WORK ORDER No. 8 FOR PROFESSIONAL SERVICES

TO: H. W. Lochner, Inc. 8750 NW 36th Street, Suite 360 Doral, Florida 33178 (305) 592-7283

The City of Doral authorizes the firm of H.W. Lochner, Inc. to provide engineering and design services for lighting of trails as outline in their proposal dated May 17, 2023. Where H.W. Lochner, 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 December 2020 through Resolution 20-243. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between H.W. Lochner, Inc. and the City of Doral dated January 1, 2020, and the attached Proposal dated May 17, 2023 and 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 H.W. Lochner, Inc. dated May 17, 2023 to provide engineering and design services for lighting of trails. The schedule requires the scoped of work to be completed within 160 working days of Notice to Proceed. 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 based on the tasks outlined in the proposal submitted by H.W. Lochner, Inc. with a not to exceed the amount of \$225,161.00.

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 January 1, 2020 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.

CONSULTA	NT: H. W. Lochper, Inc.			WITNESSES:	SEAL:		2
BY:	ALL.		1.	Seno		MAYELIN NUNEZ MY COMMISSION # HH 311534	
NAME: TITLE:	Edwin F. Mojena, Vice President	PE	2.	Mit Galet	Corrison	EXPIRES: October 27, 2026	
OWNER:	City of Doral			AUTHENTICATION:			
BY:	BAH		BY:	Could			
NAME:	Barbie Hernandez		NAME:	Connie Diaz, MMC			
TITLE:	City Manager		TITLE:	City Clerk			

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

BY: Valerie Vaurte NAME: Valerie Vicente, Esq for Nabors, Giblin & Nickerson, P.A. TITLE: City Attorney DATE: June 14, 2023



H.W. Lochner, Inc. 8750 NW 36th Street Suite 360 Miami, FL 33178

T 305.503.9873F 305.503.9882

hwlochner.com

May 17, 2023

Lazaro Quintero, MPA, CPRP Assistant Parks and Recreation Director City of Doral 8401 NW 53 Terrace Doral, FL 33166 T (305) 593-6600 F (305) 593-6615 Lazaro.Quintero@cityofdoral.com

RE: City of Doral- Proposal for Lighting of Trails

Dear Mr. Quintero:

H.W. Lochner, Inc. (LOCHNER) is pleased to respond to your request for proposal on the above referenced project.

1. PROJECT BACKGROUND

The City of Doral has requested LOCHNER to perform electrical/lighting plans for the illumination of the existing Turnpike Trail along NW 117th Ave from NW 25th St to NW 58th St within the City of Doral.

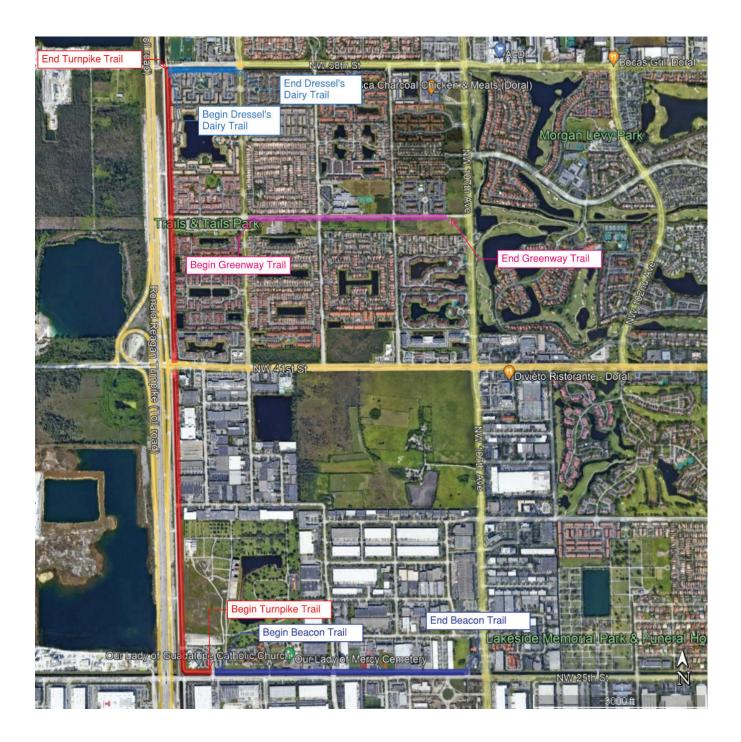
As an optional service, the City of Doral has also requested LOCHNER to perform electrical/lighting plans for the illumination of the existing Greenway trail along NW 50th St from NW 114th Ave. to West of NW 107th Ave.

