

**WORK ORDER No. 13 FOR PROFESSIONAL SERVICES**

TO: H. W. Lochner, Inc.  
8750 NW 36<sup>th</sup> Street, Suite 360  
Doral, Florida 33178  
(305) 503-9873

DATE: May 22, 2020

The City of Doral authorizes the firm of H. W. Lochner, Inc. to provide professional engineering services for environmental engineering services for updating the City's 2006 Street Tree Master Plan as per the scope of services to provide a planting space locations map, a tree selection based on locations, planting specifications, prioritization plan and a budget. 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 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 H.W. Lochner, Inc. and the City of Doral dated February 2, 2018, and the attached Proposal dated May 13, 2020, submitted by your firm for the above referenced project.

**SCOPE OF SERVICES AND SCHEDULE:**

The scope of the project will be as described in the attached proposal from H.W. Lochner, Inc. dated May 13, 2020. The scope includes provision of management, plans coordination and meeting attendance. The schedule requires the work to be performed within 45 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 \$14,900.00.

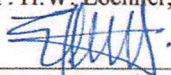
You are required by the Continuing Service Agreement to begin work subsequent to the execution of this Work Order, or as directed otherwise. If you fail to begin work subsequent to the execution of this Work Order, the City of Doral will be entitled to disqualify the Proposal and revoke the award.

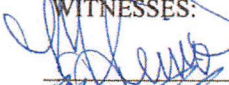
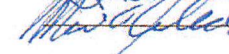
Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated February 2, 2018 between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this specific Work Order shall prevail and apply.

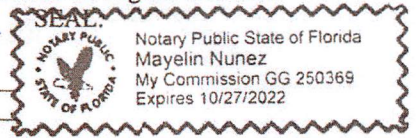
Work Order is not binding until the City of Doral agrees and approves this Work Order.


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.

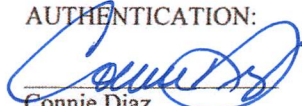
CONSULTANT: H. W. Lochner, Inc.

BY:   
NAME: Edwin F. Mojena, PE  
TITLE: Vice President

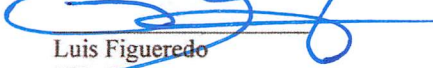
WITNESSES:  
1.   
2. 



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

AUTHENTICATION:  
BY:   
NAME: Connie Diaz  
TITLE: City Clerk

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

BY:   
NAME: Luis Figueredo  
TITLE: City Attorney

May 13, 2020

Ms. Dulce Pantaleon  
General Services Administration  
City of Doral  
8401 NW 53 Terrace  
Doral, FL 33166  
T (305) 593-6740 Ext. 6010  
[dulce.pantaleon@cityofdoral.com](mailto:dulce.pantaleon@cityofdoral.com)

RE: PROPOSAL for Doral Street Tree Planting Plan

Dear Ms. Pantaleon:

H.W. Lochner, Inc. (LOCHNER) is pleased to respond to your request for proposal on the above referenced project. This work effort will be performed by our sub-consultant, E-Sciences.

## 1. PROJECT BACKGROUND

The City of Doral has requested LOCHNER to provide Street Tree Planting Plan for the City.

## 2. SCOPE OF WORK FOR STREET TREE PLANTING PLAN SERVICES:

The prime scope of work consist of management, plans coordination and meeting attendance. The scope of work for the Street Tree Planting Plan is detailed in the sub-consultant's proposal.

## 3. CONTRACT SUM

For the services performed under paragraph 2, the Client will pay the Engineer and Scientist time and materials fee in amount not to exceed **(\$14,900.00)** payable as follows. Any additional services will be negotiated as needed.

## 4. PAYMENTS

Subsequent progress payments of the above 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



# LOCHNER

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.

## 5. CLIENT RESPONSIBILITIES

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

Place at the disposal of the Engineer or Scientist all available information pertinent to the project upon which the Engineer can rely, including previous plans 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.

## 6. SCHEDULE & DELIVERIES

The anticipated completion of the street tree planting plans is 45 days after issuance of NTP for this work order.

