

WORK ORDER No. 10 FOR PROFESSIONAL SERVICES

TO: BCC Engineering, Inc.
7300 North Kendall Drive, Suite 400
Miami, Florida 33156
(305) 670-2350

DATE: July 25, 2019

The City of Doral authorizes the firm of BCC Engineering, Inc. to provide professional engineering and planning services to conduct a Citywide Street Tree Inventory (Phase 2). The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Final Agreement between BCC Engineering, Inc. and the City of Doral dated February 5, 2019, and the attached Proposal dated March 25, 2019 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 BCC Engineering, Inc. for the Street Tree Inventory Services (Phase 2). 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 \$14,993.70

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.

This Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated February 5, 2019 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.

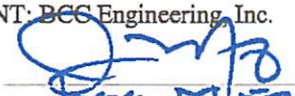
Work Order is not binding until the City of Doral agrees and approves this Work Order.

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: BCC Engineering, Inc.


WITNESSES:

SEAL:

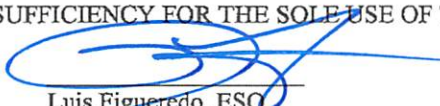
BY: 
NAME: Jose Munez
TITLE: President ICEU

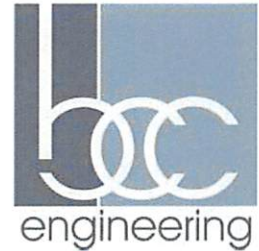
1. _____
2. _____

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

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

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

BY: 
NAME: Luis Figueredo, ESQ
TITLE: City Attorney



March 25, 2019

Ms. Dulce Pantaleon
City of Doral
8401 NW 53rd Terrace
Doral, FL 33166

Reference: **City of Doral – Proposal for Continued Tree Inventory Services**

Ms. Dulce Pantaleon:

Thank you for the opportunity to present this proposal to provide Continued Tree Inventory services for the City of Doral. The services under this task authorization will be provided by our sub-consultant E-Sciences, Incorporated (E-Sciences).

Scope of Services

Please refer to Exhibit "A" for E-Sciences detailed scope of services for the Continued Tree Inventory services.

Basic Services Fee

We propose to provide the above scope of service for a lump sum fee of \$14,145.00. See Scope of Services on attached Exhibit "A" for summary of tasks and cost of services.

A "Sub-Consultant Management Fee" of 6% in the amount of \$848.70 is included on this proposed amount and the amount will be pro-rated and included on each invoice.

Grand Total Amount is \$14,993.70

Exhibit "A" is attached to and made a part of this Agreement. We hope this Proposal meets your expectations and we look forward to working with you on this Project.

Sincerely,

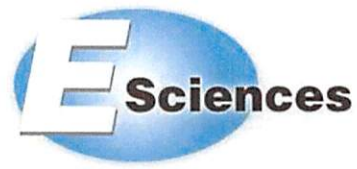
BCC ENGINEERING, INC.

A handwritten signature in blue ink, appearing to read 'Richard Burgess', is written over a light blue horizontal line.

Richard Burgess, P.E.
Project Manager

Exhibit "A"

E-Sciences, Inc. Fee Proposal



**ENGINEERING
ENVIRONMENTAL
ECOLOGICAL**

March 25, 2019

Richard Burgess, P.E.
Roadway Project Manager
BCC Engineering, Inc.
6401 SW 87th Avenue, Suite 200
Miami, FL 33173

**Subject: Proposal for Continued Tree Inventory Services
City of Doral
Doral, Miami-Dade County, Florida
E Sciences Proposal Number 7-0346-P05 rev 1**

Dear Mr. Burgess:

E Sciences, Incorporated (E Sciences) is pleased to submit this proposal to provide continued tree inventory services for the City of Doral (City). Included, and incorporated as part of this proposal, is an outline of the project information provided to us, the proposed scope of services, our fee, the proposed schedule, and authorization procedures including the terms and conditions governing the project.