As an optional service, the City of Doral has also requested LOCHNER to perform electrical/lighting plans for the illumination of the existing Beacon trail along NW 25th St from East of NW 117th Ave. to West of NW 107th Ave.

As an optional service, the City of Doral has also requested LOCHNER to perform electrical/lighting plans for the illumination of the existing Dressel's Dairy trail along NW 58th St from NW 117th Ave. to NW 114th Ave.

2. PROJECT LOCATION

Location of Turnpike Trail is highlighted in RED. Location of Greenway Trail is highlighted in PINK. Location of Beacon Trail is highlighted BLUE. Location of Dressel's Dairy Trail is highlighted in LIGHT BLUE.



3. SCOPE OF WORK FOR ENGINEERING SERVICES:

BASIC SERVICES:

Activity A:

Design a wired lighting system for the existing Turnpike Trail along NW 117th Ave from NW 25th St. to NW 58th St. The luminaires along the trail shall be aesthetically similar to the post top luminaires used at the adjacent Tails and Trail Park. The system shall provide adequate illumination as detailed in the Lighting Design Analysis Report. Coordinate pole locations with the authorities having jurisdiction. Coordinate with utility company to obtain new electrical services. Existing survey and as-built information to be provided by the City of Doral Public Works Department. Utility coordination to be performed by HADONNE, refer to attached proposal for additional information.

OPTIONAL SERVICES:

Activity B:

Design a wired lighting system for the existing greenway trail along NW 50th St. from NW 114th Ave. to NW 107th Ave. The existing luminaires along the trail shall be removed and replaced with post top luminaires aesthetically similar to the pedestrian trail lighting at the adjacent Tails and Trails Park. The system shall provide adequate illumination as detailed in the Lighting Design Analysis Report. Coordinate pole locations with the authorities having jurisdiction. Coordinate with utility company as required for modifications to the electrical service. Existing survey and as-built information to be provided by the City of Doral Public Works Department. Utility coordination information.

Activity C:

Design a wired lighting system for the existing Beacon Trail along NW 25th St from East of NW 117th Ave to West of NW 107th Ave. The luminaires along the trail shall be aesthetically similar to the post top luminaires used at the Tails and Trail Park. The system shall provide adequate illumination as detailed in the Lighting Design Analysis Report. Coordinate pole locations with the authorities having jurisdiction. Coordinate with utility company to obtain new electrical services. Existing survey and as-built information to be provided by the City of Doral Public Works Department. Utility coordination to be performed by HADONNE, refer to attached proposal for additional information.

Activity D:

Design a wired lighting system for the existing Dressel's Dairy Trail along NW 58th St from NW 117th Ave to 114th Ave. The luminaires along the trail shall be aesthetically similar to the post top luminaires used at the Tails and Trail Park. The system shall provide adequate illumination as detailed in the Lighting Design Analysis Report. Coordinate pole locations with the authorities having jurisdiction. Coordinate with utility company to obtain new electrical services. Existing survey and as-built information to be provided by the City of Doral Public Works Department. Utility

coordination to be performed by HADONNE, refer to attached proposal for additional information.

Activity E:

Survey Services for Turnpike Trail. Refer to HADONNE scope of services attached for additional information.

Activity F:

Survey Services for Greenway Trail. Refer to HADONNE scope of services attached for additional information.

Activity G:

Survey Services for Beacon Trail. Refer to HADONNE scope of services attached for additional information.

Activity H:

Survey Services for Dressel's Dairy Trail. Refer to HADONNE scope of services attached for additional information.

DELIVERABLES:

LOCHNER will prepare construction documents for a fully functional lighting system at these locations and as required to obtain permits. Plans, calculations, cost estimates and bid documents will be provided in PDF format and will be digitally signed and sealed. CAD associated with the lighting plans will also be provided. Construction documents provided will include:

- Lighting Plans The plans will include a cover sheet, general notes, tabulation of quantities, legend and criteria, pole data tables, lighting plan sheets, service point details, lighting details, and electrical details.
- Lighting Design Analysis Report (LDAR) This report will include a point-by-point photometric study of the Turnpike and Greenway Trail within the project limits. Lighting criteria used will be as per FDOT 2023 Florida Design Manual (FDM) Sidewalks and Shared Use Paths/Trails. The report will detail what fixture is being used and provide all electrical calculations used to design the lighting system. Power company coordination will be documented in the report.
- Engineer's Cost Estimate A cost estimate will be provided using pay items to separate the unit cost of all materials including contractor mobilization and contingency.
- Bid Document Project specifications will be prepared.