## 7. ACCEPTANCE

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

Very truly yours,

LOCHNER



**Edwin Mojena, PE**  
*Vice President*

ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_





ENGINEERING  
ENVIRONMENTAL  
ECOLOGICAL

May 13, 2020

Manuel A. Sauleda, P.E.  
Senior Associate / Senior Project Manager  
LOCHNER  
8750 NW 36th Street, Suite 360  
Doral, FL 33178

**Subject:        Proposal for Street Tree Planting Plan  
                  Doral Street Tree Planting Plan  
                  Doral, Miami-Dade County, Florida  
                  E Sciences Proposal Number 7-0457-P02**

Dear Mr. Sauleda:

E Sciences, Incorporated (E Sciences) is pleased to submit this proposal to provide a street tree planting plan for the City of Doral (City). Included in this proposal is an outline of the background information provided to us, the proposed scope of services, proposed schedule, our estimated cost of services and the authorization procedures including the terms and conditions governing the project.

### **Background Information**

Our understanding of this project is based upon email correspondence between Ms. Dulce Pantaleon with the City and Justin Freedman of our Fort Lauderdale office on April 16, 2020. Per this correspondence, the City wishes to update the City's street tree plan for streets utilizing the results of the tree inventory that E Sciences completed May 31, 2018.

### **Proposed Scope of Services**

#### *Task 1 – Planting Space Location Map*

E Sciences will review the citywide tree inventory and prepare a Planting Space Location Map that will depict the locations of available planting spaces within City ROW. Planting spaces will be categorized based on size, site characteristics, visibility, relationship to other street tree plantings and the location of existing infrastructure(s). The Map will be developed and available to be viewed in GIS and as individual PDFs at an appropriate scale.

#### *Task 2 – Tree Selection*

E Sciences will prepare a tree list that can be used to guide tree and palm planting within the City based on the planting location, site characteristics, diversity and site limitations. The list will include trees and palms

appropriate for the City and will consider planting space size, site characteristics, and the locations of infrastructure (e.g. utilities, sidewalks, buildings, etc.). The list will be assembled using data from the tree inventory, relevant publications, and consultations with the City's horticultural agency staff.

Using species from the tree list, we will provide up to three ranked recommendations for tree selection for each planting location identified in the Planting Space Location Map.

### *Task 3 – Planting Specifications*

E Sciences will provide planting specifications for the trees and palms proposed. The specifications will be based on the planting standards and practices defined in the current American National Standards Institute (ANSI) publication ANSI-A300 Part 6: Tree, Shrub and Other Woody Plant Maintenance – standards Practices, Planting and Transplanting and the International Society of Arboriculture's companion publication: Best Management Practices, Tree Planting. The specifications will include necessary instructions for proper planting and representative photos and diagrams.

### *Task 4 – Prioritization*

E Sciences will prioritize planting spaces based on location, use and occupancy. We will also consider planting spots that were identified as having trees in critical condition in the tree inventory that have not been removed from the landscape.

### *Task 5 - Budget*

E Sciences will prepare a planting budget utilizing current marketplace prices to determine an approximation of the average cost for installation and establishment. The budget will consider the cost of each recommended species and the total number of each species recommended for replanting. The budget will be broken down into three categories including high, moderate, and low priority for budget management purposes.

### **Cost of Services**

E Sciences proposes to perform the above scope of services for a lump sum fee of \$13,600. If unforeseen conditions should require services beyond the scope of services described herein, E Sciences will notify you promptly of additional costs necessary to complete the project, prior to proceeding. Services beyond those described herein will be invoiced in accordance with our agreed schedule of fees at the applicable rates. Please note that payment of invoices is due upon receipt.



**Schedule**

We anticipate completion of the street tree planting plan within 45 days of issuance of the work order for this project.

**Authorization**

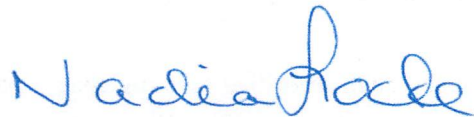
As our written authorization, please provide a work order in accordance with the terms and conditions of our subconsultant agreement associated with the Continuing Professional Services Agreement between BCC Engineering and the City of Doral.

We appreciate the opportunity to offer our professional services on this project. If you have any questions concerning this proposal, please contact us at (954) 484-8500.

Sincerely,  
**E SCIENCES, INCORPORATED**



Justin Freedman, MS  
Associate



Nadia Locke, P.E.  
Associate