

**Tierra South Florida, Inc.**

Bid Contact **Katie White**  
**bfunt@tierrasf.com**  
**Ph 561-687-8536**  
**Fax 561-687-8570**

Address **2765 Vista Parkway**  
**Suite 10**  
**West Palm Beach, FL 33411**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PSEN-18-02--01-01	Please submit documents here.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Tierra South Florida, Inc.

Item: **Please submit documents here.**

#### Attachments

Pembroke Pines PSEN-18-02.pdf

Title Page

RFQ # PSEN-18-02

“Professional Service Providers (Architectural, Engineering, Surveying &amp; Mapping)”

Date: July 24, 2018

Category: Geotechnical Services



PRESENTED TO:

CITY OF PEMBROKE PINES

PRESENTED BY:



2765 Vista Parkway, Suite 10  
West Palm Beach, Florida 33411  
Phone: (561) 687-8536  
Fax: (561) 687-8570  
Email: [Raj@Tierrasf.com](mailto:Raj@Tierrasf.com)

16250 NW 59<sup>th</sup> Avenue, #207  
Miami Lakes, Florida 33014  
Phone: (305) 557-0708

## **Tab 1 – Letter of Interest**

July 24, 2018

The City of Pembroke Pines  
Purchasing Division  
8300 South Palm Drive  
Pembroke Pines, Florida 33025

RE: **RFQ # PSEN-18-02 “Professional Service Providers (Architectural, Engineering, Surveying & Mapping)”**  
**Category: Geotechnical Services**

Dear Selection Committee Members:

Tierra South Florida, Inc. (TSF) appreciates the opportunity to present our Letter of Interest to The City of Pembroke Pines (City) to provide **Professional Geotechnical Services** in response to RFQ # PSEN-18-02, Professional Service Providers (Architectural, Engineering, Surveying & Mapping).” TSF is confident we can meet and exceed your expectations. TSF has an experienced and available team with a proven record of performing in a timely manner and within budget. Our goal is to serve as an extension of your staff. We strongly believe that our technical expertise and experience will benefit the City of Pembroke Pines. **Our Miami Lakes office and CMEC laboratory is located 20 minutes away from the City of Pembroke Pines.** We are committed to providing you and your staff with the highest level of professional support available. TSF is committed to the contract and exceeding your expectations.

TSF is a full-service consulting geotechnical and construction materials testing engineering firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction materials testing. Our services also include threshold/special inspection and roofing inspection services. Our organization is committed to providing quality, responsive service thereby establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas.

**Key Personnel:** Our team has the qualified, available and proven individuals to ensure the City’s projects are completed to the highest standards. The scope of services associated with this contract is well suited to TSF capabilities. Our staff of over 49 includes 5 engineers, 26+ field/laboratory technicians, as well as drillers and clerical/support staff. TSF has a proven record of successfully responding to the demands of task-order based contracts. Our professional staff has been providing professional geotechnical engineering and construction materials testing services on public contracts for over 20 years. As a Project Manager, I bring over 31 years of experience managing similar type continuing, task-order based contracts for public agencies. I have been the Project Manager/Lead Geotechnical Engineer for annual contracts with over 20 agencies including Broward County, City of Sunrise, City of Miramar, Palm Beach County, Miami-Dade County, South Florida Water Management District, Florida Department of Transportation District 4 & 6 and other agencies. We are therefore extremely familiar with the policies/procedures, demands of task-order based contracts, working for public agencies, local subsurface conditions, and the quick mobilization of resources throughout Florida.

**Licensing and Certification:** TSF meets and exceeds the licensing and certification requirements necessary to complete the scope of services. Our testing laboratory follows American Society of Testing and Material (ASTM) and American Association of State Highway and Transportation Officials (AASHTO) standards, is certified by Construction Material Engineering Council, Inc. (CMEC) and validated by Florida Department of Transportation (FDOT) and the United States Army Corp of Engineers (USACE). Our personnel are ACI, FDOT CTQP, SBCCI and Nuclear Density Gauge (Troxler) certified, and can perform numerous specialty testing including roof pull tests, fire proofing tests, welding and structural inspections. Our technicians regularly work on educational, airport, and other restricted access facilities and have all successfully undergone Level 2 Screening. **TSF is a certified Disadvantaged Business Enterprise (DBE)** with the Florida Department of Transportation **and a certified Minority Business Enterprise (MBE)** with the State of Florida’s Office of Supplier Diversity.