LOCHNER will perform two field reviews, one at prior to design and one during design.

Price will be an important factor when recommending lighting control. A comparison summary between scheduled dimming with motion sensor override controlled lighting and photocell-controlled lighting will be provided to assist City of Doral staff with our recommendation.

POST DESIGN SERVICES:

Activity I - OPTIONAL SERVICE:

As an optional service, LOCHNER shall provide post design services for the Turnpike Trail and Greenway Trail projects. The activities associated with Post Design Services can be characterized as follows:

- **Meetings:** LOCHNER is expected to attend all pre-construction meetings as well as those regularly scheduled meetings throughout the construction phase when deemed necessary by the City of Doral.
- Construction Assistance: This includes responses to Requests for Information (RFI), interpretation of construction plans and documents, and engineering solutions to changed conditions encountered in the field. Site visits shall be made by LOCHNER when agreed upon with the City of Doral. LOCHNER shall respond to any requests from the contractor within 24 hours. This does not mean that the issue will be resolved; it simply means that LOCHNER has received the request, states an immediate course of action, and begins the communication process. Please note that construction assistance services are not a substitute for Construction Engineering and Inspection (CEI) services.
- Plan Updates/Changes: This includes effort required to provide revised plan sheets reflecting any changes made during construction. During construction, LOCHNER may be requested by the City of Doral to review proposed field changes or to respond with a recommended solution to remedy particular field situations not covered by the plans and specifications. If the plan revision(s) are due to design errors and omissions, LOCHNER shall track the revisions independent of the normal post design services tasks and any costs associated with the work will be absorbed by LOCHNER.
- Shop Drawing Review: This includes review of shop drawings for all components supplied by the contractor and required by the bid documents. LOCHNER will review and check all shop drawings submitted by the contractor.

Any task not mentioned in this Scope of Work document will be considered additional services.

4. CONTRACT SUM

BASIC SERVICES:

GRAND TOTAL: For the basic services performed under section 2, Activity A, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$55,848.00)** payable as follows.

OPTIONAL SERVICES:

For the optional services performed under section 2, Activity B, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$31,234.00)** payable as follows.

For the optional services performed under section 2, Activity C, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$34,501.00)** payable as follows.

For the optional services performed under section 2, Activity D, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$23,580.00)** payable as follows.

For the optional services performed under section 2, Activity E, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$34,800.00)** payable as follows.

For the optional services performed under section 2, Activity F, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$11,100.00)** payable as follows.

For the optional services performed under section 2, Activity G, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$12,600.00)** payable as follows.

For the optional services performed under section 2, Activity H, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$11,100.00)** payable as follows.

For the optional services performed under section 2, Activity I, the Client will pay the Engineer time and materials fee in amount not to exceed **(\$10,398.00)** payable as follows.

GRAND TOTAL: For all optional services performed under section 2, and as listed above, the client will pay the Engineer time and materials fee in amount not to exceed (**\$169,313.00**) payable as follows.

Any additional services will be negotiated as needed.

5. PAYMENTS

Subsequent progress payments of the above lump sum fees shall apply and invoice monthly in proportion to the services performed.

Should the client wish us to provide and/or negotiate with third parties, any of the aforementioned services or any other additional work not included in this proposal under the Scope of Work, we will provide it on a Time Charge plus Expenses basis, computed as the sum the following:

- Salary Costs times a multiplier of 3.00
- Non-Salary expenses times a multiplier of 1.05

Salary costs is defined as salary and wages paid for time expend on the project plus the cost of Engineer's statutory and customary benefits, such as, insurance, sick leave, holidays, vacations, medical and retirement benefits, etc.

Non-Salary expenses include such typical expenses as cost of: transportation and subsistence; toll telephone calls and telegraph; computer time and programming costs; subcontract services such as: surveys, subsurface investigation and testing by commercial laboratories.

6. CLIENT RESPONSIBILITIES

Provide access to and make all provisions for the Engineer to enter upon public and private lands as required for the Engineer to perform his work under this proposal.

Place at the disposal of the Engineer all available information pertinent to the project upon which the Engineer can rely, including previous reports and any other data related to the design and construction of the project.

Designate a person to act as the Client's representative with respect to the work to be performed, such person to have complete authority to transmit instructions, receive information, interpret, and define the Client's policies and decisions with respect to the work covered by this proposal.

