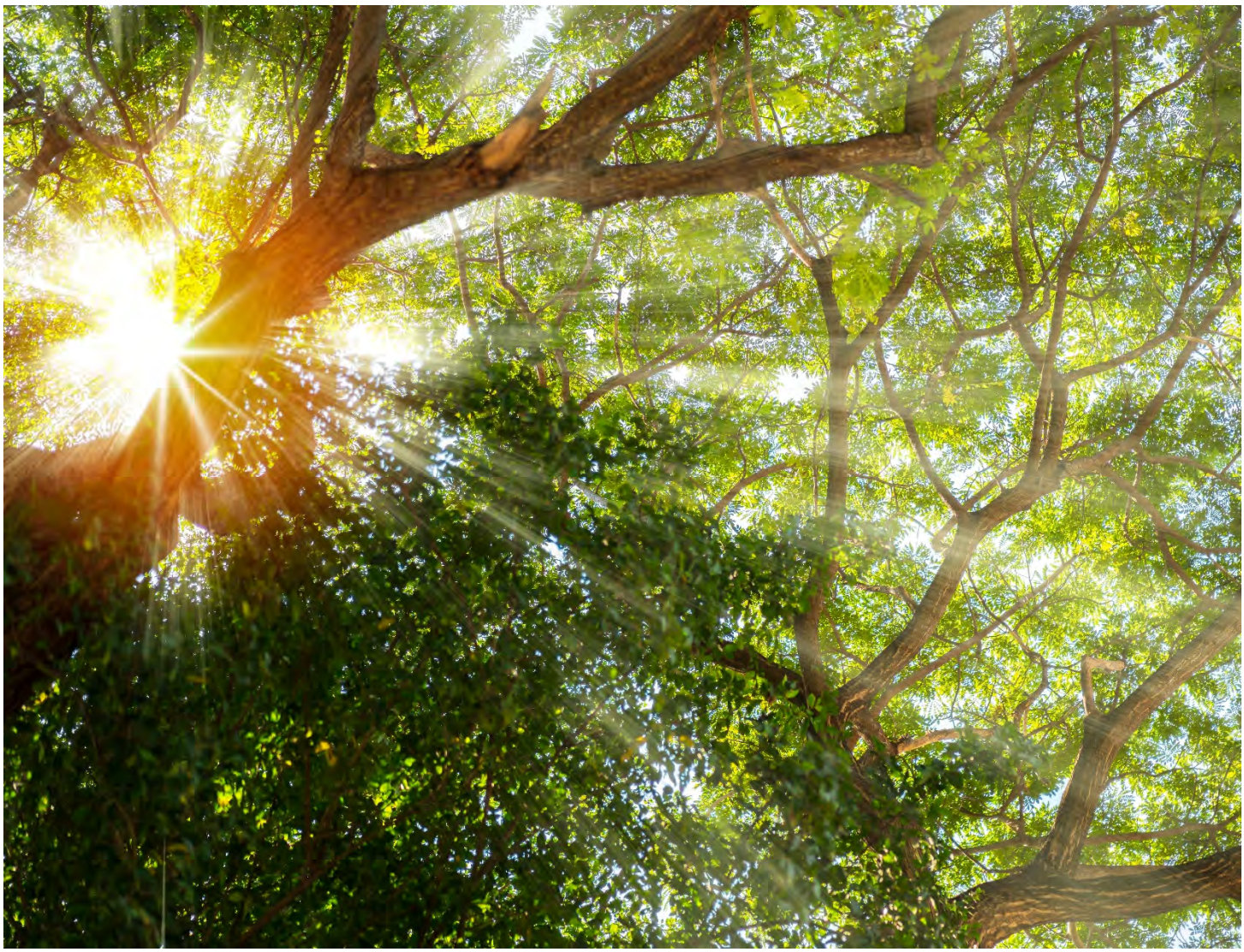

City of Fort Lauderdale

Urban Forestry Master Plan for the City of Fort Lauderdale RFP Event 146

October 24, 2023

Justin Freedman
Florida Advisory Services Manager
jfreeman@res.us | 954.484.8500

RES
33 East Pine Street
Orlando, FL 32801

October 24, 2023

Ms. Laurie Platkin
Procurement Specialist
Northwest Florida Water Management District
81 Water Management Dr.
Havana, FL 32333

RE: Urban Forestry Master Plan for the City of Fort Lauderdale RFP Event 146

Dear Ms. Platkin:

On behalf of RES Florida Consulting, LLC ("RES"), we are pleased to provide the City of Fort Lauderdale (City) with this proposal for developing an Urban Forestry Master Plan. Our Fort Lauderdale-based team has the right mix of experience, technical knowledge, local context, and staff and technological resources to develop a plan that will serve the City for many years to come. Because we work, play, and (many of us) live in the City, we have a vested interest in the City's canopy.

As evidenced by the enthusiastic public discussion surrounding the City's revision of its tree protection ordinance, Fort Lauderdale residents are passionate about issues related to trees. The passion of our residents was wisely anticipated by City staff and thoughtfully addressed through the robustness of the public outreach program described in the RFQ, and the rigor of the studies requested to inform the plan's recommendations. While we have worked hard to sharpen our pencils to meet the budget of which we were informed on October 12, we feel that the pricing we have submitted matches the true costs to meet the intent of the project as advertised. **If we are selected for this project, we (1) will work with City staff to identify additional funding sources, including federal funding opportunities, to complete the project; (2) discuss a phased approach to accomplish this project as described; and/ or (3) find ways to match the scope of the project to the existing budget while still meeting the intent of the project.** We look forward to engaging the City to explore additional funding sources and/or cost control measures. For the purposes of developing costs for this proposal and executing a more environmentally friendly and cost-effective project, we have assumed the City will market public workshops and information about the project through announcements in the City's utility bills. In addition, the City's Public Information Office will notify the public about this project and upcoming meetings through the Next-Door platform, the City's website, or other social media platforms at their disposal. This is a cost-saving and environmentally friendly approach because it uses current technology and reduces paper use. We will gladly rework our cost proposal if this approach does not align with the City's expectations.

We look forward to working alongside you in developing a plan to achieve the City's goals, including the achievement of 33 percent canopy coverage by 2040.

Regards,

Justin Freedman
Florida Advisory Services Manager
jfreedman@res.us | 954.484.8500

Peter Partlow, PE
General Manager, Florida
ppartlow@res.us | 407.481.9006

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Executive Summary

RES (formerly E Sciences)' presence in South Florida began in 2002, when E Sciences opened its first satellite office in Fort Lauderdale. Nadia Locke, a longtime City resident, was a part of that pioneering group and she helped locate that first office in uptown Fort Lauderdale. From a group of two, E Sciences' South Florida team grew to nearly 30 staff and leased a series of offices within the city. For nearly 10 years, we worked in a downtown office building. In 2022, Resource Environmental Solutions (RES) acquired E Sciences, and we just signed a new lease across the street from Whole Foods on 17th Street, just west of SR 5/Federal Highway.

As RES, we are committed to continuing to provide the same high quality consulting services to our valued clients with new capabilities and resources available for us to provide more comprehensive full delivery projects. RES is the largest ecological restoration firm in the nation. We strive to provide nature-based solutions to some of our urban areas' greatest challenges.

For this contract, RES understands the significance of a viable and sustainable green infrastructure. The purpose of this Urban Forestry Master Plan (UFMP) is to provide the path towards the City's goal of increasing its current 26.12 percent canopy coverage to 33 percent coverage by 2040. This plan must be easy to understand, thorough, fact-based, and developed in sequential steps. The UFMP will incorporate data collected from a variety of reports, plans, GIS data and public outreach, and will include recommendations that provide a path for the City to achieve its primary canopy growth goal as well as secondary goals and objectives related to walkability, health, resiliency, social justice, placemaking, and more.

Our Team's Project Manager, Justin Freedman, has over 17 years of experience in arboriculture and urban forestry. He is a Certified Arborist qualified in tree risk assessment. In addition to managing all of RES' urban forestry projects and initiatives for the past 17 years, Justin has served as a statewide leader in arboriculture and urban forestry, serving on numerous boards and planning conferences across the state. Justin is supported by three RES consulting arborists/urban foresters, Kyra Paris (four years of experience), Jen Savaro (ten years of experience), and Larsen McBride (six years of experience). In addition, the Team has 2 QA/QC Managers, Nadia Locke, P.E., and Mark Clark (both with 33 years of experience) to ensure only high-quality deliverables are provided to the City. We have sufficient redundancy of qualified staff with varying years of experience to ensure the most cost-effective, qualified staff are used for any assignment. In addition to our arborist staff, our Fort Lauderdale Office has additional environmental staff available to support them; allowing multiple work efforts to be performed concurrently. Our office also has the necessary equipment to collect field data, as needed, in support of this contract.

Nadia and Justin have a long history of providing high quality services to the City. RES won its first Environmental Engineering contract in 2008. Since that time, RES has continuously held City contracts that allowed us to work closely with City staff on important projects such as the Tarpon River Restoration Project, Bonnet House Greenway Access Assessment, Isle of Palms Seawall Replacement a Climate Change Adaptation, Fort Lauderdale Executive Airport Endangered Species Surveys, Permitting and Relocation, Las Olas Circle Site Assessment, Sistrunk Boulevard Site Assessment, and more. Over the years Nadia Locke, Justin Freedman, and other staff have built relationships with City staff through completion of work orders as well as through involvement in organizations and campaigns of shared interest such as the Broward County Climate Change Task Force and the South Florida Regional Climate Compact. Mr. Freedman and Ms. Locke attended early workshops about Fort Lauderdale's Fast Forward 2035 so that they could better align with the City's innovative sustainability and resilience practices.

RES is supported by Dickey Consulting Services, Inc. (DCS). DCS is an economic development, government relations, project management, and communications consulting firm with a business office in Fort Lauderdale. DCS facilitates partnership development, achieving collective goals by working closely with public officials, administrators, elected officials, and civic and community groups. DCS is a Disadvantaged Business Enterprise (DBE) and has extensive experience working with the City of Fort Lauderdale.

Our approach to this contract is simple – utilize our extensive urban forestry experience and work proactively with City staff, administration, elected officials, and other community stakeholders to provide a high-quality master plan that is both comprehensive and achievable as well as meeting industry standards and best practices. We understand the necessity of collaboration to ensure a successful project outcome. Just like the City, we understand that achieving consensus with stakeholders is not always easy, but always results in better outcomes.

We are fully familiar with this contract's scope of services and understand the City's goals and objectives. Our Team prides itself on innovation. Creativity and "out of the box" thinking can salvage situations/scenarios that might otherwise be untenable. Our extensive experience providing arborist services on similar types of projects allows us the breadth and depth of knowledge to develop methodologies to collect data efficiently and effectively and then present that data in an easily understandable/digestible format using combinations of text, graphs, figures, and GIS exhibits.

RES IS COMMITTED TO EXCEEDING YOUR EXPECTATIONS ON THIS PROJECT.

The RES Team is ready, willing, and able to work with the City to create a Master Plan that provides a path to achieve its long-term urban forestry goals. We have experienced, knowledgeable, and qualified staff to execute this work and look forward to working with the City on this contract.

Experience and Qualifications

RES has the experience and qualifications necessary to deliver a project that meets and exceeds the City's expectations. While RES is a large firm with diverse services, we highlight the experience and qualifications of our local staff, who have a long history of executing successful projects with the City and who are committed to work closely with the City's staff on this important project.

Years of Experience

E Sciences was founded in 2000 in Orlando, Florida, opened its first office in Fort Lauderdale in 2002, and has provided arborist and urban forestry services for more than 16 years in South Florida. Until 2022, this small firm of between 30 to 60 people, with three to four dedicated arborists, inventoried more than 500,000 trees in South Florida. In 2021 E Sciences was purchased by RES and we continue to maintain the same number of qualified staff. Our team is local and has experience with the trees and palms located within Fort Lauderdale, the conditions in which they grow, and the threats and opportunities that will influence the future of the City's desired canopy.

List of Past Projects of Similar Size and Scope

Additional details on each of these projects can be found in the Past Project Description section below.

- City of Miami Southwest Streetscapes Street Tree Master Plan, subconsultant to Curtis + Rogers Design Studio (November 2019 – ongoing)
- Village of Wellington Urban Forestry Management Plan (October 2018 – May 2022)
- City of Delray Beach Urban Forestry Management Plan (November 2021 – April 2022)
- City of Marathon Tree Inventory and Urban Forestry Management Plan (October 2015 – January 2016)
- City of Lake Worth Tree Inventory and Urban Forestry Management Plan (April 2014 – December 2014)

Team Members and Subcontractors

We have provided a brief overview of the key staff proposed in the table below, including their title and role for this project.