**Project Approach and Management:** Our project approach is based on a proven methodology that is executed in our daily activities. Our commitment to responsiveness, efficiency, quality, and budget guides each aspect of our approach. The majority of TSF’s daily activities are task-order based and therefore, our firm is structured for responsiveness and capacity. As a Project Manager, I will be



your single point of contact for all services. This project approach ensures that the City representatives know whom to contact for their needs, and it will also ensure that we meet those needs. Once I am contacted, I will assign the appropriate personnel to meet the project needs as outlined by the City. As TSF's single point of contact, I will maintain the individual task-work-order tracking and, as such, I will be aware of project schedules and budgets. Individual project tasks will be managed by a qualified Professional Engineer within the TSF team.

We are committed to approaching each project from a cost savings perspective without sacrificing quality, sound design. For all geotechnical projects, TSF performs a site reconnaissance and reviews existing foundation/soils data at the beginning of each job to minimize unforeseen circumstances/issues which may impact the design and overall project budget. All our design recommendations ensure that our client's budgets are maintained or provide cost savings. For example, TSF provided geotechnical design recommendations for Palm Beach County's Operation Center eliminating the need for approx. 500 auger-cast piles from a previous design, saving Palm Beach County about \$2 million and significantly reducing the construction time.

TSF also utilizes a smartphone reporting system called Construction Services System (CSS). With this system, TSF's field technicians create an electronic draft report on site, which is immediately transmitted to TSF's Project Manager as well as City representatives for same day reporting. All draft reports will then be checked by the TSF Project Manager and QA/QC officer. Some benefits of CSS include:

- ✓ Same day reporting
- ✓ Immediate results from the field
- ✓ Faster failed results notification to City
- ✓ Improved efficiency
- ✓ Reduced errors
- ✓ Incorporates our commitment to sustainability

**Availability:** Our staff has the commitment and availability to successfully fulfill this contract and is also willing and able to work nights, holidays, and week-ends as necessary. We are available 24 hours a day, 7 days a week, and 365 days a year. Our firm has the staff availability to effectively respond to multiple, varied and often simultaneous task authorizations. ***Regardless of the number of authorizations, complexity or size, TSF has been able to consistently deliver ALL projects on or ahead of schedule.***

Year	Contracted Projects	On Schedule	Completed	On-Going
2018 (1/1 - 7/1)	260	100%	80%	20%

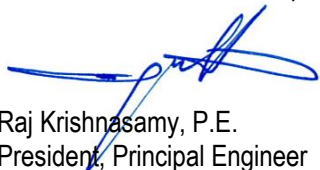
TSF will service this contract out of both our Miami Lakes office, located at 16250 NW 59<sup>th</sup> Ave., Ste. 207, Miami Lakes, FL 33015; which is located 20 minutes from the City as well as our main office located at 2765 Vista Parkway, Suite 10, West Palm Beach, Florida 33411.

TSF is more than a geotechnical engineering and materials testing firm, we are a consultant. We believe in getting the job done right the first time. It is our philosophy to earn credibility with our clients on each project. We strive to develop long-term relationships with our clients on each project we complete. Our staff consists of professionals whose dedication to serving our clients is second to none. TSF believes in a team approach with our clients. We believe our clients concerns are our concerns, and every effort will be made to foster this relationship. Finally, our goal is to be an extension of your staff.

With our personnel and resources, we are dedicated to meeting all the desired services, schedule and budget requirements when providing Professional Geotechnical Services in response to RFQ # PSEN-18-02. My email address is [Raj@TierraSF.com](mailto:Raj@TierraSF.com) and my cell number is (561) 719-6902. We look forward to the opportunity to work with the City on this contract.

Sincerely,

**TIERRA SOUTH FLORIDA, INC.**



Raj Krishnasamy, P.E.  
President, Principal Engineer

**Tab 2 – Standard Form 330 (Parts I and II)**

*See attached SF330 which includes five references in Section F projects.*

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Professional Service Providers (Architectural, Engineering, Surveying, &amp; Mapping), Pembroke Pines, Florida

## 2. PUBLIC NOTICE DATE

## 3. SOLICITATION OR PROJECT NUMBER

PSEN – 18-02

### B. ARCHITECT-ENGINEER POINT OF CONTACT

## 4. NAME AND TITLE

Raj Krishnasamy, P.E., President/ Principal Engineer

## 5. NAME OF FIRM

TIERRA SOUTH FLORIDA, Inc.

