately 150 trees identified within inventory charts noted to be impacted and desired to be relocated.
- Arborist reports may be necessary and are not included in this scope.
- Tree permitting including permit / impact fees to be provided by others.
- Utility coordination to be provided by others and is not included in this scope.
- Construction services are not included but can be provided as an additional service.

2.2 Landscape Architecture:

- There are existing trees on site; tree mitigation (removal/relocation) is required; the permitting agency is Miami-Dade County Department of Environmental Resource Management (DERM).

IMPROVING COMMUNITIES. CREATING ENVIRONMENTS.

South Florida Office: 13680 NW 5th Street, Suite 200 • Sunrise, Florida • 33325-6234
(954) 436-7000 • Fax: (954) 493-6539
www.millerlegg.com

- Landscape mitigation plans are included within area depicted by the City of Doral. No on-site plantings shall be included.
- Irrigation, hardscape, site amenities, signage, and project lighting plan designs are *not* included.

3.0 INFORMATION TO BE PROVIDED BY CLIENT

- 3.1 Copies of all relevant data, including correspondence, traffic reports, plans or information in Client's possession which may be beneficial to the work effort performed by consultant.
- 3.2 Filing and permit application fees, review fees, impact fees or any other associated assessments by other governments/agencies.
- 3.3 Previous reports and assessments.

4.0 SCOPE OF BASIC SERVICES AND FEE

The scope of services to be provided by Consultant shall be as follows:

LANDSCAPE ARCHITECTURE TASKS

Task 1 **Vegetation inventory** — Consultant shall review the tree survey (**provided by others**) and visit the site, as necessary, to confirm tree location, size, DBH, canopy, etc. and species (common and scientific name).

Task 2 **Tree Removal Permitting** - Consultant shall evaluate the tree preservation ordinance for the City of Doral and/or Miami-Dade County DERM to determine license requirements. Consultant shall prepare a mitigation plan, calculations, and a tree removal/relocation plan, as necessary, for obtaining a tree removal permit. Consultant shall prepare and submit a tree removal permit application and supporting data (based on the proposed site plan) to the County and/or City of Doral.

Task 3 **Tree Disposition Plans**

A. **Document Preparation** - Consultant shall review a tree inventory and collected data on the existing site conditions to prepare tree disposition construction documents for the Project. Mitigation calculation charts are included depicting mitigation calculations. The documents include 14 plan sheets and approximately 4 disposition charts and one mitigation note sheet. The plans designate existing trees to be preserved, removed, or pruned.



- B. The documents shall include mitigation plans, mitigation notes, and tree inventory charts, meeting the minimum requirements of the City of Doral and/or Miami-Dade County DERM. The documents will be submitted to the Client for review.
- C. **Revisions** - One (1) response to permitting RAIs and one (1) iteration of revisions required upon review of the initial submittal is included in this Task.

Task 4 **Off Site Tree Mitigation Plans (Optional Services)**

- D. **Document Preparation** - Consultant shall prepare Off Site Tree Mitigation construction documents for the Project. The documents include 14 plan sheets and approximately 4 schedule charts and one mitigation note sheet. The plans designate proposed replacement /mitigation trees that satisfy tree permitting requirements.
- E. The documents shall include mitigation plans, mitigation notes, and tree inventory charts, meeting the minimum requirements of the City of Doral and/or Miami-Dade County DERM. The documents will be submitted to the Client for review.
- F. **Revisions** - One (1) response to permitting RAIs and one (1) iteration of revisions required upon review of the initial submittal is included in this Task.

MISCELLANEOUS TASKS

Task 5 **Meeting Attendance** - Consultant shall attend up to 3 meetings at the direction of Client. These services shall be above and beyond the meetings proposed in the previous tasks.

TASK NUMBER	TASK	LUMP SUM FEE	Optional Services
TASKS			
1	Vegetation inventory	\$4,500.00	--
2	Tree Removal Permitting	\$3,000.00	
3	Tree Disposition Plans	\$13,000.00	--
4	Offsite Tree Mitigation Plans		\$13,000.00
5	Meeting Attendance	\$4,500.00	--
	TOTAL FEE	\$25,000.00	\$13,000.00



ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: City of Doral PH3
 County: Broward
 FPN: 0
 FAP No.: 1/0/1900

Consultant Name: Miller, Legg & Associates, Inc.
 Consultant No.: **enter consultants proj. number**
 Date: 12/9/2025
 Estimator: **insert name**

Staff Classification	Total Staff Hours From "SH Summary Firm"	Landscape Architect	Environmental Specialist	Urban Designer	Certified Arborist	Staff Classi- fication 5	Staff Classi- fication 6	Staff Classi- fication 7	Staff Classi- fication 8	Staff Classi- fication 9	Staff Classi- fication 10	Staff Classi- fication 11	Staff Classi- fication 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$180.10	\$152.40	\$163.80	\$172.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
3. Project Common and Project General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6c. Selective C&G	65	13	13	20	20	0	0	0	0	0	0	0	0	66	\$11,049	\$167.40
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs. Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	101	17	23	35	25	0	0	0	0	0	0	0	0	100	\$16,612	\$166.12
26. Landscape Plans	62	11	14	22	16	0	0	0	0	0	0	0	0	63	\$10,478	\$166.32
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	228	41	50	77	61	0	0	0	0	0	0	0	0	229		
Total Staff Cost	\$7,384.10	\$7,620.00	\$12,612.60	\$10,522.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$38,139.20	\$166.55

SALARY RELATED COSTS:															\$38,139.20
OVERHEAD:															\$0.00
OPERATING MARGIN:															\$0.00
FCCM (Facilities Capital Cost Money):															\$0.00
EXPENSES:															\$0.00
SUBTOTAL ESTIMATED FEE:															\$38,139.20
Survey (Field)	0														
Geotechnical Field and Lab Testing															\$0.00
SUBTOTAL ESTIMATED FEE:															\$38,139.20
Optional Services															\$0.00
GRAND TOTAL ESTIMATED FEE:															\$38,139.20

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.