Name and Title	Expertise, Experience, and Credentials	Select Past Projects & Role
 **Justin Freedman** **Project Manager**	Mr. Freedman is an experienced environmental professional serving public and private clients throughout Florida. He provides expertise in diverse service areas including urban forestry, environmental permitting and transportation related services, and manages complex, multidisciplinary projects that include a variety of environmental and engineering related tasks. Mr. Freedman has had a significant role in urban forestry in Florida for many years. He serves on the Executive Committee of the Florida Urban Forestry Council and on the Board of Directors for the Florida Chapter of the ISA. A more in-depth experience description is provided later in this proposal. Justin will serve as Project Manager for this project.	▪ **City of Miami Beach Tree Inventory**, Project Manager ▪ **SW Streetscape Tree Inventory**, Project Manager ▪ **Village of Wellington Urban Forestry Management Plan**, Project Manager ▪ **Delray Beach Tree Inventory and Urban Forestry Management Plan**, Project Manager
 **Nadia Lock, PE** **QA/QC Manager**	Ms. Locke has been providing professional environmental and engineering consulting services for over 34 years and provides QA/QC for RES projects. As an engineer who works closely with scientists, she has become integral to RES' urban forestry and arboricultural services and has served as the principal reviewer for more than a dozen tree inventory projects. Ms. Locke serves on the Board of Directors for the Smart Growth Partnership (SGP) and works closely with Fort Lauderdale Parks Manager Kim Pearson on the Urban Tree Task Force. Ms. Locke will provide Quality Control for this project.	▪ **City of Doral Tree Inventory**, QA/QC Manager ▪ **Jose Marti Park Tree Inventory**, QA/QC Manager ▪ **City of Coconut Creek Tree Inventory**, QA/QC Manager ▪ **City of Lake Worth Tree Inventory and Management Plan**, QA/QC Manager

Name and Title	Expertise, Experience, and Credentials	Select Past Projects & Role
 **Mark Clark** **QA/QC Manager**	Mr. Clark has an extensive background performing studies and investigations on biological and ecological impacts, including field evaluations, assessments, recommendations, and report writing. Some of his specific responsibilities include project management, wetland jurisdictional determination, environmental resource permitting, NEPA and permit construction compliance, wetland mitigation design, mitigation monitoring, protected species coordination, assessments, surveys and permitting, NEPA documentation, plans review, and assistance with plan preparation. In his 33 years of experience, Mr. Clark has conducted QA/QC for numerous ecological and arboriculture reports and documents and will support Quality Control for this project.	▪ **Immokalee Airport Improvements**, QA/QC Manager ▪ **Port 1850 Tree Inventory**, QA/QC Manager ▪ **North Bay Civic Park Permitting**, QA/QC Manager ▪ **African American Arts & Cultural Tree Inventory**, QA/QC Manager
 **Kyra Paris** **Consulting Arborist/Urban Forester**	Ms. Paris is a Scientist II with more than four years of experience providing certified arborist services and natural resource assessments. She conducted tree health and structure assessments and GPS data collection. She has performed numerous tree inventories, natural resource identifications, GPS data collections, and GIS database development. Ms. Paris will support the development of the UFMP with an emphasis on urban forest recommendations.	▪ **City of Miami Beach Tree Inventory**, Field team ▪ **SW Streetscape Tree Inventory**, Field Team ▪ **Village of Wellington Urban Forestry Management Plan**, data/research and analysis ▪ **Delray Beach Tree Inventory and Urban Forestry Management Plan**, Field Team, data/research and analysis, management development
 **Jen Savaro** **Consulting Arborist/Urban Forester**	Ms. Savaro has more than 10 years of professional experience as an Arborist. Her prior experience included performing tree/landscape reviews and comments, preparing after-the-fact tree permits, and conducting tree surveys as a regulator for Miami-Dade County Department of Regulatory and Economic Resources. Ms. Savaro will support the development of the UFMP with an emphasis on reviewing and synthesizing data and other information that will inform the Plan.	▪ **Delray Beach Tree Inventory and Management Plan**, Field team ▪ **Village of Wellington Tree Inventory**, Field Team ▪ **City of Marathon Tree Inventory and Management Plan**, Field Team, data/research and analysis, management development ▪ **City of Doral,** Field Team, data/research and analysis

Name and Title	Expertise, Experience, and Credentials	Select Past Projects & Role
 **Larsen McBride** **Consulting Arborist/Urban Forester**	Mr. McBride has been an International Society of Arboriculture (ISA)-Certified Arborist since 2018 and ISA Tree Risk Assessment Qualified (TRAQ) since 2019. He is an author on several forthcoming articles in prominent arboriculture journals and has presented at urban forestry conferences and workshops around the world. Larsen sits on the City of Gainesville's Tree Advisory Board, coordinates with the ISA Florida Chapter's Early Career Arborist Committee, and leads presentations on tree planting and tree risk assessment to horticultural organizations in Alachua County. Mr. McBride will develop and be the primary author of the draft and final reports.	▪ **SW Streetscape Tree Inventory**, Field Team ▪ **Nashville Metro Water Services EAB Program**, Site Manager *(DRG)* ▪ **Hamilton, NJ, Tree Inventory**, Site Manager *(DRG)* ▪ **U.S. Capitol Tree Inventory and Risk Assessment**, Field Team *(DRG)* ▪ **Million Trees NYC**, Resident Engineer *(DRG)*
 **Sheryl Dickey** **Public Outreach Lead**	Sheryl Dickey is the founder and owner of Dickey Consulting Services (DCS) and is a community and economic development professional with more than 35 years of experience. Her firm provides services such as economic development, government relations, project management and communications. Her firm specializes in transportation and infrastructure projects, added technology LEED development, green initiatives and social media. Her responsibilities include managing the administration, staffing and programmatic implementation of the company's professional services to private and public sector businesses, agencies and governments. Ms. Dickey will lead public outreach for this project.	▪ **FDOT Central Broward East-West Transit Study**, **Broward County Neighborhood Improvement Program, SR 9/I-95 PD&E Study,** Project Director ▪ **Fort Lauderdale-Hollywood International Airport**, Airport Noise Abatement Committee Assistance ▪ **Boca Raton Airport Authority and For Lauderdale Executive Airport,** DBE Program Administrator

Past Project Descriptions

Below are summaries of 14 projects conducted by our local RES team over the past 20 years. These projects include tree inventories, urban forestry managements plans, and canopy assessments performed in the South and Central Florida regions. The projects listed do not reflect fully the extent of arborist and urban forestry projects that RES has completed in the state of Florida and around the country.

City of Miami Beach Tree Inventory

AT A GLANCE

Contact
Ander Alvarez, Urban Forester
AnderAlvarez@miamibeachfl.gov
305.673.7084 x 26840
1700 Convention Center Drive – 3rd Floor, Miami Beach, FL, 33139

Fee
$595,203 (approximate)

Performance Period
November 2013 – Ongoing

RES has conducted tree inventories with the City of Miami Beach since 2013 as a part of the City's goal to complete an inventory every five years to address tree maintenance needs and search for available planting spaces. From 2013 to 2016, RES inventoried roughly 49,000 trees within City's managed areas including median and swale areas, parks and natural areas and city-owned properties. Starting in 2020, RES started a new tree inventory cycle and has inventoried 25,494 trees.

Prior to the start of data collection, Justin Freedman and staff coordinated with City staff and discussed defining the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. The data dictionary allowed asset information to be collected and stored in a GIS-compliant format as the asset is located. This approach allowed for increased speed and efficiency, a higher level of consistency of the GIS datasets during fieldwork, and assurance that project accuracy requirements were fulfilled. Further discussion with RES staff was conducted to coordinate the data collection routes to ensure data was collected in a systemic pattern to ensure the final data numbering in a logical order.

During field data collection, data was collected using a submeter GPS with a laser rangefinder. The laser rangefinder allows recording data positions with increased accuracy in areas that cause GPS satellite interference, such as areas with tall buildings. The data collected was post-processed to generate accurate readings of recorded positions to ensure 95 percent or more of the collected data points were below the two-foot accuracy threshold.

Data was also reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure the data collected was consistent and logical. The data will undergo a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

City of Miami SW Streetscape Master Plan

AT A GLANCE

Contact
Aida Curtis
Aida@curtisrodgers.com
305.442.1774

Fee
$225,505

Performance Period
November 2019 – Ongoing

RES worked as a subconsultant on this project, where we conducted a tree inventory within the "Southwest Streetscape" area, located in the southwest portion of the City of Miami, and provided urban forestry support as part of the City's effort to develop a street tree master plan. Through the project's initial phase, RES inventoried over 17,000 trees within a six-square-mile area, comprised of 13 separate neighborhoods, as directed by the City. Starting in 2022, RES started a new phase of the project also directed by the City, within an additional 6.7 square mile area consisting of 12 neighborhoods.

Prior to data collection, Justin Freedman and RES staff coordinated with the City to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. Further discussion with RES staff was conducted to coordinate data collection routes in which direction was provided to collect data in a systematic pattern to ensure the final data numbering in a logical order.

During field data collection, data was collected using a submeter GPS with a laser rangefinder. Two RES arborists conducted the inventory, each working in separate neighborhoods to allow work to be completed in a timely and efficient manner. The data collected underwent post-processing.

Data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The data underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

City of Safety Harbor Tree Inventory

RES conducted a tree inventory in two phases for the City of Safety Harbor over the course of one year and conducted a search for available planting spaces. RES inventoried 4,157 trees within the City's right-of-way and prepared a report summarizing the findings, including tree species assemblage, defects summary, and future planting recommendations.

Prior to data collection, Justin Freedman and RES staff coordinated with the client to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. Further discussion with RES staff was conducted to coordinate data collection routes to collect data in a systematic pattern to ensure the final data numbering was in a logical order.

AT A GLANCE

Contact
James Ryan, City Arborist
jaryan@cityofsafetyharbor.com
727.724.1555

Fee
$25,200

Performance Period
January 2021 – April 2023

During field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected underwent post-processing.

Data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The data underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

Village of Wellington Urban Forestry Management Plan

The tree inventory conducted by RES, along with other data sources, were used to develop an Urban Forestry Management Plan (UFMP) for the Village of Wellington. RES met with Village staff to discuss maintenance practices, schedules/cycles, budgets, staff competencies and training programs. RES gathered relevant Village guidance and policy documents that the Village wanted to be considered in the UFMP. These documents, along with a review of relevant Village and County ordinances, assisted in developing an understanding of the current practices and future goals for the Village's tree canopy. The UFMP included the document's purpose, vision for the urban forest, inventory methods, data analysis, tree benefits analysis (using iTree), maintenance plan (including hurricane procedures), implementation plan, and a monitoring plan.

AT A GLANCE

Contact
Keith Jackson, Engenuity Group
KJackson@EngenuityGroup.com
561.791.4003

Fee
$7,500

Performance Period
October 2018 – May 2022

RES junior staff members conducted research and gathered data to execute the management plan. Once all the research and data were gathered, the analysis, with the assistance of junior staff, was conducted by a senior staff member.

The report and data collected underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

Village of Wellington Tree Inventory

RES conducted a tree inventory in three phases for the Village of Wellington, over the course of three years. A total of 13,179 trees were inventoried in Village-managed areas including major roads, parks, municipal sites, and other green spaces as directed by the Village. We prepared a report summarizing the tree inventory findings, including tree species assemblage, defects summary, and future planting recommendations.

Prior to data collection, Justin Freedman and RES staff coordinated with the Village to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree locations and associated data. Further discussion with RES staff was conducted to ensure data collection routes resulted in final data numbering in a systematic, logical order.

AT A GLANCE

Contact
Keith Jackson, Engenuity Group
KJackson@EngenuityGroup.com
561.791.4003

Fee
$19,800

Performance Period
October 2018 – May 2022

During field data collection, data was collected using a submeter GPS with a laser rangefinder. Two RES arborists conducted the inventory, each working in different areas to ensure data was collected in an efficient and timely manner. Data collected underwent post-processing and RES junior staff members conducted research and gathered data to execute the management plan. Once all research and data were gathered, an analysis was conducted.

Data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The data underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

City of Delray Beach Urban Forestry Management Plan

A tree inventory conducted by RES, along with other data sources, was used to develop a Five-Year Urban Forestry Management Plan for the City of Delray Beach. RES reviewed and analyzed inventory data, canopy data, maintenance procedures and City and County lists of favorable trees, size/age classes, condition, and infrastructure conflicts to identify risks and opportunities for public right-of-way trees. Using the maintenance needs and recommendations from the City about existing maintenance programs and budgets, the management plan outlined removal and replacements recommendations, pruning and other maintenance recommendations, as needed. The management plan included the purpose, inventory methodology, a description of the database, the data analysis, results and recommendations, tabulated results, and an appendix of related, supporting information.