SCHEDULE OF DELIVERABLES										
Submittal	Deliverables	Duration	Delivery Date* (Cumulative Weeks)							
90% Submittal	Lighting Plans, LDAR, Cost Estimate	20 Weeks	NTP + 20 weeks							
Final Submittal	Lighting Plans, LDAR, Cost Estimate, Specifications	12 Weeks	NTP + 32 weeks							

7. SCHEDULE & DELIVERIES



* An updated schedule, indicating actual delivery dates, based on the above durations, will be provided to the City upon receipt of the Notice to Proceed (NTP). An updated schedule will also be provided for each submittal.

The Engineer has neither jurisdiction nor control over the regulatory agencies and their plans review process, therefore the Engineer shall not be liable for the delays created by said agencies.

8. ACCEPTANCE

The return of an executed copy of this proposal would constitute our authorization to proceed.

Very truly yours,

LOCHNER

Edwin F. Mojena

Edwin Mojena, PE Vice President

ACCEPTED BY:	DATE:
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CONSULTANT PROFESSIONAL SERVICES FOR CITY OF DORAL

Lighting Design - City of Doral Trails

FEE PROPOSAL

Prepared by: Joseph M. Calderon Torres II, P.E.

Task	Activity	Principal	Project	Senior	Project	Engineering	TOTAL			
	D. (Engineer	Manager	Engineer	Engineer	Technician				
	Rates	<u>\$ 210.00</u>	\$ 175.00	\$ 165.00	\$ 132.00	\$ 69.00				
A	Lighting Design for Turnpike Trail along NW 117th Ave from NW 25th St. to NW 58t		1	1	1	1	2.0			
	Kickoff Meeting	2.0	2.0				2.0			
	Gather Project Information		2.0				2.0			
	Field Reviews			4.0	4.0		8.0			
	Lighting Analysis Report/ Photometric Calculations/ Electrical Calculations			20.0	20.0		40.0			
	Coordination with AHJ's	2.0	2.0	4.0	4.0		12.0			
	Electrical Service Coordination			2.0	2.0		4.0			
	Lighting Plans - 90% Submittal	8.0	12.0	50.0	50.0		120.0			
	90% QAQC	2.0	2.0	2.0	2.0		8.0			
	Comment Review and Implementation	2.0	2.0	2.0	6.0		12.0			
	Comment Resolution Meeting		1.0	1.0			2.0			
	Lighting Plans - Final	4.0	8.0	28.0	28.0		68.0			
	Final QAQC	2.0	2.0	2.0	2.0		8.0			
	Comment Review and Implementation	2.0	2.0	2.0	6.0		12.0			
	Comment Resolution Meeting		1.0	1.0			2.0			
	Engineer's Cost Estimate		1.0	2.0	2.0		5.0			
	Bid Document/Specifications		1.0	2.0	2.0		5.0			
	Misc Meetings	1.0	1.0	1.0	1.0		4.0			
	Sub-total Hours	25.0	37.0	123.0	129.0	-	314.0			
	Sub-total Salary Cost	\$ 5,250.00	\$ 6,475.00	\$ 20,295.00	\$ 17,028.00	\$ -	49,048.0			
	LOCHNER Total Hours	25.0	37.0	123.0	129.0	-	314.0			
	LOCHNER Salary Cost	5,250.0	6,475.0	20,295.0	17,028.0	-	\$ 49,048.00			
		6.1.4	7 1/ / F	(A.c. 1 1 TT.:1:		T :1 T :1\)	\$6,800.00			
	Sub-Consultant Fee (Attached, Utility Coordination - Turnpike Trail)									
	Direct Expenses									
				SUB	TOTAL COST F	EE (EXPENSES)	\$6,800.00			
					TO	FAL COST FEE	\$ 55,848.00			

CONSULTANT PROFESSIONAL SERVICES FOR CITY OF DORAL

Lighting Design - City of Doral Trails

FEE PROPOSAL

Prepared by: Joseph M. Calderon Torres II, P.E.