## 6. TELEPHONE NUMBER

(561) 687-8536

## 7. FAX NUMBER



(561) 687-8570

## 8. E-MAIL ADDRESS

Raj@TierraSF.com

### C. PROPOSED TEAM

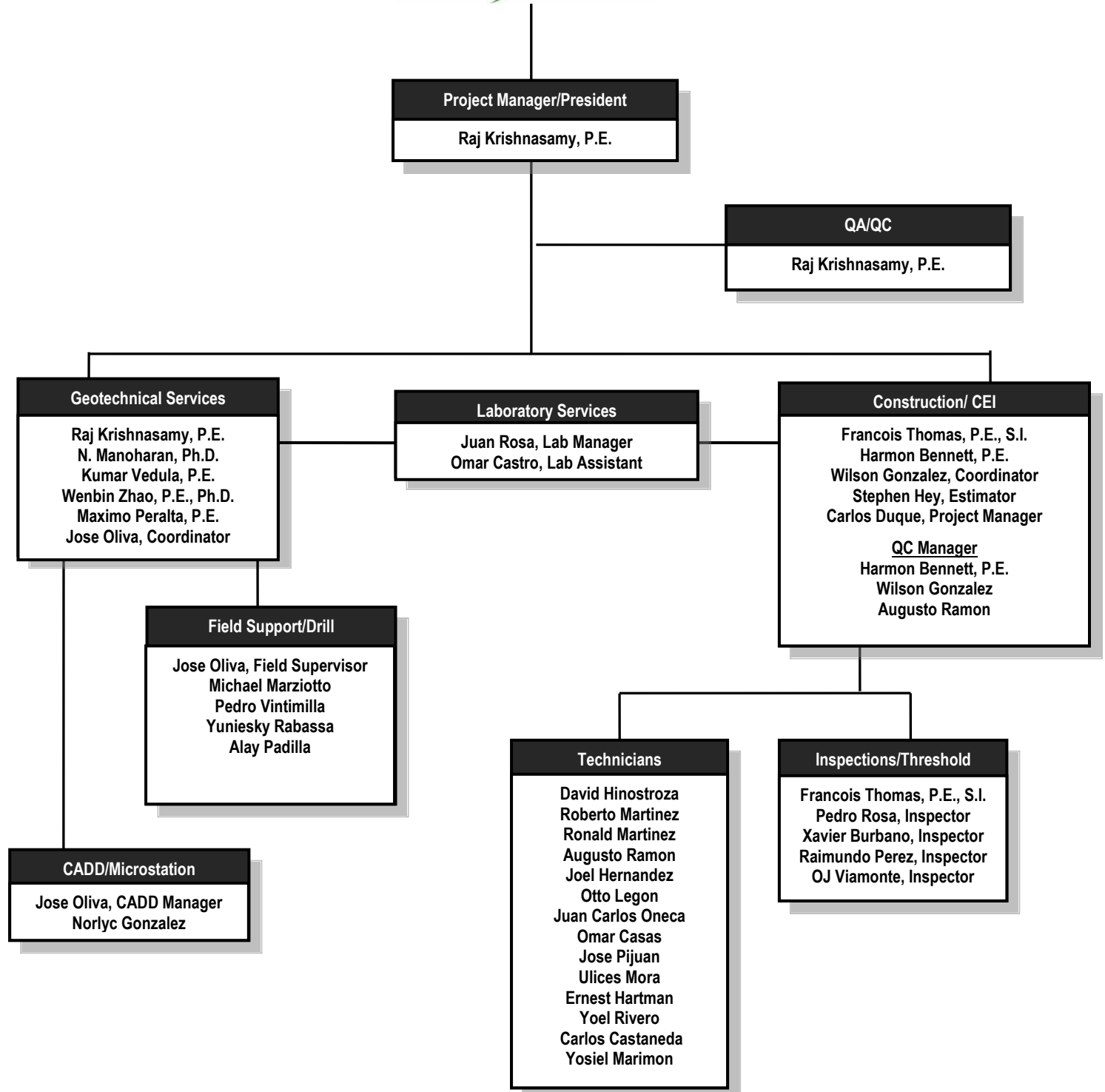
*(Complete this section for the prime contractor and all key subcontractors.)*

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	X			 <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Professional Geotechnical Engineering, Material Testing and Inspection Services
b.	X			 <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	16250 NW 59 <sup>th</sup> Avenue, Suite 207 Miami Lakes, FL 33014	Professional Geotechnical Engineering, Material Testing and Inspection Services
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ *(Attached)*