AT A GLANCE

Contact
Kent Edwards, Sustainability Officer
EdwardsJ@MyDelrayBeach.com
561.243.7349
434 S. Swinton Ave, Delray Beach, FL, 33444

Fee
$15,864

Performance Period
November 2021 – April 2022

At the onset of the management plan, RES junior staff members conducted research and gathered data from the City and other sources. Once all research and data were gathered, an analysis was conducted using both junior staff and senior staff members. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

City of Delray Beach Tree Inventory

RES also conducted a tree inventory for the City of Delray Beach as part of their effort to identify individual tree maintenance needs and assist in their search for available planting spaces as part of the City's goal to plant 10,000 trees by 2025. RES inventoried 10,599 trees within ±590 City managed areas. City managed areas included street trees in medians and swales, parks and natural areas, and trees in City owned properties such as government and public resource buildings. Using the data collected from the inventory, RES staff conducted a desktop review and identified potential planting spaces within those ±590 City managed areas. Those potential planting spaces included open green space and areas with dead trees, identified through the tree inventory, that could be removed and replaced. RES prepared a

AT A GLANCE

Contact
Kent Edwards, Sustainability Officer
EdwardsJ@MyDelrayBeach.com
561.243.7349
434 S. Swinton Ave, Delray Beach, FL, 33444

Fee
$71,048

Performance Period
November 2021 – April 2022

report summarizing the findings from the tree inventory, including tree species assemblage, defects summary, tree appraisal values, life span estimates and recommendations.

Prior to data collection, Justin Freedman and RES staff coordinated with the City to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree locations and associated data. RES was provided with a GIS shapefile from the City that defined areas where data collection was to take place. Further discussion with RES staff occurred to coordinate data collection routes to ensure the final data numbering was in logical order.

During field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected then underwent post-processing and was also reviewed by RES geospatial staff to ensure location accuracy. Corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The data underwent a final quality control check. For this project Nadia Locke, PE oversaw quality control.

Unexpected guest visitor observed during the Delray tree inventory.

City of Delray Canopy Assessment

Using ESRI ArcMap and the most recent four-band satellite imagery available from the Florida Department of Transportation, RES assessed the urban tree canopy within the City. RES also assessed canopy coverage of individual neighborhoods and other designated zones as directed by the City.

RES junior staff members conducted research and gathered data and GIS-shapefiles necessary to conduct the tree canopy assessment. Once all the research and data were gathered, the analysis, with the assistance of junior staff, was conducted by a senior staff member. The report and data collected underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

AT A GLANCE

Contact
Kent Edwards, Sustainability Officer
EdwardsJ@MyDelrayBeach.com
561.243.7349
434 S. Swinton Ave, Delray Beach, FL, 33444

Fee
$9,890

Performance Period
July 2018 – May 2019

City of Tampa Continuing Arborist Services

RES assisted the City of Tampa in assessing trees proposed for impact as a result of roadway improvements in the following neighborhoods: New Suburb Beautiful, Historic Hyde Park and Ridgewood Park. RES staff assessed 797 trees and provided a report that included recommendations concerning root pruning and/or protection and limb pruning based on the potential for damage due to milling and resurfacing.

RES staff coordinated with City staff to discuss the project areas to be assessed. Once defined, two RES arborists conducted the tree assessments, with one RES arborist collecting the measurement data (height, canopy spread, Diameter at Breast Height (DBH)) and the other assessing the tree condition. This allowed data to be collected in an efficient and accurate manner.

AT A GLANCE

Contact
Jolanta Olbinska, Engineer III, (N/S), Mobility Department
Jola.Olbinska@tampagov.net
813.274.8122

Fee
$22,909

Performance Period
May 2015– May 2020

Once data collection was complete, the report and data collected underwent a final quality control check. Justin Freedman managed these projects, and Nadia Locke, PE oversaw quality control.

City of Doral Tree Inventory, Street Planting Plan and Arborist Educational Services

RES provided the City of Doral with numerous urban forestry services including grant writing support, tree inventories, a street tree planting plan, and preparation of educational materials and presentations on tree care. For grant writing support, RES assisted the City of Doral in writing grants that allowed the City to receive funds to support their efforts to conduct tree inventories and to develop tree management programs and educational materials for residents. RES inventoried 12,670 trees in two phases within City-owned right-of-way, including trees adjacent to city-owned roadways and medians, trees within city parks, and trees in municipal properties. RES, using the results of the tree inventory, provided a street planting plan for the City that included potential planting space locations, a tree selection list to guide tree and palm plantings, planting specifications for trees, identifying planting space prioritization based on location, use and occupancy, and preparation of a planting budget to determine the approximate cost for installation and establishment. RES also provided educational materials and services to the City of Doral including brochures, poster displays, and tree care seminars to the public.

AT A GLANCE

Contact
Dulce Pantaleon, General Services Administrator (GSA) - Sustainability Coordinator
Dulce.Panataleon@cityofdoral.com
305.593.6740 x 6010

Fee
$77,201

Performance Period
January 2010 – May 2020

Prior to tree inventory data collection, Justin Freedman and RES staff coordinated with the City to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. Further discussion with RES staff was conducted on data collection routes to ensure the final data numbering was in a systematic and logical order.

For the tree inventory field data collection, data was collected using a submeter GPS with a laser rangefinder. The data collected underwent post-processing. In search for planting spaces, RES used the tree inventory data as well as the most up-to-date aerials to find open and available tree planting spaces. This allowed the search for planting spaces to be done via desktop review, an economical and effective manner, in comparison to an in-field search. In the production of the grants and arborist educational materials, research was conducted by junior staff members. Once research was completed, a senior arborist, with assistance from junior staff members, formed the grants and educational materials.

Data for the tree inventory and planting spaces was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The final deliverables underwent a final quality control check. Justin Freedman managed these projects, and Nadia Locke, PE oversaw quality control.

City of Mount Dora Tree Inventory

RES conducted a tree inventory for the City of Mount Dora in two phases over the course of one year. RES inventoried 9,932 trees within City ROW including city streets, municipal parks and other municipal properties designated by City staff. RES also provided tree assessments for 21 additional trees to be impacted by construction activities. RES prepared a report summarizing the findings and provided recommendations.

AT A GLANCE

Contact
Mark DeCosta
decostam@cityofmountdora.com
352-735-7100 x 1831

Fee
$87,560

Performance Period
July 2017– September 2020

Prior to data collection, Justin Freedman and RES staff coordinated with city staff to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree locations and associated data. Further discussion with RES staff was conducted on data collection routes to ensure a systematic pattern resulting in a logical order of final data numbering.

During field data collection, data was collected using a submeter GPS with a laser rangefinder which then underwent post-processing. For the tree assessments, two RES arborists conducted assessments on trees in the project area. One RES arborist collected the measurement data (height, canopy spread, Diameter at Breast Height (DBH)) while the other arborist assessed the tree condition. This allowed data to be collected in an efficient and accurate manner.

Tree inventory data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. All projects conducted through RES undergo a final quality control check. The final deliverables underwent a final quality control check. Justin Freedman managed these projects and Nadia Locke, PE oversaw quality control.

City of Key West Tree Inventory

RES conducted a tree inventory for the City of Key West and a search for available planting spaces. RES inventoried 1,624 trees within 26 City-owned sites, as directed by City staff. RES then prepared a report summarizing the tree inventory, including tree species assemblage, defects summary, tree maintenance recommendations and tree installation and planting recommendations.

AT A GLANCE

Contact
Karen DeMaria, Urban Forestry Manager
KDeMaria@CityofKeyWest-fl.gov
305.809.3768

Fee
$8,600

Performance Period
October 2018– November 2018

Prior to data collection, Justin Freedman and RES staff coordinated with the Key West staff to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. Data collection routes were discussed so that data was collected in a systematic pattern to ensure a logical order in the final data numbering.

During field data collection, data was collected using a submeter GPS with a laser rangefinder. RES arborists conducted the inventory, each working in separate parks and municipal areas to allow work to be completed quickly and efficiently. Data collected then underwent post-processing. In the search for planting spaces, RES used the tree inventory results and the most up-to-date aerials to find open and available tree planting spaces. This allowed the planting space search to be done via desktop review, an economical and effective manner, in comparison to an in-field search.

Data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. All projects conducted through RES undergo a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

City of Marathon Tree Inventory and Urban Forestry Management Plan

RES conducted a tree inventory and provided an Urban Forestry Management Plan to the City of Marathon. RES inventoried 1,056 trees within 13 City properties, as directed by City staff. RES provided an Urban Forestry Management Plan for the City that assisted the City in identifying, quantifying, and analyzing suggested improvements that would optimize ecological benefits and services, classifying and establishing tree planting opportunities, creating maintenance and pruning standards, and developing corridor guidelines in correlation with future land use maps. The management plan also detailed a systematic approach for invasive species removal and encouragement of native species recruitment, discussion on general worker efficiency, and recommendations to reduce storm hazards.

AT A GLANCE

Contact
George Garrett
garrettg@ci.marathon.fl.us
305.289.5001

Fee
$40,000

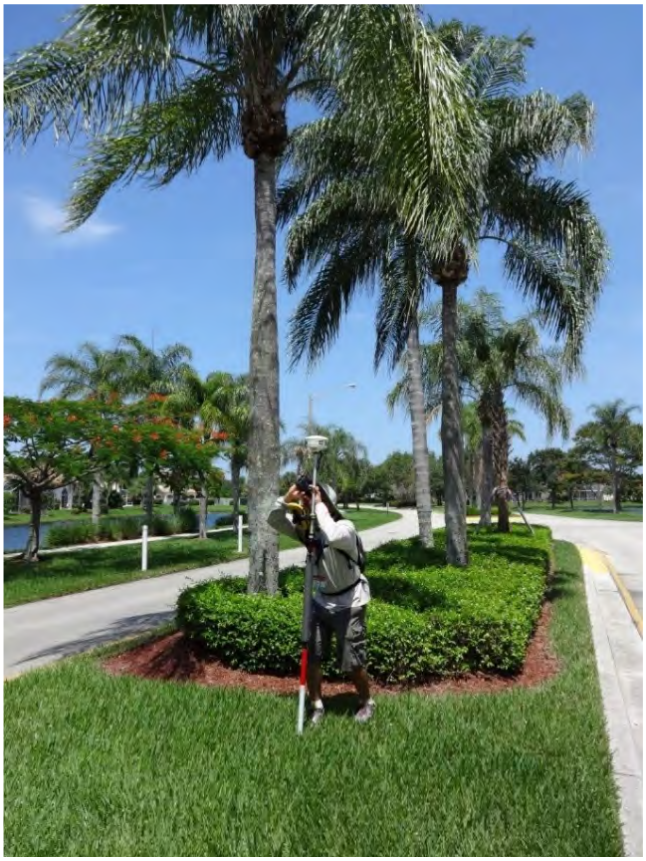
Performance Period
October 2015– January 2016

Prior to starting the tree inventory data collection, Justin Freedman and RES staff coordinated with the City to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree locations and associated data. Further discussion with RES staff was also conducted regarding data collection routes so that data was collected systematically to ensure the final data numbering was in logical order.

For the tree inventory field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected underwent post-processing. For canopy assessment and urban forestry management plan, junior staff members conducted research and consolidated the GIS shapefiles needed to conduct the assessment and management plan. Once research and data gathering were completed, a senior arborist, with assistance of junior staff members, completed the canopy assessment and management plan.

Data for the tree inventory was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The final deliverables underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

Village of Palmetto Bay Tree Inventory



RES staff conducting the tree inventory

RES conducted a tree inventory for the Village of Palmetto Bay to help identify maintenance needs for the City's trees. RES inventoried 25,566 trees within City managed areas including municipal properties and streets.

AT A GLANCE

Contact
Corrice Patterson, Director
cpatterson@palmettobay-fl.gov
305.969.5011

Fee
$55,734

Performance Period
July 2014– October 2014

Prior to data collection, Justin Freedman and RES staff coordinated with Village staff to define the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. Further discussion with RES staff was conducted to coordinate data collection routes to ensure the final data numbering was in logical order.

During field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected underwent post-processing.

Data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The data underwent a final quality control check. Justin Freedman managed this project, and Nadia Locke, PE oversaw quality control.

City of Coconut Creek Tree Inventory

RES conducted a tree inventory within 37 residential communities in the City of Coconut Creek. RES inventoried approximately 10,000 trees within City managed areas including median and swale areas, parks and natural areas and City-owned properties.

Prior to data collection, Justin Freedman and RES staff coordinated with the City and defined the data collection scope. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. Further discussion with RES staff was conducted regarding data collection routes to ensure a systematic pattern resulting in the final data numbering in a logical order.

AT A GLANCE

Contact
Sharon Vollmer
SVollmer@coconutcreek.net
954-956-1517

Fee
$20,000

Performance Period
April 2014– July 2014

During field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected underwent post-processing. Data was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The data underwent a final quality control check. Justin Freedman managed this project and Nadia Locke, PE oversaw quality control.

City of Lake Worth Tree Inventory and Urban Forestry Management Plan

RES conducted a tree inventory and provided an Urban Forestry Management Plan for the City of Lake Worth. RES inventoried 7,897 trees within 50 City-managed areas, as directed by the City. RES provided an Urban Forestry Management Plan that included a summary and analysis of the tree inventory and canopy assessment and recommendations to improve urban forest management, including ways to increase the coverage of the urban forest canopy, better the canopy's structure and health, standardize maintenance of the City's trees, and improve the City's code, which serves as a tool to require the planting, maintenance, and preservation of the City's trees.