Task	Activity	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	Engineering Technician	TOTAL		
	Rates	4	\$ 175.00	• • • • • • •	\$ 132.00	\$ 69.00			
В	Optional Service - Lighting Design for Greenway Trail along NW 50th St from NW 11	14th Ave. to W		7thAve.		1			
	Gather Project Information		2.0				2.0		
	Field Reviews			2.0	2.0		4.0		
	Lighting Analysis Report/ Photometric Calculations/ Electrical Calculations			10.0	10.0		20.0		
	Coordination with AHJ's	1.0	1.0	4.0	4.0		10.0		
	Electrical Service Coordination			2.0	2.0		4.0		
	Lighting Plans - 90% Submittal	2.0	4.0	25.0	25.0		56.0		
	90% QAQC	1.0	1.0	2.0	2.0		6.0		
	Comment Review and Implementation	1.0	1.0	2.0	4.0		8.0		
	Comment Resolution Meeting		1.0	1.0			2.0		
	Lighting Plans - Final	2.0	4.0	12.0	12.0		30.0		
	Final QAQC	1.0	1.0	2.0	2.0		6.0		
	Comment Review and Implementation	1.0	1.0	2.0	4.0		8.0		
	Comment Resolution Meeting		1.0	1.0			2.0		
	Sub-total Hours	9.0	17.0	65.0	67.0	-	158.0		
	Sub-total Salary Cost	\$ 1,890.00	\$ 2,975.00	\$ 10,725.00	\$ 8,844.00	\$ -	24,434.0		
	LOCHNER Total Hours	9.0	17.0	65.0	67.0	-	158.0		
	LOCHNER Salary Cost	1,890.0	2,975.0	10,725.0	8,844.0	-	\$ 24,434.00		
	Sub-Consultant Fee (Attached, Utility Coordination - Greenway Trail Direct Expenses								
				SUB-	TOTAL COST F	EE (EXPENSES)	\$6,800.00		
					TO	TAL COST FEE	\$ 31,234.00		

CONSULTANT PROFESSIONAL SERVICES FOR CITY OF DORAL

Lighting Design - City of Doral Trails

FEE PROPOSAL

Prepared by: Joseph M. Calderon Torres II, P.E.

Task	Activity	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	Engineering Technician	TOTAL		
	Rates	\$ 210.00	\$ 175.00	\$ 165.00	\$ 132.00	\$ 69.00			
С	Optional Service - Lighting Design for Beacon Trail along NW 25th St from East of N	W 117th Ave.	to West of N	W 107th Ave.					
	Gather Project Information		2.0				2.0		
	Field Reviews			2.0	2.0		4.0		
	Lighting Analysis Report/ Photometric Calculations/ Electrical Calculations			12.0	12.0		24.0		
	Coordination with AHJ's	1.0	1.0	4.0	4.0		10.0		
	Electrical Service Coordination			2.0	2.0		4.0		
	Lighting Plans - 90% Submittal	2.0	4.0	30.0	30.0		66.0		
	90% QAQC	1.0	1.0	2.0	2.0		6.0		
	Comment Review and Implementation	1.0	1.0	2.0	4.0		8.0		
	Comment Resolution Meeting		1.0	1.0			2.0		
	Lighting Plans - Final	2.0	4.0	16.0	16.0		38.0		
	Final QAQC	1.0	1.0	2.0	2.0		6.0		
	Comment Review and Implementation	1.0	1.0	2.0	4.0		8.0		
	Comment Resolution Meeting		1.0	1.0			2.0		
	Sub-total Hours	9.0	17.0	76.0	78.0	-	180.0		
	Sub-total Salary Cost	\$ 1,890.00	\$ 2,975.00	\$ 12,540.00	\$ 10,296.00	\$ -	27,701.0		
	LOCHNER Total Hours	9.0	17.0	76.0	78.0	-	180.0		
	LOCHNER Salary Cost	1,890.0	2,975.0	12,540.0	10,296.0	-	\$ 27,701.00		
		Sub-C	onsultant Fee	(Attached Utilit	v Coordination -	Greenway Trail)	\$6,800.00		
	Sub-Consultant Fee (Attached, Utility Coordination - Greenway Trail Direct Expenses								
	SUB-TOTAL COST FEE (EXPENSES)								
					TO	FAL COST FEE	\$ 34,501.00		

CONSULTANT PROFESSIONAL SERVICES FOR CITY OF DORAL

Lighting Design - City of Doral Trails

FEE PROPOSAL

Prepared by: Joseph M. Calderon Torres II, P.E.