# ORGANIZATIONAL CHART



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>RAJ KRISHNASAMY, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Project Manager, Principal Geotechnical Engineer</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL <b>31</b></td> <td>b. WITH CURRENT FIRM <b>18</b></td> </tr> </table>		a. TOTAL <b>31</b>	b. WITH CURRENT FIRM <b>18</b>
a. TOTAL <b>31</b>	b. WITH CURRENT FIRM <b>18</b>				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>BS Civil Engineering, Christian Brothers University, 1987</b> <b>MS Civil Engineering, University of Memphis, 1996</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>Professional Engineer, Florida No. 53567</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer; Geotechnical Material Engineering Council, Past Chairman</b>					

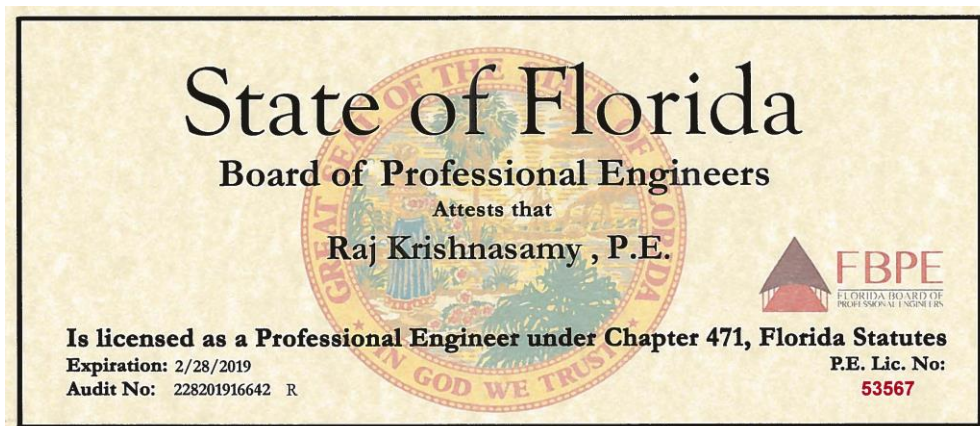
**Mr. Raj Krishnasamy, P.E. will serve as Project Manager, the single Point of Contact for the City and QA/QC Officer. He is a Florida-registered Professional Engineer with 31 years of professional experience and a Master of Science in Geotechnical Engineering. As President and Principal Engineer of TSF, Mr. Krishnasamy oversees all geotechnical engineering, construction materials testing, and inspection services operations. His experience is highlighted by over 5,000 public and private projects, design-build projects totaling over \$2 billion in construction costs, and numerous prominent projects. Mr. Krishnasamy has extensive experience as Project Manager and QA/QC Officer for continuing contracts providing geotechnical engineering, laboratory services, and construction material testing. He serves as Project Manager for continuing contracts with over 20 Florida public agencies with a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.**

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Signalization Structures, Intersection of Sheridan Street and Palm Avenue, City of Pembroke Pines, Florida</b>	<b>PROFESSIONAL SERVICES</b> <b>2015</b>	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm <b>a.</b> Mr. Krishnasamy was the principal in charge of the Geotechnical Engineering services for the intersection improvement project at the intersection of Sheridan Street and Palm Avenue in Pembroke Pines, Florida. The purpose of this study was to provide Geotechnical input to the design team to assist in evaluation of the merits of the potential mast arm installations. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the proposed improvements. Field work included Standard Penetration Test (SPT) borings. Prepared Geotechnical Services Report for the project, summarizing the course of study pursued, field data, subsurface conditions, and engineering recommendations regarding foundation design and drilled shaft construction considerations. <b>✓ Completed on time ✓ Within budget</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>SR-823 / Flamingo Road At SR-820 / Pines Blvd., Broward County, Florida</b>	<b>PROFESSIONAL SERVICES</b> <b>2017</b>	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm <b>b.</b> Mr. Krishnasamy was the principal in charge of the geotechnical engineering for the safety improvement project for SR-823 / Flamingo Road at SR-820 / Pines Boulevard. The improvements include installation of strain pole structures at the intersection. The purpose of the study was to provide Geotechnical input to the design team for strain pole design. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field study included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding foundation design, drilled shaft construction, and comments regarding factors that may impact construction and performance of the proposed construction. <b>✓ Completed on time ✓ Within budget</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pembroke Road Widening from West of Dykes Road to East of Silver Shores Boulevard, Broward County, Florida</b>	<b>PROFESSIONAL SERVICES</b> <b>2016</b>	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm <b>c.</b> Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the project which included the widening of Pembroke Road, predominantly, on the north side between west of Dykes Road and east of Silver Shores Boulevard. The purpose of the study was to provide Geotechnical input to the design team to assist in evaluation of the merits of the roadway construction. The study was performed to obtain information on the existing subsurface conditions along the project alignment to assist in the design of the construction plans. Geotechnical field study included Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests and Muck probes. Provided engineering evaluation of the site and subsurface conditions with respect to the planned roadway; and Geotechnical recommendations for site preparation based upon site observations, the field exploratory test data obtained during the geotechnical study, and our understanding of the project information. <b>✓ Completed on time ✓ Within budget</b>		