AT A GLANCE

Contact
Felipe Lofaso, Assistant Director of Public Works
flofaso@lakeworth.org
561.586.1720

Fee
$227,817

Performance Period
April 2014– December 2014

Prior to tree inventory data collection, Justin Freedman and RES staff coordinated with City staff to define the data collection methods. Once defined, RES staff uploaded the necessary base maps and background files and created a data dictionary to record tree positions and associated data. RES staff refined data collection routes to collect data in a systematic pattern to ensure the final data numbering was in a logical order.

For the tree inventory field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected underwent post-processing. For canopy assessment and urban forestry management plan, junior staff members conducted research and consolidated the GIS shapefiles needed to conduct the assessment and management plan. Once research and data gathering were completed, a senior arborist, with assistance of junior staff members, completed the canopy assessment and management plan.

Data for the tree inventory was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical. The final deliverables underwent a final quality control check. For this project Nadia Locke, PE oversaw quality control.

City of Dania Beach Continuing Arborist Services

RES provided the City of Dania Beach with arborist services to support the ongoing activities of the Department of Community Development. RES' services included landscape plan reviews, field landscape reviews, tree removal license application evaluation, evaluation of potential hazard trees on City property, and developing recommendations for City landscaping needs.

RES staff conducted work in-house at the City of Dania Beach. A RES arborist conducted field and landscape reviews, reviewed tree removal permits and conducted hazardous tree assessments when needed. All reviews and permit application comments underwent a final quality control check. For this project Nadia Locke, PE, oversaw quality control.

AT A GLANCE

Contact
Corinne Lajoie
Deputy Director of Department of Community Development
clajoie@daniabeachfl.gov
954-924-6800 x3704

Fee
$108,197

Performance Period
August 2007- August 2010

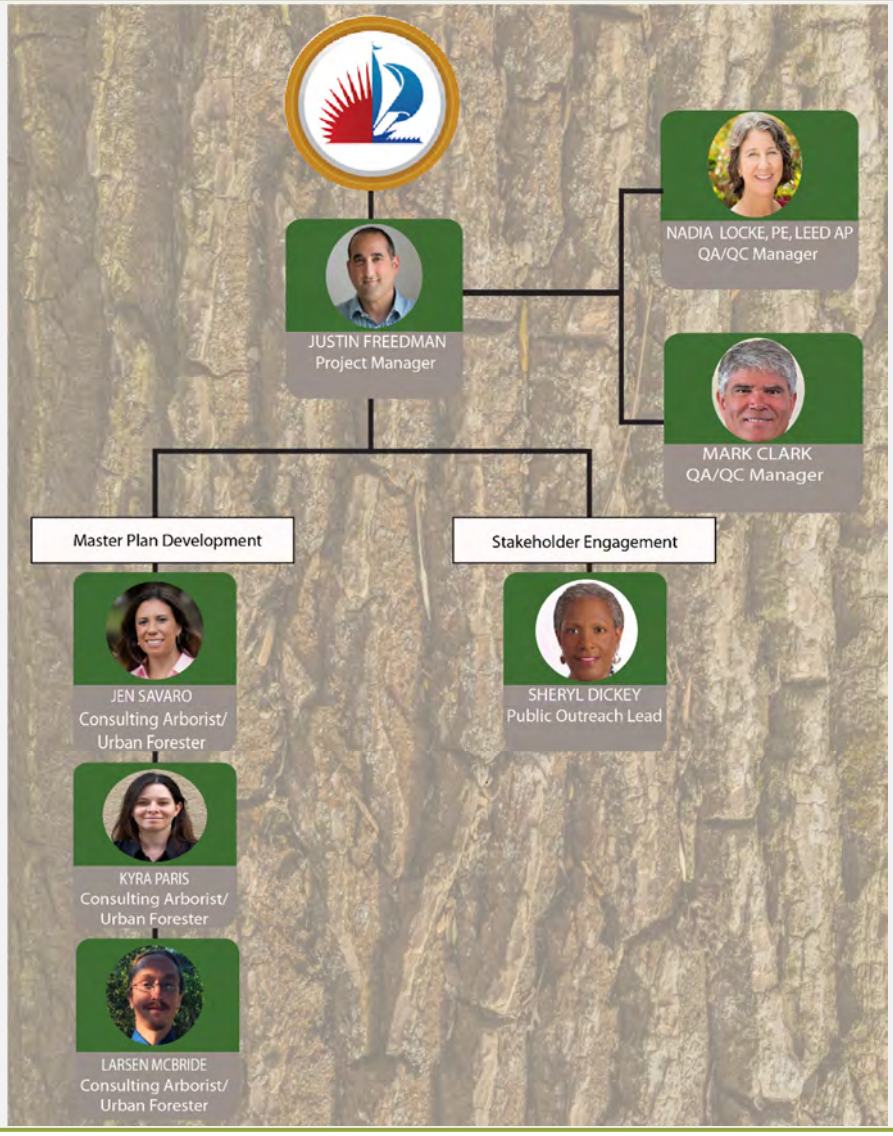
Past Project Deliverables

Delray Beach Urban Forestry Management Plan:
Delray_Beach_Urban_Forestry_Management_Plan_Link.

Delray Beach Canopy Assessment: https://www.delraybeachUrbanForestryPlan_Link.

Village of Wellington Urban Forestry Management Plan:
Wellington_Urban_Forestry_Management_Plan_Link

Project Organization Chart



Project Manager

Mr. Freedman has managed tree inventories, canopy studies and developed urban foresty plans for communitees across Florida.

RES selected Justin Freedman as Project Manager for this contract. Mr. Freedman serves as Advisory Services Manager for RES Florida and has managed RES' South Florida operations since 2013. Mr. Freedman has the authority to act on behalf of RES for this and other projects. He developed the urban forestry practice at RES and has managed or had meaningful involvement in all of RES Florida's arborist and urban forestry projects.

Mr. Freedman's technical area of expertise is arborist and urban forestry consulting. It is also his passion and, in addition to his RES work, he devotes significant time to the overall improvement of urban forestry programs and practices across the state. Mr. Freedman serves on the Board of Directors of the Florida Chapter of the International Society of Arboriculture (FLISA). The FLISA's annual conference, Trees Florida, is the state's premier tree related conference, generally attended by as many as 400 professionals and their families. As Chair of the 2024 Trees Florida Committee, Mr. Freedman selected the Marriot Fort Lauderdale Harbor Beach Resort as the venue.

Mr. Freedman also serves on the Executive Committee of the Florida Urban Forestry Council (FUFC) and has served as President of that organization. In this capacity, Mr. Freedman helped municipalities across the state develop Urban Forestry Master Plans to further develop their urban forestry programs.

In his role on this contract, Mr. Freedman will be responsible for communication with Ms. Tooley and other City staff, timely project delivery, adherence to budget and overall contract management.

Team Member Availability

The proposed RES team members are committed to being available and responsive to the City's needs. Our office location is 10 minutes from the City's office. RES understands that superior customer service and attention to our client's needs are paramount in our competitive marketplace – it is our license to operate. We have more than sufficient capacity to perform assigned tasks under any resulting contract. Quarterly, RES' senior leadership conducts a finance and resource budgeting analysis. During these planning cycles, RES considers work in progress and currently projected workloads paired with a review of pipeline opportunities to develop resource projections for the upcoming period. To maintain proper staffing levels and resource loading, RES plans and appropriately staffs our regional offices with strategic new hires and capacity in anticipation of winning new opportunities such as this opportunity with the City. RES planned for several projects of this size and complexity, has the necessary capacity, and is more than capable of providing the level of quality, responsiveness, and client service that you expect and deserve.

In his role as Advisory Services Manager for Florida, Mr. Freedman can allocate sufficient staff and technological resources to meet our commitments. Mr. Freedman manages a limited number of projects at a time and can dedicate the effort necessary to execute this project.

Sustainable Business Practices

At its core, RES is a nature-based solution provider. Our mission statement is:

RES is the nation's largest ecological restoration company and is restoring a resilient earth for a modern world. We restore our land and waters with ecological integrity and innovation, project by project. We support the rehabilitation and stewardship of nature's resources alongside responsible human progress.

RES tracks environmental uplift from its core services, which provide natural infrastructure benefits to communities while supporting needed built infrastructure. These benefits are often tracked and quantified on RES projects by regulatory agencies, including the U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, and the U.S. Fish and Wildlife Service.

Environmental, Social, and Governance

ESG Metric	Measure	Calendar Year 2022*
Protected land	Acres of protected or conserved lands	5,492
Stream restoration	Miles of streams or channels restored	37
Shoreline and levee restoration	Miles of shoreline and/or levees restored	37
Trees planted	# of trees planted	2,675,668

**Totals are inclusive of 2022 only.*

RES also has a number of projects underway to improve its own environmental footprint, targeting energy usage, waste, and climate change, including experimenting with alternatively fueled vehicles and equipment in construction operations, reducing single-use plastics, and selecting web services providers with green energy footprints.

One client project is a strong example of how RES can address community and environmental justice issues. RES has partnered with Indigenous communities to restore the severely degraded Klamath River, which will be the largest dam removal and river restoration project in US history. The project scope includes planting 17 billion seeds from native plants, revegetating 2,200 acres of formerly submerged ground, and re-establishing 3.4 miles of high-priority tributaries supporting habitat for endangered Chinook salmon.

Our local RES team members have worked with the City's sustainability team members on efforts such as the Broward County Climate Change Taskforce. We attended the City's original Fast Forward 2035 workshops to align our sustainability practices with the City's. Our local team members volunteer in numerous beach cleanups, invasive removals, and lionfish derbies annually.

Business Structure

RES Florida Consulting, LLC is a limited liability company. It is a wholly owned subsidiary of Resource Environmental Solutions, LLC which, together with all its affiliates, is referred to as "RES."

Company Information

Local Office: 312 SE 17th Street, Fort Lauderdale, Florida, 33316, 954.484.8500, www.res.us,

Regional Headquarters: 34 E Pine Street, Orlando, Florida, 32801, 407.481.9006

Contact Person: Justin Freedman, Florida Advisory Services Manager/Project Manager, jfreedman@res.us,

Firm Size

RES now employs 918 dedicated staff in 51 operational hubs across the country, including seven regional offices in Florida. RES delivers customized solutions tailored to our clients' needs. RES' internal resources include certified foresters, certified arborists, landscape architects environmental, health, safety, and security (EHS&S) staff, land acquisition specialists, wildlife biologists, Rosgen IV certified stream designers, professional wetland scientists, biologists, engineers, hydrologists, QA/QC oversight teams, field ecologists, regulatory project managers, analysts, construction managers, superintendents, and field crew members as well as supporting project controls, government affairs, public relations, financial, legal and analytical staff.

RES offices in Florida include Orlando, DeLand, Fort Myers, Fort Lauderdale, Palm Beach Miami, and Key West.

EXPERIENCE COUNTS

The team assembled for this project has more than 110 combined years of professional arboreal experience and local knowledge.

Licenses and Certifications (new lease signed for office in Ft. Lauderdale and our business tax license has been submitted.)

Record BT-APP-23100014:

New Business Tax Application

Record Status: Open

Record Info ▾ Payments ▾

Work Location

Record Details

▾More Details

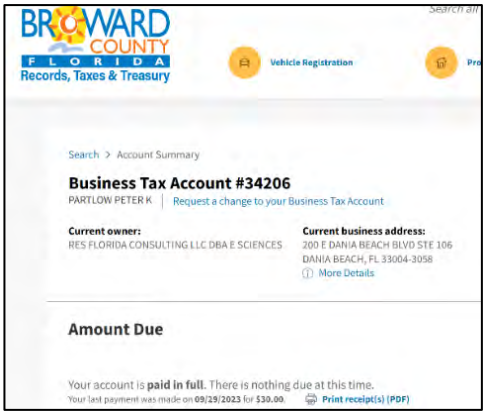
⊟ Application Information

REQUIRED BUSINESS INFO

Please enter your Fort Lauderdale Business Address. NOTE: We can only process applications for the City of Fort Lauderdale. If you're unsure of the municipality please check your address on the Broward County Property Appraiser's website:	312 SE 17th Street Suite 200
Check this box if the above address is the PREFERRED mailing address:	No
Indicate the nature of your business. Please explain, in detail, the services that your business offers:	Ecological Consulting
Please enter the number of employees that are associated with your business:	20
List any existing Building permits that your business has with the City (e.g., Change of Use, Interior Alteration, Outdoor Seating) or enter NA if you have no existing permits:	NA

⊟ Parcel Information

No parcel information



Approach to Scope of Work

Below is a description of our understanding of the City's needs, goals, and objectives and our proposed vision, ideas, methodology and approach.