Task	Activity	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	Engineering Technician	TOTAL		
	Rates		\$ 175.00	• • • • • • •	\$ 132.00	\$ 69.00			
D	Optional Service - Lighting Design for Dressel's Dairy Trail along NW 58th St from N	W 117th Ave.	1	Ave.		1			
	Gather Project Information		2.0				2.0		
	Field Reviews			2.0	2.0		4.0		
	Lighting Analysis Report/ Photometric Calculations/ Electrical Calculations			6.0	6.0		12.0		
	Coordination with AHJ's	1.0	1.0	4.0	4.0		10.0		
	Electrical Service Coordination			1.0	1.0		2.0		
	Lighting Plans - 90% Submittal	1.0	2.0	12.0	12.0		27.0		
	90% QAQC	1.0	1.0	2.0	2.0		6.0		
	Comment Review and Implementation	1.0	1.0	2.0	4.0		8.0		
	Comment Resolution Meeting		1.0	1.0			2.0		
	Lighting Plans - Final	1.0	2.0	8.0	8.0		19.0		
	Final QAQC	1.0	1.0	2.0	2.0		6.0		
	Comment Review and Implementation	1.0	1.0	2.0	4.0		8.0		
	Comment Resolution Meeting		1.0	1.0			2.0		
	Sub-total Hours	7.0	13.0	43.0	45.0	-	108.0		
	Sub-total Salary Cost	\$ 1,470.00	\$ 2,275.00	\$ 7,095.00	\$ 5,940.00	\$ -	16,780.0		
	LOCHNER Total Hours	7.0	13.0	43.0	45.0	-	108.0		
	LOCHNER Salary Cost	1,470.0	2,275.0	7,095.0	5,940.0	-	\$ 16,780.00		
		Sub-C	onsultant Fee	(Attached, Utility	v Coordination -	Greenway Trail)	\$6,800.00		
	Direct Expenses								
	SUB-TOTAL COST FEE (EXPENSES)								
					TO	FAL COST FEE	\$ 23,580.00		

CONSULTANT PROFESSIONAL SERVICES FOR CITY OF DORAL

Lighting Design - City of Doral Trails

FEE PROPOSAL

Prepared by: Joseph M. Calderon Torres II, P.E.

Task	Activity		rincipal		roject	Senior		Project	Engineering	1	FOTAL
			ngineer		anager	Engineer		Ingineer	Technician		
	Rates	\$	210.00	\$	175.00	\$ 165.00	\$	132.00	\$ 69.00		
I	Optional Service - Post Design Services for City of Doral Trails		1.0	1	1.0	1.0	1	1.0			1.0
	Pre-bid and Pre-construction meeting		1.0		1.0	1.0		1.0			4.0
	Shop Drawing Review				2.0	8.0		8.0			18.0
	Construction Assistance (RFI's, interpretation of construction plans/docs, engineering solutions for field conditions, construction observation/field reviews)				4.0	12.0		12.0			28.0
	Plan Updates/Changes				2.0	8.0		8.0			18.0
											-
											-
											-
											-
											-
											-
	Sub-total Hours		1.0		9.0	29.0		29.0	-		68.0
	Sub-total Salary Cost	\$	210.00	\$ 1	1,575.00	\$ 4,785.00	\$	3,828.00	\$ -		10,398.0
	LOCHNER Total Hours		1.0		9.0	29.0		29.0	-		68.0
	LOCHNER Salary Cost		210.0		1,575.0	4,785.0		3,828.0	-	\$	10,398.00
							C.,	h Consultan	t Fee (Attached)		
							Su				
								1	Direct Expenses:		
		SUB-TOTAL COST FEE (EXPENSES)							EE (EXPENSES)		\$0.00
								ТОТ	TAL COST FEE	\$	10,398.00



SENT VIA: jcalderon@hwlochner.com

PROPOSAL / AGREEMENT

May 15, 2023

SUBMITTED TO:

Joseph M. Calderon Torres II, P.E. LOCHNER 8750 NW 36th Street, Suite 360

Doral, FL 33178

ABOUT:

Surveying Services for the project known as **"City of Doral's Trail Lighting"** located West of the Turnpike from NW 25th Street to NW 58th Street within the City of Doral.

Dear Mr. Sauleda:

Pursuant to your request regarding a fee estimate for surveying and mapping services for the above referenced project. HADONNE (HC) is pleased to submit the following proposal for your consideration:

DELIVERABLES:

Provide up to three signed and sealed copies of the resulting Map of Survey together with a Digitally Signed PDF and the resulting CADD file.

SCOPE OF SERVICE:

01)Prepare a Map of Topographic Survey, take elevation shots at 100-foot intervals, locate all visible above ground features, depict the Canal Right-of-Way and all intersecting private properties boundary lines.

02)Provide utility coordination services including, distribute plans to Utility Agency Owners (UAO), collect as-builts/record drawings of existing and proposed utilities. Develop detailed conflict matrix. Coordinate with FPL electrical service points to fee proposed lighting. Coordinate the final disposition of utilities.

TIME OF COMPLETION:

We have estimated six calendar weeks to submit a preliminary survey and three weeks for the final submittal.