Background Information

Our understanding of this project is based upon email correspondence between Dulce Pantaleon with the City and Justin Freedman of our Fort Lauderdale office on January 29, 2019. Per this correspondence, the City wishes to continue with the inventory of trees on City properties initiated by E Sciences in May 2018. During the initial phase of the inventory, E Sciences mapped $\pm 6,200$ trees within approximately 70% of the City's roadways. The goal of this second phase will be to complete the inventory of trees within the City roadway right of ways, then begin inventorying trees located on City-owned parcels (i.e. municipal properties, parks, etc.). This proposal has been revised to allow for a five percent markup by the prime consultant.

Proposed Scope of Services

E Sciences will conduct an inventory of up to 3,120 trees and palms within City roadway right of ways and City-owned parcels using Trimble hand-held GPS receivers. In addition to the GPS location of each tree, we will collect data fields for each tree matching those collected during the first phase of the inventory (i.e. DBH class, condition, observations, recommendations, growing space, utility conflicts). Data will be downloaded into GIS and a shapefile will be developed that will include the tree data collected. The deliverable will be a shapefile delivered electronically.

E Sciences, INCORPORATED
224 SE 9th Street • Fort Lauderdale, FL 33316
ph 954-484-8500 fax 954-484-5146
www.esciencesinc.com

Cost of Services

E Sciences proposes to perform the above scope of services for a lump sum fee of \$14,145 for up to 3,120 trees. 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 this second phase of the City-wide tree inventory (i.e. 3,120 trees) 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



Brian Voelker, MS
Senior Scientist



Justin Freedman, MS
Project Manager

Attachment – Cost Estimating Spreadsheet



Project Name: Doral Tree Inventory - Phase 2
 Client: BCC/City of Doral
 Site: City of Doral
 Location: Same
 Proposal Number: 7-0346-P05 (revised 3/18/2019)

Rates: 2019

Name of the Task	TASK 1 - Inventory		TASK 2 -		TASK 3		TASK 4		TASK 5		TASK 6		TASK 7		TASK 8		TOTALS				
	Rate	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount	Hrs	Amount		
LABOR																					
Principal	\$190	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Chief Eng. / Director / Associate	\$190	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Senior Professional II	\$175	2	\$ 350.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	2	\$ 350.00		
Senior Professional I	\$145	27	\$ 3,915.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	27	\$ 3,915.00		
Project Professional II	\$120	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Project Professional I	\$110	79	\$ 8,690.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	79	\$ 8,690.00		
Staff Professional II	\$95	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Staff Professional I	\$85	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Technician II	\$75	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Technician I	\$65	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Senior GIS Analyst	\$110	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
CADD/GIS	\$80	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
Admin Asst / Clerical	\$50	1	\$ 50.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	1	\$ 50.00		
TOTAL LABOR			\$ 13,005.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	109	\$ 13,005.00		
SUBCONTRACTORS	Price	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount		
	0	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
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TOTAL SUBCONTRACTORS + Mark up			\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
OTHER DIRECT COSTS (ODC)	Price	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount		
	0	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
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TOTAL OTHER DIRECT COSTS (ODC) + Mark up			\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -		
FIXED COSTS (In House Direct Expenses)	Price	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount	Units	Amount		
MILEAGE (60 miles X 11 trips)	\$0.75	720	\$ 540.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	720	\$ 540.00
TOLLS	\$20.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
GPS with Built in Laser	\$50.00	12	\$ 600.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	12	\$ 600.00
PER DEIM EXPENSES	\$0.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
COPIES	\$1.95	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
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TOTAL FIXED COSTS			\$ 1,140.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	732	\$ 1,140.00
TOTAL LABOR			\$ 13,005.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	109	\$ 13,005.00
TOTAL SUBCONTRACTORS			\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
TOTAL ODC			\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
TOTAL FIXED COSTS			\$ 1,140.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	732	\$ 1,140.00
TOTAL LABOR AND EXPENSES			\$ 14,145.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	732	\$ 14,145.00