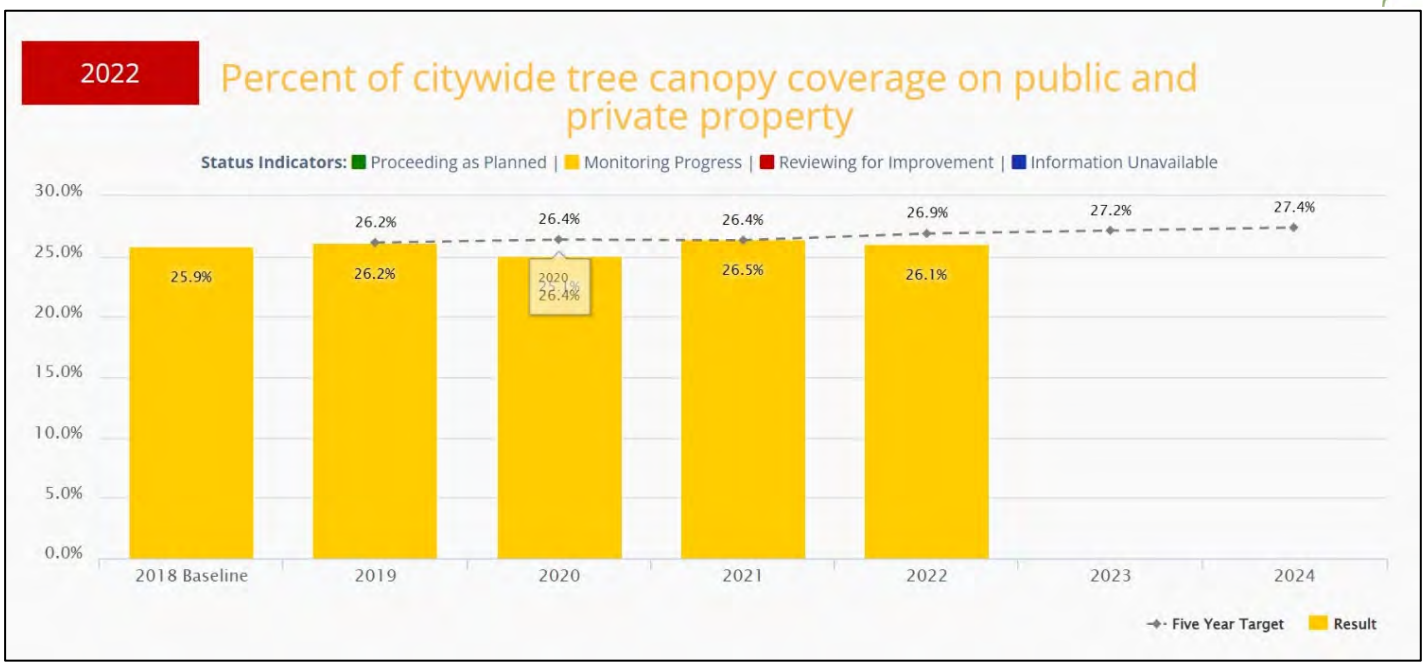
Understanding of the City's Needs, Goals and Objectives

The City recognizes that trees are quintessential components to reducing urban heat islands, improving air quality, sequestering carbon, providing flood mitigation, and enhancing the aesthetics of its streets and neighborhoods. By soliciting professional assistance in developing an UFMP, the City demonstrated their interest in developing a comprehensive document to plan future management efforts, in concert with other City initiatives, that addresses the needs and desires of all relevant stakeholders, including the City's residents, visitors, business community, staff and elected officials.

The RES team will work with City staff to ensure full clarity of the City's goals and objectives during our kickoff meeting. However, many of the City's goals and objectives are outlined in related planning documents referenced in the RFP and in the City's Comprehensive Plan. Like most major cities with a developed urban forestry program, the City strives to manage a healthy, functional, and equitable urban forest canopy that enhances both human health and wellbeing for its residents and visitors. A healthy urban forest canopy improves physical and mental health, promotes walkability, drives commerce, mitigates heat island impacts, and mitigates climate change effects. Trees also create a sense of place and the City's trees and palms are one of the many factors that make Fort Lauderdale a favored destination for people to live, work, and play.

Some of the objectives that will support these goals are already documented in the City's planning documents and Comprehensive Plan. The most recent progress report for the Press Play 2024 Strategic Plan showed that the City's tree canopy cover was 26 percent, just shy of the 2024 canopy goal of 27 percent. The Advance Fort Lauderdale 2040 Comprehensive Plan's Objective 3.1, "Sustainable Landscape and Tree Canopy," sets a **canopy goal of 33 percent by 2040**, a realistic metric that is in alignment with guidance from worldwide recognized industry standards such as the Nature Based Solutions Institute's (NBSI)'s "3-30-300" rule. This standard was authored by Dr. Cecil Konijnendijk and envisions there should be three trees visible from each home, that every neighborhood has 30 percent canopy cover, and everyone lives no more than 300 meters (0.2 miles) from a green space. Coincidentally, RES staff Justin Freedman and Nadia Locke hosted a Smart Growth Partnership (SGP) Forum entitled Urban Canopy: Smart Growth Concept Understanding the benefits of the urban canopy in 2020 that featured Dr. Konijnendijk, who was broadcasting from Barcelona, and Fort Lauderdale Mayor Dean Trantalis. Dr. Konijnendijk appreciated Mayor Trantalis' commitment to the City's urban forest and his understanding of its importance which is a testament to the City's urban forestry program and its ability to communicate the importance of the City's trees to the public. Our goal is to contribute to this successful program by preparing a document that can be used by the City to manage its trees into the future.

A prominent and recurring goal across many City documents is making Fort Lauderdale more **pedestrian friendly**. As noted in the Urban Design Master Plan, trees lining roadways increase drivers' visualization of the road as well as promote a traffic-calming effect. Additionally, the Advance Fort Lauderdale 2040 Comprehensive Plan calls for design standards which promote strong framing of streets by including street trees. Similarly, office parks and recreational parks that support increased tree canopy "contribute to a sense of place and high-quality public realm." Trees also make commuting comfortable and appealing for people without personal vehicles. In 2022 more people commuted on public transportation and fewer in personal vehicles within Fort Lauderdale than ever before (as noted in the 2022 performance measurement data for the Press Play 2024 Strategic Plan).



*From Performance Measures of Fort Lauderdale's Press Play 2024 Strategic Plan.

Fort Lauderdale aims to become a nationally recognized **health care oasis**. As noted in the Fast Forward 2035 Vision Plan, 30 percent of residents reported being unsatisfied with medical care in 2012. However, studies have shown that having just one tree in view from a hospital or nursing home window can substantially improve the likelihood and rate of patient recovery. The proposed UFMP will outline tree planting and maintenance actions that will help the City increase the quality of its healthcare industry while facilitating a healthier community.

The 2040 Comprehensive Plan identified **reducing heat islands**, promoting a more connected environment (shade over sidewalks, bus stops, for example), and enhancing residents' sense of place and livability as goals. Housing goals (Objective 2.1) and resilience goals (3.5) of increased energy efficiency, water conservation, and climate adaptation will all be facilitated by increasing canopy on public and private land. This goal is mirrored in the SFRCC Regional Climate Action Plan 3.0.

Fort Lauderdale will continue to be the **global model of resiliency and flexibility** regarding sea level rise. Fort Lauderdale was one of the first cities to act when data on sea level rise began to emerge. Challenges with sea level rise still prevail, such as the significant storm event on April 12, 2023, resulting in over 25-inches of rain and flash flood conditions. A primary objective identified in the Press Play 2024 Strategic Plan is to "Build a sustainable and resilient community," and to "grow and enhance the urban forest." RES is aware of the impact of these increasing flood events; for example, the April 12, 2023, storm flooded RES' local office and led us to seek a new workspace. Consequently, we recently signed a lease to occupy a new office at 312 SE 17th Street, Fort Lauderdale, Florida.

As the City continues to improve its stormwater and drainage infrastructure, trees are also part of the answer to make Fort Lauderdale more resilient. The Urban Design Manual's recommendation to incorporate trees as part of a green floodwater management matrix using hybrid bio-retention planters will accommodate street trees in floodwater filtration infrastructure. This will protect and improve coastal resources which are important to ecological tourism and community resilience. The proposed UFMP will use LiDAR and GIS data to identify flood-prone areas and the plan will recommend salt- and flood-tolerant species of trees that can be planted in those areas to reduce the risk of flooding.

This UFMP will be an invaluable component to a holistic solution to climate change, not only in mitigating short-term impacts but also how to be resilient when facing long-term impacts. Preserving existing trees and identifying appropriate areas for native and drought-tolerant vegetation will pursue several infrastructure objectives of the 2040 Comprehensive Plan, including sequestering carbon, mitigating stormwater, reducing urban heat islands, bestowing carbon emission offsets, meeting Green Building Initiatives (GBI), and coastline protection.

RES' extensive experience gives us the ability to speak knowledgably about the issue of sea level rise and how natural solutions, such as those contained in the UFMP, can help protect frontline communities and businesses.

The SFRCC Regional Climate Action Plan 3.0 notes that trees contribute to community equity, natural systems, public health, and sustainable communities and transportation goals. Goals of the climate plan which the UFMP will directly address include:

- EQ 7: Prioritize investments that simultaneously address equity and climate.
- NS 15: Protect tree canopy and urban green spaces.
- PH 3: Address heat risk to frontline communities.
- ST 14: Prioritize the safety and comfort of pedestrians, cyclists, and other active transportation users.
- ST 15: Expand, connect, and complete networks of bicycle and pedestrian facilities.
- ST 17: Increase use of transit.

Controlling intensity of development in areas of sensitive natural resources is key to reducing impervious surfaces and promoting a cleaner environment, a priority outlined in the Advance Fort Lauderdale 2040 Comprehensive Plan. The proposed UFMP will provide data which allows the City to promote development that upholds its standard of protecting environmentally sensitive areas as neighborhoods change over time. Protecting vulnerable residents is important as well – Objective 2.5 from the 2040 Comprehensive Plan promises support for environmental justice and society equity for Fort Lauderdale neighborhoods. While changes to neighborhoods can impact residents, data from this UFMP will assist in future Redevelopment Impact Studies as changes to tree canopies can impact a community's sense of place. Trees can also help with the objective of enhancing community health and food access. This new UFMP can suggest planting choices for culturally appropriate and sustainable urban food forests, an increasingly popular means of using trees to narrow the gap for food-disenfranchised communities. It should also be recognized that the Federal government, through the Inflation Reduction Act has dedicated $100 million to support urban forestry, particularly as it relates to social justice.

The Fast Forward 2035 Vision Plan notes that 31 percent of attendees at former City Commissioner DuBose's 2012 Telephone Townhall meeting said that the City would most benefit from continuing to develop a tourism economy. The City's objectives to enhance tourist experiences through the value of trees and tree canopy will be addressed in this UFMP.

Increasing the number of trees in public spaces is noted as an objective in numerous City planning documents. The City's Downtown Master Plan identifies trees as essential to preserving historic and significant landscapes, upholding the landscape heritage, greening downtown, increasing pedestrian comfort, and urban forestry best practices. The Uptown Village Master Plan aspires for the expansion of street tree plantings to enhance parks and public places. As noted in the 2040 Comprehensive Plan, resiliency in urban design entails promoting the reduction in heat islands by shading sidewalks and public transit corridors, including street trees in all new developments, and planting Florida-friendly landscapes for water conservation. The Urban Design Master Plans and the 2040 Comprehensive Plan includes the objective to ensure that all neighbors have access to public parks, and a goal of the 2016 Parks Master Plan is to "add better trees for shade" and make parks multi-use.

Proposed Vision, Ideas, and Methodology

Our vision for this project is to utilize data collection, public input, and our own experience and knowledge to develop a Plan that meets the City's primary goal of increased canopy coverage as well as secondary goals and objectives related to improved pedestrian safety and comfort, improved health outcomes, reduced heat island impacts, resiliency, social justice, enhancement to tourism, better overall access to trees, and other items that might come up in discussions with the public. Some ideas that we will introduce during the project are highlighted below:

- We will incorporate urban forestry best practices such as 3-30-300 into the plan. This practice centers forest management on people and their access to thriving greenspaces and can result in more efficient results for urban forestry practices and efforts.
- We will incorporate the right tree-right place principles throughout the plan to improve the overall health, structure, and effectiveness of the canopy in meeting health, climate, and social justice goals. The resulting tree palette and street tree plan will meet the needs of the community while ensuring longevity by reducing maintenance needs and replacement costs.
- We will use technology such as LiDAR to identify areas of the City where a new approach to tree selection is warranted due to flooding and other changing environmental conditions.
- We will use GIS tools to address social justice and "tree equity" concerns. Tree equity seeks to identify and address locations where trees have been historically absent or poorly maintained, resulting in increased heat effects, reduced walkability, and potential impacts to health. The federal Inflation Reduction Act has budgeted $100 million to address tree equity and by identifying areas of concern in the UFMP the City will be well positioned to seek funding for tree planting.
- RES will identify opportunities for living shorelines within the City. RES is a leader in nature-based solutions. Fort Lauderdale, with its miles of shoreline, is an ideal home for living shorelines, which add tree canopy in the form of native mangroves while also providing enhanced water quality and resiliency, and habitat benefits. RES will work with City staff to address maintenance and navigation concerns with this solution.