PROJECT AREA, LENGTH, SIZE AND LOCATION:

See attached (Exhibit "A").

By signing below, I APPROVE AND ACCEPT this letter as a legal contract and read and agree to the payment terms as set forth above.

Bv	1
- 1	

Title:

(Authorized Signature)

Date:_____

(Typed or printed name)

I thank you for this opportunity to present this proposal for your consideration and look forward to your favorable response. In the interim, if there is anything, we can do to be of service in this or any other matter, please do not hesitate to call me directly at +1(305) 266-1188.

Respectfully, **Abraham Hadad**, PSM

President

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Proposal_doral_greenway_trails_05-09-2023

		Su	Survey Crew		Survey Technician		Prof. Surveyor			CAD Drafter			Utility Coordinator				
No.	Scope of Service	Rate	Days	Subt	Rate	HR	Subt	Rate	HR	Subt	Rate	HR	Subt	Rate	HR	Subt	Subtotal
01)	Map of Topographic Survey (Turnpike)	\$1,500	10	\$15,000	\$ 95	60	\$5,700	\$ 150	60	\$9,000	\$85	60	\$5,100				\$ 34,800.00
02)	Map of Topographic Survey (Greenway)	\$1,500	3	\$ 4,500	\$ 95	20	\$1,900	\$ 150	20	\$3,000	\$85	20	\$1,700				\$ 11,100.00
03)	Map of Topographic Survey (Beacon)	\$1,500	4	\$ 6,000	\$ 95	20	\$1,900	\$ 150	20	\$3,000	\$85	20	\$1,700				\$ 12,600.00
04)	Map of Topographic Survey (Dressel)	\$1,500	3	\$ 4,500	\$ 95	20	\$1,900	\$ 150	20	\$3,000	\$85	20	\$1,700				\$ 11,100.00
05)	Utility Coordination (Turnpike)													\$170	40	\$ 6,800	\$ 6,800.00
06)	Utility Coordination (Greenway)													\$170	40	\$ 6,800	\$ 6,800.00
07)	Utility Coordination (Beacon)													\$170	40	\$ 6,800	\$ 6,800.00
08)	Utility Coordination (Dressel)													\$170	40	\$ 6,800	\$ 6,800.00
Project Total: 20				120 120			120			160			\$96,800.00				

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2/5

TERMS AND CONDITIONS

2023 HOURLY RATES:

Survey Field Crew 3 Man (8 HR Day) Survey Field Crew 2 Man (8 HR Day) CADD Technician Survey Technician Senior Surveyor & Mapper Surveyor & Mapper Expert Witness EM Locating Crew Two Man GPR and Locating Crew \$1,500.00 per Day \$1,300.00 per Day \$85.00 per Hour \$90.00 per Hour \$180.00 per Hour \$130.00 per Hour \$200.00 per Hour \$120.00 per Hour \$200.00 per Hour

QUALIFICATIONS: County and / or Municipality Fees are not included in this Proposal and are the Client's responsibility. Rule of Law: All field and office efforts in connection with this project will be performed in strict accordance with the applicable provisions of the "Minimum Standards of Practice for Land Surveying in the State of Florida", pursuant to Rule 5J17-05 Florida Administrative Code. Requests for service not specifically enumerated in this Proposal will be addressed via separate response if so required and an additional charge will apply per HC's hourly rates for calendar year 2023, which are set forth in the "Estimate Fee" section of this Proposal. Our ability to perform is and will be completely influenced by the Client's ability to make the site available and to eliminate all conditions that may interfere with HC's ability to furnish services, and weather conditions. HC will require a 24-hour, prior written notice before field work can be performed. This notice should be sent via email to HC.

SUBSURFACE UTILITY ENGINEERING: Client shall be aware that GPR Technology is not 100% accurate. Depending on factors such as and not limited to soil type, soil moisture, size of underground utility, type of underground utility, depth of underground utilities; some utilities may not be detected by GPR. GPR will detect the presence of the utility but not the type. HC will do its best to identify the type of utility, but it may occur that some detected utility remains unidentified. Area to be located with GPR should be clean without mayor vegetation, debris or any structure that may prevent the use of the equipment. Cleaning, removing of debris or vegetation is not included in this proposal.