Our methodology is outlined below in our Proposed Project Approach.

Proposed Project Approach

Our approach to the RFP's scope of services is provided below.

Task 1: Project Management

Justin Freedman provides technical direction and oversight for all of RES' urban forestry projects, including urban forestry master plans. Mr. Freedman is professionally qualified to do so, based on 17 years of relevant urban forestry project experience. He is an ISA Certified arborist with the Tree Risk Assessment Qualification. Mr. Freedman is based in and manages our Fort Lauderdale office and will be the project manager and primary point of contact for this project. He will be available via office telephone, mobile phone, text, or email as needed throughout the project's duration. Justin's team of scientists, administrators, and urban forestry professionals will bring over 110 combined years of relevant experience and technical expertise. Personnel working on this project hold relevant credentials and certifications which include ISA (International Society of Arboriculture) Certified Arborist, ISA Tree Risk Assessment Qualification, and LEED Certified Professional. RES' proposed QA/QC Managers, Nadia Locke and Mark Clark, are also based in RES' Fort Lauderdale office. As local and Broward County residents, Ms. Locke and Mr. Clark can meet with City staff on short notice or on a weekly schedule as requested by the City. Other local technical support staff can meet within an hour's notice. While there are sufficient staff in the Fort Lauderdale office who can mobilize within the hour, there are some key staff not located within one hour that we anticipate being valuable to this contract based on their unique experience or capabilities. These staff are accessible via telephone, Teams, or Zoom.

RES has an effective project management program dedicated to quality and client satisfaction. Each client is different, and RES adjusts the processes to meet the client's needs to ensure that the contract is executed seamlessly.

The RES Team will create a project management portal. This portal will contain project milestones, action items, activity status, project-related documents, and team contact information. All relevant data that is collected will be viewable on that

portal. RES will prepare our deliverables and implement our Quality Assurance/Quality Control (QA/QC) procedures, including work/deliverables provided by our subcontractors. Tables, figures, and scientific names will be checked, and the entire deliverable reviewed by a senior level arborist, scientist, or engineer. A final review will be conducted by one of our technical quality assurance professionals before submittal to the City and, if appropriate, uploading it onto the project management portal.

For tasks assigned to subconsultants, RES will provide written authorization for them to commence work once we receive written authorization from the City. We will work with the subconsultant to ensure that they conduct the work in accordance with the authorization and provide the required and approved QA/QC protocols.

Through his leadership roles on the FUFC Executive Committee and Florida Chapter of the ISA, Mr. Freedman stays current on best practices in urban forestry. As one example, Mr. Freedman developed the S.O.A.P. resources guide on the FUFC website to provide municipalities tools to optimize their urban forestry programs. S.O.A.P. stands for Staff, Ordinance, Advocacy and Plan. Development of an UFMP is critical to efficient management of the urban forest. Mr. Freedman has counselled urban foresters across the state on the use of these resources and guidance on plan development.

Mr. Freedman is a seasoned project manager with a track record of projects delivered on time and on budget. He commits to working closely with his project team and develop a schedule suitable to the City and monitor our progress (see the proposed schedule included with this submittal). RES is a firm that believes in doing what it takes to get the job done quickly, efficiently, with minimal rework. We have staff redundancy to meet deadlines.

RES believes that effective communication with our clients is paramount to success. The project will officially commence at the kick-off meeting to be held within two weeks after receipt of Notice to Proceed (NTP). At a minimum throughout the project, Justin will meet virtually on a bi-weekly basis with Ms. Tooley to review the project status, solicit input, discuss the project's scope, content, and organization. For any other coordination, he will adopt Ms. Tooley's preferred method of communication, whether it is in-person meetings (our new office location is 10 minutes away), Zoom, Teams, telephone, text, email, or some combination of the above. Meeting agendas and summaries will be prepared prior to and following each meeting. We will be proactive and anticipate the City's needs ahead of time so tasks in our 18-month timeline are completed seamlessly. RES is familiar with the City's invoicing requirements from more than 15 years of working experience.

Before beginning the data review and analysis, we will prepare a spreadsheet listing data and information needs for this UFMP. This data needs table will be discussed with the City's Project Manager and other stakeholders regarding applicability and availability.

Task 2 – Plan Research/Data Analysis

Using the data needs table as a guide, the RES Team will submit Requests for Information (RFI's) to request information from City staff/departments. In preparation of this proposal, we have done initial reviews of the following City documents: Press Play 2024 Strategic Plan, Fast Forward 2035 Vision Plan, Advance Fort Lauderdale 2040 Comprehensive Plan, Net Zero greenhouse gas goals, 2019 greenhouse gas survey, Neighbor surveys, Public Works Master Plans related to green infrastructure, Transportation Plans as they apply to canopy goals, Urban Design Master Plans, the Design and Construction Manual, the Parks Master Plan, and the SFRCC Regional Climate Action Plan 3.0.

Following the kick-off meeting towards the end of our data needs identification step, our subcontractor, DCS, will prepare an online survey available to the public. The online survey will ask a series of yes/no, ranking, and open-ended questions pertaining to the City's current urban forestry operations, tree planting and canopy cover goals, neighbors' general attitudes towards trees, and overall satisfaction with the current and future state of the City's urban forest. RES and DCS aim to maximize participation in this survey, and at least 50 survey results will be featured in the final Plan and the online survey results statistically valid.

RES will use aerial photographs, LiDAR, and other pertinent GIS data to analyze the City's canopy and its distribution related to the population and based on soils, hydrology, topography, heat, and demographic information. RES understands that the City conducts annual iTree Canopy assessments and will collect and review trends from those assessments. It is our understanding that these iTree assessments are done for various segments of the City. RES will also estimate climate impacts (i.e., carbon sequestration and storage) based on existing and proposed canopy coverage.

Once all data has been collected, RES will review and synthesize the data and identify trends, challenges, and opportunities. RES will submit a memorandum describing key takeaways and pertinent conclusions from our analysis and public outreach.

This memorandum will be provided to Ms. Tooley and other City staff and/or uploaded to the project management portal, as directed.

Task 3 – Meetings and Stakeholder Input

Our subcontractor, Dickey Consulting Services (DCS), will facilitate six meetings: two, at-large, public meetings (one of which is to present the draft UFMP), and four for each of the four City District Commissioners. At these meetings, we will explain the purpose of the proposed UFMP, answer questions, and solicit feedback. DCS is in Fort Lauderdale and has decades of experience in project management, public/private relations, business development, economic development, and strategic planning. Their community outreach methodologies are designed for consensus building. Meeting agendas will be provided a minimum of two days prior to the meetings and meeting summaries provided a minimum of two days after the meetings. DCS and RES will work collaboratively on the material content to be used in the meeting materials/exhibits for the at-large public meeting and the four city commissioner meetings. At each meeting, DCS will provide sign-in sheets which will be used to collect names, addresses, e-mails, and position relevant to the Plan (i.e., City employee, local resident, etc.) via a sign-in sheet of participants. To the greatest extent possible, we will coordinate with appropriate City staff to facilitate the use of City-owned facilities located throughout the City's boundaries to host these meetings. Meeting materials, agendas, exhibits will be uploaded to the project management portal. To execute a more environmentally friendly project, we assume the City will market public workshops and information about the project through announcements in the City's utility bills. In addition, the City's Public Information Office will notify the public about this project and upcoming meetings though the Next-Door platform, the City's website, or other social media platforms at their disposal. This is an environmentally friendly approach because it uses current technology and reduces paper use.

Concurrently with the above in-person meetings, the online survey responses will also be used to gauge public opinion regarding the City Urban Forest. The online survey will be tested during Task 1 and run concurrent with Task 2. A memorandum will be prepared summarizing the online survey results. This memorandum and the online survey results will also be uploaded to the project management portal.

Task 4 – Recommendation Development

RES will analyze relevant data to create a comprehensive three- to five-year timeline for enhancing, maintaining, and managing Fort Lauderdale's urban forest and tree canopy which will include achievable milestones and prioritized action items.

In addition, RES will recommend subsequent future milestones for achieving long-term goals in five-year increments following the achievement of items from the initial five-year period. The milestones on our timeline will be based on City staff recommendations, in-person and online survey responses, RES' years of experience in urban forest management, industry best practices, and existing City documents will be submitted to the City for review then revised based on staff feedback. Our project management team will ensure that all City entities interested in offering feedback will have the chance to do so, with the understanding that their concerns and suggestions will be heard and addressed by RES in a timely and satisfactory manner.

Our Adaptive Management strategy options will allow us to overcome barriers to achieve short- and long-term goals, each of which will include a justified cost estimate for implementation. All short- and long-term action items will be structured using SMART (Specific, Measurable, Achievable, Relevant, and Time-bound) criteria. The RES project management team will apply our years of experience to minimize the budgetary impacts and disruption to the project timeline of any obstacles. City staff and RES project management will have the opportunity to discuss achievements and challenges at weekly or bi-weekly meetings, as well as any other time throughout the phases of the project at the discretion of City staff.

Recommendations to address key issues and a draft Table of Contents for the UFMP will be prepared. Both these documents will be submitted to City staff for review and comment and then updated. The Table of Contents will be prepared pursuant to the criteria included in Section 3.5.7 of the RFP.

All products associated with this project will reflect urban forestry and arboricultural best practices as outlined by the International Society of Arboriculture (ISA), American National Standards Institute (ANSI), and appropriate to the City of Fort Lauderdale.

After data collection and analysis, RES will meet with the City Project Manager and City GIS staff to discuss design and requirements for a geospatial database to be delivered. Agendas and meeting summaries will be prepared for all meetings.

Task 5 –Development of Draft Urban Forestry Master Plan

Our strategic framework for managing, maintaining, and enhancing existing trees will also inform a data-driven and socially relevant plan for future tree planting initiatives across the City. This will be outlined in this UFMP in a way that is both easy for the public and City officials to understand and for City urban forestry personnel to implement. As such, we will include graphics, images, data tables, and auxiliary exhibits that clearly illustrate findings from our data analysis and add the necessary depth to essential components of the Plan.

RES' robust data collection and analysis will provide invaluable insight into the current and future state of Fort Lauderdale's urban forest. Our Plan will be based on feedback and recommendations received in previous tasks, including public meetings, city official meetings, and meetings with City staff.

RES will prepare the draft UFMP per the criteria listed in Section 3.5.7 of the RFP and other pertinent information received during Tasks 1-4. RES will submit a draft of the plan electronically in Microsoft Word (.docx) and PDF format for City staff review prior to the publication of the final Plan. The complete Draft Plan will present our findings and recommendations in a single document with a cohesive narrative logically outlined and easy to understand. We will specifically deliver GIS data, such as shape files and data tables, in an Esri-compatible format to City GIS staff for their review if applicable.

City staff can then make recommendations on items they think should be included, edited, or omitted, and ensure that recommendations made previously, such as during periodic meetings with RES, have been incorporated. RES will work with the City Project Manager to receive and review staff comments, feedback, and recommendations for inclusion within the final draft 30 business days after submission of that draft. During this time RES will meet with City staff to finalize the draft for public presentation.

Either concurrently with the City's review or after comments are incorporated, RES will post the Draft UFMP for public review with a defined public comment period. RES/DCS will also perform one city-wide public presentation of the Draft after meeting with City staff to ensure that all relevant and desirable elements of the Plan are present and that the Draft is ready for public presentation.

Task 6 –Final Urban Forestry Master Plan

RES will produce the final draft based on feedback and recommendations provided by the City Urban Forester and City staff, on a flash drive, in Microsoft Word format to the City. Ms. Tooley will consolidate comments and provide feedback and recommendations to RES for inclusion in the final plan.

After approval of the final draft RES will submit an electronic copy of a Final Plan to the City along with 50 printed and bound hardcopies. Any outstanding GIS data not previously submitted will be submitted to the City in a system compatible with the City's Esri system. RES will then present the Final UFMP to the City's Sustainability Board and City Parks, Recreation, and Beaches Board.

Schedule

Project Tasks	Months																															
	NTP	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	18
Fort Lauderdale Urban Forestry Master Plan																																	
Task 1: Project Management																																	
Kick-off Meeting																																	
Develop Project Portal																																	
Identify Data Needs																																	
Task 2: Plan Research/Data Analysis																																	
Task 3: Meetings/Stakeholder Input																																	
Task 4: Recommendation Development																																	
Task 5: Development of Draft Urban Forest Master Plan																																	
Task 6: Final Urban Forest Master Plan																																	

Legend

- Continue Task Throughout Schedule
- Biweekly Virtual Meetings with City PM
- Develop Project Portal
- Identify Data Needs
- Plan Research/Data Analysis
- Meeting and Stakeholder Input
- Recommendation Development
- Development of Draft Urban Forestry Master Plan
- Final Urban Forestry Master Plan

Current Workload

The RES staff and subconsultants proposed on this project have the ability to deliver this project on schedule as described in the Team Member Availability Section of this proposal.

Available Facilities, Technological Capabilities, and other Available Resources

RES' Fort Lauderdale office will be our primary facility responsible for developing the UFMP. This office is a short 10-minute drive from the City's offices. RES features a geospatial team that will support the project with GIS capabilities.

References

Project 1	
Client Name, address, contact person telephone and E-mail addresses City of Delray Beach, 434 S. Swinton Ave, Delray Beach, FL, 33444 Kent Edwards, EdwardsJ@MyDelrayBeach.com, 561.243.7349	
Description of work In three separate projects, RES conducted an inventory of select trees, conducted a canopy assessment, and developed a Five-Year Urban Forest Management Plan for the City of Delray Beach. RES reviewed and analyzed inventory data, canopy data, maintenance procedures and City and County lists of favorable trees, size/age classes, condition, and infrastructure conflicts to identify risks and opportunities for public right-of-way trees. Using the maintenance needs and recommendations from the City about existing maintenance programs and budgets, the management plan outlined removal and replacements recommendations, pruning and other maintenance recommendations, as needed. The management plan included the purpose, inventory methodology, a description of the database, the data analysis, results and recommendations, tabulated results, and an appendix of related, supporting information.	
Year the project was completed 2022	**Total cost of the project, estimated and actual** $96,810 (actual and estimated)

Project 2	
Client Name, address, contact person telephone and E-mail addresses City of Doral, 8401 NW 53rd Terrace Doral, Florida 33166 Dulce Pantaleon, Dulce.Panataleon@cityofdoral.com, 305.593.6740 x 6010	
Description of work RES provided the City of Doral with numerous urban forestry services including grant writing support, tree inventories, a street tree planting plan and preparation of educational materials and presentations on tree care. For grant writing support, RES assisted the City of Doral in writing grants that allowed the City to receive funds to support their efforts to conduct tree inventories and to develop tree management programs and educational materials for residents. RES inventoried 12,670 trees in two phases within City-owned right-of-way including trees adjacent to city-owned roadways and medians, trees within city parks, and trees in municipal properties. RES provided a street planting plan for the City that included potential planting space locations, a tree selection list to guide tree and palm planting, planting specifications for trees, identifying planting space prioritization based on location, use and occupancy, and preparation of a planting budget to determine the approximate cost for installation and establishment. RES also provided educational materials and services to the City of Doral including brochures, poster display and tree care seminars to the public. For the tree inventory field data collection, data was collected using a submeter GPS with a laser rangefinder. Data collected underwent post-processing. In search of planting spaces, RES used the tree inventory data and the most up-to-date aerials to find open and available tree planting spaces. This allowed the search for planting spaces to be conducted via desktop review, an economical and effective manner in comparison to an in-field search. In producing the grants and arborist educational materials, junior staff members did the research. Once research was completed, a senior arborist, with assistance from junior staff members, formed the grants and educational materials. Data for the tree inventory and planting spaces was reviewed by RES geospatial staff to ensure location accuracy and corrections were made as needed. Data contents were reviewed by a senior RES arborist to ensure data collected was consistent and logical.	
Year the project was completed 2020	**Total cost of the project, estimated and actual** $72,201 (actual and estimated)

Project 3	
Client Name, address, contact person telephone and E-mail addresses Village of Wellington, 14001 Pierson Road | Wellington FL 33414 William F Gurney III, wgurney@wellingtonfl.gov, 561.791.4126	
Description of work RES conducted a village-wide tree inventory and developed an Urban Forestry Management Plan (UFMP) for the Village of Wellington over a series of work orders. After conducting the inventory, RES met with Village staff to discuss maintenance practices, schedules/cycles, budgets, staff competencies and training programs. RES gathered relevant Village guidance and policy documents that the Village wanted to be considered in the UFMP. These documents, along with a review of relevant Village and County ordinances, assisted in developing an understanding of the current practices and future goals for the Village's tree canopy. The UFMP included the document's purpose, vision for the urban forest, inventory methods, data analysis, tree benefits analysis (using iTree), maintenance plan (including hurricane procedures), implementation plan, and a monitoring plan. RES junior staff members conducted research and gathered data to execute the management plan. Once all the research and data were gathered, the analysis with the assistance of junior staff was conducted by a senior staff member. The report and data collected underwent a final quality control check.	
Year the project was completed 2022	**Total cost of the project, estimated and actual** $27,300 (actual and estimated)

Minority/Women (M/WBE) Participation

For this project RES has selecected Dickey Consulting Services (DCS) to provide community outreach support. Their information is provided below.

Dickey Consulting Services (DCS) is an economic development, government relations, project management and communications consulting firm. The organization and its associates provide services to public and private enterprises, coordinating, implementing, and promoting projects related to economic and community development, government relations, business development, housing, public relations, public involvement, and other marketing initiatives.

DCS provides guidance on development of effective partnerships and achieving collective objectives, working closely with administrators, public officials, elected official, and various community/civic groups to develop and initiate public involvement and public relations programs. DCS can work on multiple projects simultaneously and ensure successful completion.

DCS has extensive experience working with the City of Fort Lauderdale. Projects include:

- City of Fort Lauderdale Stormwater Master Plan Modeling & Design Implementation
- City of Fort Lauderdale Sewer Design & Implementation
- City of Fort Lauderdale Water & Wastewater Capital Improvements Program (*WaterWorks 2011)*
- City of Fort Lauderdale Sistrunk Corridor Streetscape
- City of Fort Lauderdale Executive Airport Planning Services

DCS also provides public outreach and public relations services for Broward County Water & Wastewater Services (BCWWS) Utility Analysis Zone Projects and BCWWS Neighborhood Improvement Projects.

DCS has a roster of available facilities in Fort Lauderdale and Broward County for public meetings, workshops, hearings, etc. DCS can provide state-of-the-art audio/visual equipment, meeting/workshop facilitation, meeting minutes transcription, and document translation services for those public events.

Sheryl Dickey, DCS founder, owner, and President/CEO, is a community and economic development professional with more than 30 years of experience and a track record of success in these areas.

Subcontractors

RES does not anticipate using any other subcontractor other than DCS descibed above.

Required Forms

CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the City's on-line strategic sourcing platform prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) RES Florida Consulting, LLC dba E Sciences EIN (Optional): 59-3667002

Address: 6575 West Loop South, Suite 300

City: Bellaire State: TX Zip: 77401

Telephone No.: 713.520.5400 FAX No.: N/A Email: ppartlow@res.us

Delivery: Calendar days after receipt of Purchase Order **(section 1.02 of General Conditions)**: _____

Total Bid Discount **(section 1.05 of General Conditions)**: _____

Check box if your firm qualifies for DBE **(section 1.09 of General Conditions)**: ❑

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	10/6/2023						
2	10/12/2023						
3	10/13/2023						

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars ($500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Peter Partlow, PE
Name (printed)

Signature

10.20.2023
Date

General Manager, Florida
Title

revised 09-2022
CAM #24-0090
Exhibit 6
Page 31 of 51

Cost Proposal Page

SECTION VI - COST PROPOSAL PAGE

Proposer Name: RES Florida Consulting, LLC dba E Sciences

Proposer agrees to supply the products and services at the prices bid/proposed below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor shall quote firm, fixed, costs for all services/products identified in this request for proposal. These firm fixed costs for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted.

Notes:
Provide below a breakdown of all costs by task. Attach a breakdown of costs by task and deliverable, including but not limited to labor, equipment, materials, staff time and hours per task broken out by job titles. Labor breakdown shall include titles, hourly rates, and hours assigned per task.

Task 1 – Project Management	$ 32,599.00
Task 2 – Plan Research/Data Analysis	$ 20,072.00
Task 3 – Meetings and Stakeholder Input	$ 84,892.00
Task 4 – Recommendation Development	$ 11,526.00
Task 5 – Draft Urban Forestry Master Plan	$ 19,866.00
Task 6 – Final Urban Forestry Master Plan	$ 15,662.00
Additional: Any other items not included in Tasks 1-6. (Provide a line-item breakdown on separate sheet)	$ 0.00
TOTAL URBAN FORESTRY MASTER PLAN	$ 184,617.00

Submitted by:

Peter Partlow, PE	
Name (printed)	Signature
10.20.2023	General Manager, Florida
Date	Title

NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

> 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).
>
> 3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME	RELATIONSHIPS
None.	

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Authorized Signature	General Manager, Florida
Peter Partlow, PE	Title
Name (Printed)	10.10.2023
	Date

Rev 09-2022

CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding $100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

(i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.

(ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

Authorized Signature

Peter Partlow, PE
Print Name and Title

10.10.2023
Date

Forms Non-ISO 09/2022

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) _____ Business Name is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(2) RES Florida Consulting, LLC dba E Sciences Business Name is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt **or** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(3) _____ Business Name is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

(4) _____ Business Name requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(5) _____ Business Name requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(6) _____ Business Name is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.

BIDDER'S COMPANY: RES Florida Consulting, LLC dba E Sciences

AUTHORIZED COMPANY PERSON: Peter Partlow, PE _____ 10.10.2023

PRINT NAME SIGNATURE DATE

Forms Non-ISQ Revision 09-2022

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

(1) _____ is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(2) _____ is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(3) _____ is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(4) _____ is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Business Name

(5) RES Florida Consulting, LLC dba E Sciences is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

Business Name

BIDDER'S COMPANY: RES Florida Consulting, LLC dba E Sciences

AUTHORIZED COMPANY PERSON: Peter Partlow, PE _____ 10.10.2023

PRINT NAME SIGNATURE DATE

Forms Non-ISO Revision 09-2022

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept the credit card or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below, you agree with these terms.

Please indicate which credit card payment you prefer:

X MasterCard (No preference.)

X Visa

RES Florida Consulting, LLC dba E Sciences
Company Name

Peter Partlow, PE
Name (Printed)

Signature

General Manager, Florida
Title

10.10.2023
Date

Rev. 09/2022_lp

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: RFP Event 146

Project Description: Urban Forestry Master Plan for the City of Fort Lauderdale

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: RES Florida Consulting, LLC dba E Sciences

Authorized Company Person's Signature: _____

Authorized Company Person's Title: General Manager, Florida

Date: 10.10.2023

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 10/10/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
Aon Risk Insurance Services West, Inc. Denver CO Office 1900 16th Street, Suite 1000 Denver CO 80202 USA	PHONE (A/C. No. Ext): (303) 758-7688	FAX (A/C. No.): (303) 758-9458
	E-MAIL ADDRESS:	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
RES Florida Consulting, LLC dba E Sciences 312 SE 17th Street, Suite 200 Fort Lauderdale FL 33316 USA	INSURER A: Zurich American Ins Co	16535
	INSURER B: Scottsdale Ins Company	41297
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 570102170798 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER:			VRS0006957	10/01/2023	10/01/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $350,000 $10,000 $1,000,000 $2,000,000 $2,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY			BAP-8633906-03	10/08/2023	10/08/2024	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$2,000,000
B	UMBRELLA LIAB X OCCUR X EXCESS LIAB CLAIMS-MADE DED RETENTION			VES0004308 Occurrence Basis	10/01/2023	10/01/2024	EACH OCCURRENCE AGGREGATE Automobile Excess Limit	$10,000,000 $10,000,000 $9,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WC863390703	10/08/2023	10/08/2024	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
B	Contractors Pollution Liability			VRS0006957 Prof/Poll - Claims Made	10/01/2023	10/01/2024	Aggregate Limit Per Claim Limit SIR/Deductible	$2,000,000 $1,000,000 $25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance

CERTIFICATE HOLDER

RES Florida Consulting, LLC
dba E Sciences
312 SE 17th Street, Suite 200
Fort Lauderdale FL 33316 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Insurance Services West, Inc.

Holder Identifier :

Certificate No : 570102170798

ACORD 25 (2016/03) The ACORD name and logo are registered marks of ACORD

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

► Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

RES Florida Consulting, LLC

2 Business name/disregarded entity name, if different from above

d/b/a E Sciences

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☒ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► P

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ►

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

34 E. Pine Street

Requester's name and address (optional)

6 City, state, and ZIP code

Orlando, FL 32801

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN,* later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

5	9	–	3	6	6	7	0	0	2

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person** ► [signature] **Date** ► January 18, 2023

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9.*

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

Detail by Entity Name

Florida Limited Liability Company
RES FLORIDA CONSULTING, LLC

Filing Information

Document Number	L22000019779
FEI/EIN Number	59-3667002
Date Filed	01/19/2022
Effective Date	08/29/2000
State	FL
Status	ACTIVE
Last Event	LC AMENDMENT
Event Date Filed	01/25/2023
Event Effective Date	NONE

Principal Address

6575 WEST LOOP SOUTH - STE. 300
BELLAIRE, TX 77401

Changed: 02/14/2022

Mailing Address

6575 WEST LOOP SOUTH - STE. 300
BELLAIRE, TX 77401

Changed: 02/14/2022

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Name Changed: 02/14/2022

Address Changed: 02/14/2022

Authorized Person(s) Detail

Name & Address

Title MGR

RESOURCE ENVIRONMENTAL SOLUTIONS, LLC
6575 WEST LOOP SOUTH - STE. 300
BELLAIRE, TX 77401

Title MGR

PARTLOW, PETER
6575 WEST LOOP SOUTH - STE. 300
BELLAIRE, TX 77401

Annual Reports

Report Year	Filed Date
2023	01/30/2023

City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

ADDENDUM NO. 2

RFP NO.: 146
TITLE: URBAN FORESTRY MASTER PLAN
FOR THE CITY OF FORT LAUDERDALE

ISSUED: 10/12/23

The Specifications and Requirements has been revised. Words in ~~strikethrough~~ are deletions from the existing text and words in **bold underline** are additions to the existing text (~~strikethrough~~ removed; **underlined bolded** is added).