PAYMENTS TERMS: Payment is due for HC's completion of each task UPON RECEIPT of HC's Invoices. It is understood that this agreement is between HC and the Client. HC's failure to strictly enforce any provision in this Proposal shall NOT be construed as a modification or amendment of the Proposal's terms, specifically these payment terms, unless otherwise agreed to in writing by HC. HC's receipt of this Proposal, signed by Client, constitutes Client's acceptance of these terms, and HC's Standard Terms and Conditions (collectively the "Contract"), which is attached and incorporated by reference as if fully set forth here. The Client's signature shall also constitute a notice for HC to proceed with its Scope of Services. In the event HC is required to enforce any terms of the Contract, Client agrees to pay to HC all reasonable attorneys' fees and costs incurred, whether suit is filed or not, including attorneys' fees on appeal. Past due payments under this Proposal are subject to a 1.5% interest per month. For special consideration, the Client agrees that HC's liability for this Project, irrespective of the cause, shall be limited to the amount of the Professional Fees Client pays to HADONNE CORP. Both HC and the Client may terminate this Proposal after ten (10) days written notice, and upon Client's payment to HC of all outstanding fees and expenses incurred by HC through the date of such written notice.





RESOLUTION No. 23-89

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER WITH H.W. LOCHNER INC. TO PROCEED WITH CONSULTING SERVICES FOR THE ENGINEERING AND DESIGN OF THE LIGHTING SYSTEM FOR SEGMENTS OF THE CITY'S TRAILS NETWORK AMOUNT OF \$225,161.00 PLUS AN ADDITIONAL 10% CONTINGENCY IN THE AMOUNT OF \$22,516.10 FOR A TOTAL NOT TO EXCEED AMOUNT OF \$247,677.10; AUTHORIZING THE CITY MANAGER TO EXECUTE THE WORK ORDER AND EXPEND AVAILABLE FUNDS ON BEHALF OF THE CITY IN FURTHERANCE HEREOF; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, one of the many projects proposed as part of the 2018 Parks Bond was improvements to the City of Doral's ("City") trails network to include pavement markings, signage, and lighting; and

WHEREAS, to date, the City has completed 2.7 miles of pavement markings to existing segments of the trails network; and

WHEREAS, as part of the lighting for the trails, a lighting analysis was performed as approved via Resolution No. 19-292, which identified proposed lighting improvements; and

WHEREAS, during the February 2022 City Council meeting, the Mayor and City Councilmembers approved the reallocation of funding from the Pedestrian Bridge project to the trails network in the amount of \$2,000,000.00, to be utilized for the lighting of segments of the trails network which were previously to be performed under the Pedestrian Bridge project and additional segments which were identified in the lighting analysis; and

WHEREAS, for the development of the engineering and design documents required to develop the lighting system for the lighting of the trails segments, the Parks & Recreation Department obtained a proposal from H.W. Lochner, Inc. who previously conducted the lighting analysis of the trails network and prepared the construction documents for the lighting of Trails & Tails Park; and

WHEREAS, H.W. Lochner, Inc., is a prequalified provider of professional engineering consulting services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in December 2020; and

WHEREAS, H.W. Lochner, Inc. prepared a proposal for the development of engineering and design services for the lighting of segments of the trails network in a not to exceed amount of \$225,161.00; and

WHEREAS, staff respectfully requests to add a 10% contingency in the amount of \$22,516.10 for a total not to exceed amount of \$247,677.10; and

WHEREAS, staff recommends that the Mayor and City Councilmembers to approve and authorize the City Manager to execute the Work Order with H.W. Lochner, Inc. to develop the engineering and design documents needed for the lighting of segments of the trails network in an amount not to exceed of \$247,677.10 which is inclusive of a 10% contingency.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, AS FOLLOWS:

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

Section 2. Approval. The Work Order between the City of Doral and H.W. Lochner Inc. for the engineering consulting services for the engineering and design of lighting system for segments of the City's trails network in the amount of \$225,161.00 along with a 10% contingency in the amount of \$22,516.10 for a total not to exceed amount of \$247,677.10 is hereby approved.

Section 3. Authorization. The City Manager is authorized to execute the Work Order and expend the aforementioned budgeted funds on behalf of the City in furtherance hereof.

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.

Res. No. 23-89 Page **4** of **4**

The foregoing Resolution was offered by Vice Mayor Pineyro who moved its adoption. The

motion was seconded by Councilmember Porras and upon being put to a vote, the vote was

as follows:

Mayor Christi FragaYesVice Mayor Rafael PineyroYesCouncilwoman Digna CabralYesCouncilwoman Maureen PorrasYesCouncilman Oscar Puig-CorveYes

PASSED AND ADOPTED this 14 day of June, 2023.

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:

VALERIE VICENTE, ESQ. for NABORS, GIBLIN & NICKERSON, P.A. CITY ATTORNEY