This addendum is being issued to make the following change(s):

1. **Section 3.5.3.A.5**
   5. Online survey to solicit public input and gauge attitudes regarding the City Urban Forest shall be launched and tested during Task ~~1~~**2** and run concurrently with Task ~~2~~**3**.

2. **Sections 3.5.4.A.4 and 3.5.4.A.7.**
   A. **Description:**
      1. Based on the data analysis, the Consultant will develop a set of recommendations on tree canopy enhancement, maintenance, and management which can be realistically completed in a 3 to 5-year timeline.
      2. The recommendations will also include future milestones in 5-year increments that support attainment of longer-term goals.
      3. Recommendations must be structured using SMART Goals criteria (Specific, Measurable, Achievable, Relevant and Time-Bound) and must provide Adaptive Management strategy options for implementation; and will include, wherever possible, justified cost estimates for implementation.
      4. The Consultant will also develop a draft Table of Contents for the Urban Forestry Master Plan based on the **suggested** outline in Section 3.5.7.
      5. It is expected that the Consultant will review and refine the suggested outline to reflect best practices in Urban Forestry appropriate for the City of Fort Lauderdale.
      6. The consultant will submit drafts of both documents to the City for review and then revise them based on feedback received from staff.
      7. After data analysis has been completed and outputs generated, the Consultant will conduct a **virtual** meeting with the City Project Manager and City GIS staff to discuss design and requirements of geospatial database to be delivered.

3. **Section 3.5.4.B.2. and 3.5.4.B.3.**
   B. **Deliverables** The Consultant will submit the following written documents to the City for Review and Approval:
      1. Recommendations addressing key issues identified to date;

City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

2. Draft **Table of Contents** outline for the Urban Forestry **Master** Plan;
3. Upon review, discuss and refine recommendations ~~and outline~~ **for Table of Contents with** City Staff;
4. Agendas and minutes for all meetings.

4. **Section 3.5.5.A.4**
   5. The Consultant will post the draft plan for public comment and conduct one **virtual** citywide presentation of the draft plan.

5. **Section 3.5.5.B.2**
   2. The Post for Public Review with a defined comment period and perform (1) **virtual** City-Wide Public Presentation on the draft.

6. **Section 3.5.6.B.2.b.**
   b. 50 printed and bound hard copies. **Spiral, wire, or comb binding is acceptable. Minimum cardstock covers. Full-color, 2-sided printing.**

7. **Section 3.5.7.A.3.b.2.**
   2) **Summarize potential climate impacts to the urban forest based on data from various existing studies and reports available from the City and other public sources. This may include** ~~Provide~~ an assessment of soils, hydrology, topography, heat island/ temperature impacts, sea level rise impacts and general climatic conditions and their relation to trees and urban forestry.

8. **Section 4.2.4**
   4.2.4 Approach to Scope of Work
   Provide in concise narrative form, your understanding of the City's needs, goals, and objectives as they relate to the project and your overall approach to accomplishing the project. Give an overview of your proposed vision, ideas, and methodology. Describe your proposed approach to the project.

   ~~As a part of the response, a design plan and diagram(s) shall be presented to the City for approval.~~

All other terms, conditions, and specifications remain unchanged.

Laurie Platkin
Senior Procurement Specialist

Company Name: RES Florida Consulting, LLC dba E Sciences
(please print)

Bidder's Signature: Peter K Partlow

Date: 10/12/2023

1

Inventories, Management and Master Plans

Tree Inventories

How to account for what you have

- **Relevant RES experience:** Coconut Creek, Miami Beach, Miami, Doral, Wellington, Delray Beach, Lake Worth and more

Urban Forestry Management Plans

How to best manage what you have now

- **Relevant RES Experience:** Lake Worth, Marathon, Delray Beach

Urban Forestry Master Plans

What you want to have and how to get there

- **Relevant RES Experience:** Miami Streetscapes, Delray Beach, Cambridge MA

2

Stakeholder engagement and public outreach

- **Internal Stakeholders:** We will work with the City to set up an internal project working group consisting of project-related disciplines to continuously provide master plan progress updates and to obtain feedback and input throughout the project.
- **External Stakeholders:** We will conduct an initial kickoff meeting to inform the external stakeholders who work with the City on these initiatives to get their feedback and input upfront and to meet quarterly to provide information and to get input during each project phase.
- **Public Outreach:** We will coordinate an initial citywide kickoff meeting to introduce the project to the community at a central city location.

3

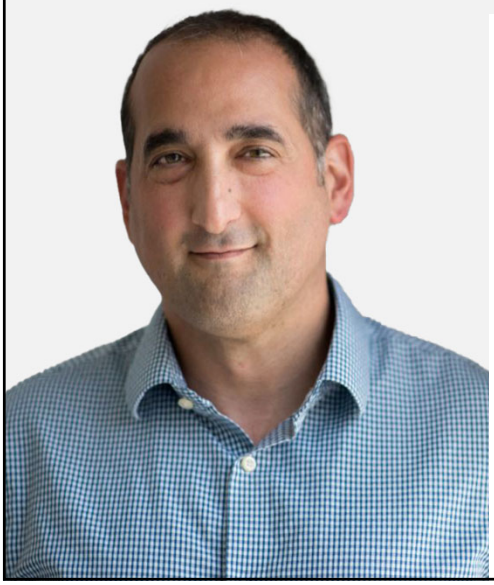
Engaging the local community

- Conduct public outreach meetings in each commission district at the designated plan phases where information will be disseminated, and feedback received from the community.
- Channels used to enhance community participation will include e-mails to HOAs, civic organizations, GFL Chamber, Alliance, DDA, Council of Civic Association (where applicable, presentations will be made at these organization's meetings); notices placed in water bills (if the City will allow), and at libraries, and parks.
- Special efforts will be made to contact churches and religious organizations to engage the religious and spiritual community. The AARP and other senior-focused groups will be engaged as well as the Urban League Young Professionals, Leadership Broward, Leadership Fort Lauderdale, FAU, and the School Board of Broward to engage school-age youth.
- Dickey Consulting Services, Inc., along with a RES technical team member will develop, present, and conduct public workshops along with English as a second language support such as Spanish and Creole.

Requested City Staff Support
Encourage HOA participation via NextDoor, link to the City's website, notices in the water bills to announce public meetings, and access to the City's survey consultant to assist with conducting the surveys on the City's website as has been done before with other City projects.

4

Project Manager – Justin Freedman



- Local presence and local knowledge
- Available as needed in person
- Urban forestry leader
  - Florida Urban Forestry Council – former President, current Executive Committee Member / developed SOAP tools
  - Florida Chapter of the ISA – current board member
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- RES will gather applicable information about the City's urban forest from City staff, such as iTree reports, existing GIS layers and more.
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6

Achieving the City's 2040 tree canopy goal equals Math + Science + Strategy + Public Engagement

- How many trees will need to be planted to increase the canopy coverage from 26% to 33% by 2040?
- Asked another way, how many trees are needed to increase canopy by 1,626 acres (or 70M square feet)?
  - Maintain existing trees – maintenance and policy
  - Plant new trees on public and private land
- Which trees will survive and thrive in the City's varied environments?
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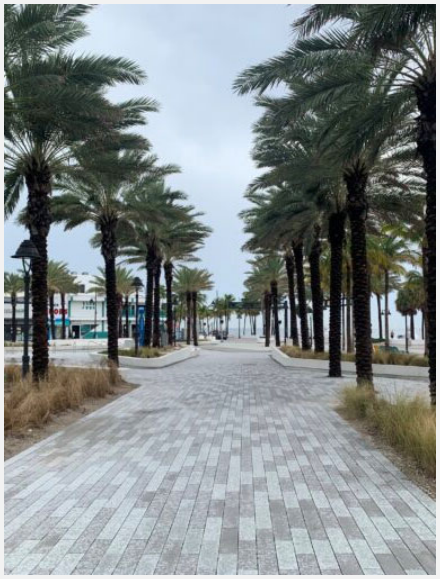

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Conclusion

- Locally based team with deep ties to Fort Lauderdale and a vested interest in the project's success.
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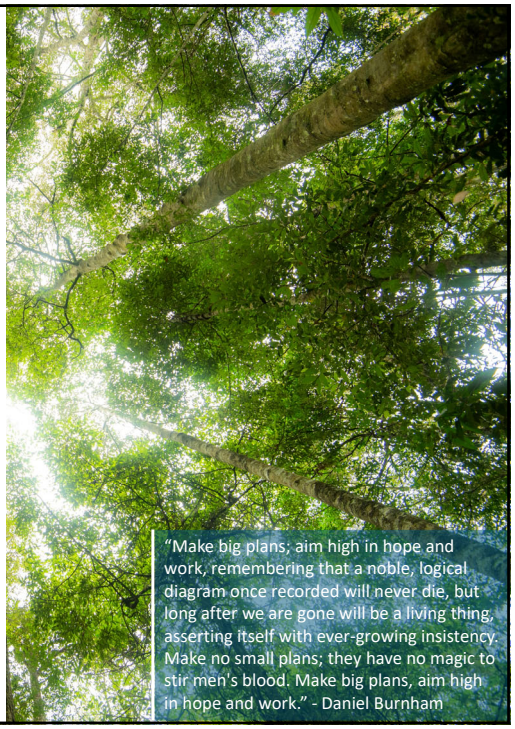

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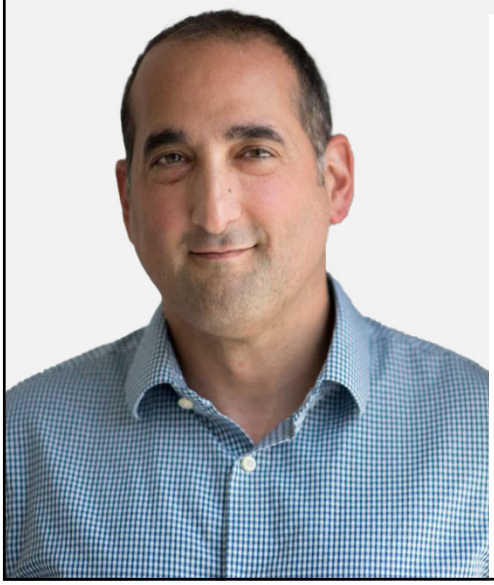

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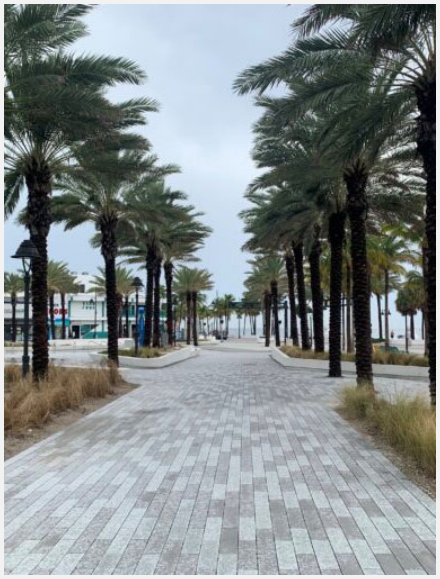

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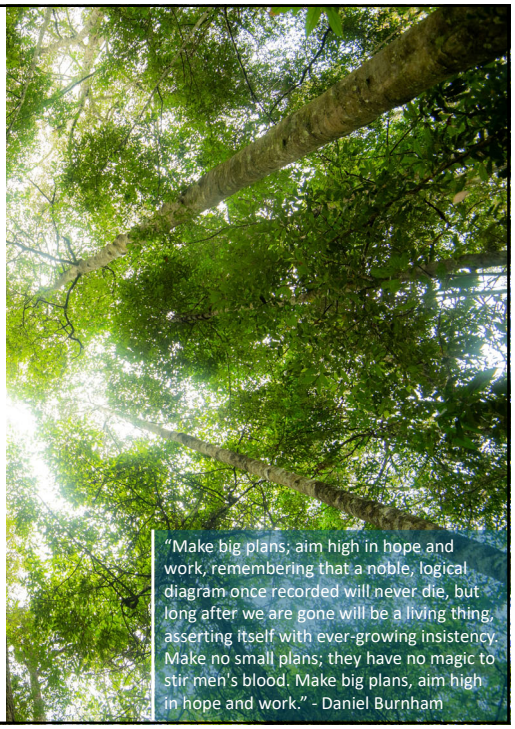

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