(1) TITLE AND LOCATION <i>(City and State)</i> <b>BCWWS Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement Project, Pompano Beach, Florida</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>			
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the BCWWS – Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement project in Pompano Beach, Florida. The project includes the construction of Gravity Sewer, Force Main, and Lift Stations. The project is located between NW 16th Lane and NW 17th lane, just north of West Copans Road in the City of Pompano Beach. Provided geotechnical evaluations and recommendations regarding site preparation, foundation design, excavations, trench backfill, lateral earth pressures and related construction considerations. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Animal Care and Adoption Facility Broward County, Florida</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION <i>(If applicable)</i> 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016
PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016			
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Krishnasamy was the principal in charge of the geotechnical engineering and construction material testing services for the new Animal Care Adoption Facility located in Broward County, Florida. The development includes a 1-story, 44,000 square foot facility, masonry structure with an associated parking lot. Provided geotechnical recommendations regarding site preparation, foundation design, floor slab, utilities, construction excavation/dewatering, flexible pavement design and comments regarding factors that may impact construction and performance of the proposed construction. During construction, TSF provided Construction Materials Testing, Sampling and Laboratory Testing Services. TSF provided earthwork observations; roof pull test and De-mucking observation services. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm			





**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>FRANCOIS THOMAS, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Principal Materials Engineer, Special Inspector</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL <b>25</b></td> <td>b. WITH CURRENT FIRM <b>17</b></td> </tr> </table>		a. TOTAL <b>25</b>	b. WITH CURRENT FIRM <b>17</b>
a. TOTAL <b>25</b>	b. WITH CURRENT FIRM <b>17</b>				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>MS in Geotechnical Engineering, 1993</b> <b>BS in Civil Engineering, 1991</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>Professional Engineer, Florida No. 56381</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>Special Inspector 7021399, Certified Masonry Inspector, Radiation Safety Officer</b>					

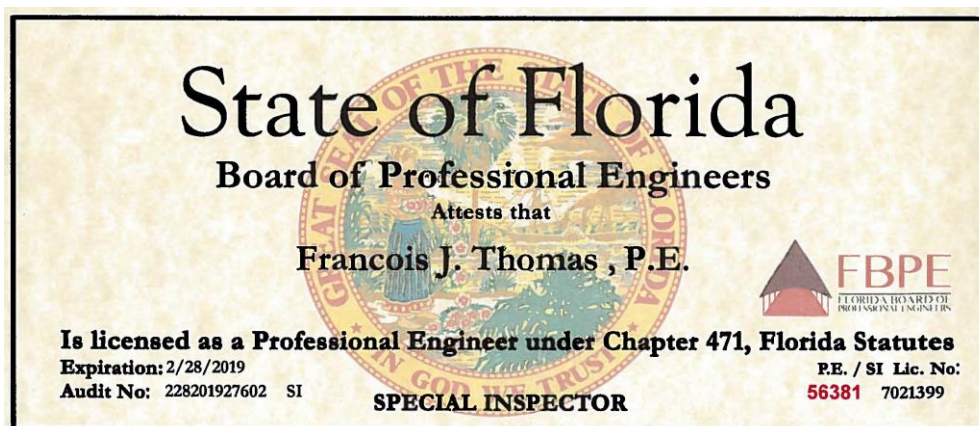
**Mr. Francois Thomas, P.E., S.I., will serve as the Principal Materials Engineer.** Mr. Thomas is a Florida-registered Professional Engineer and Special Inspector with more than 25 years of experience in geotechnical engineering, construction materials testing, and inspection services. He serves as Principal Materials Engineer, supervising the laboratory services, construction materials testing and inspections. He has extensive experience in deep and shallow foundation systems, soil stabilization methods, grouting, and pavement sections evaluation. He has been involved in construction monitoring and supervision for private and government facilities, including construction/foundation installation for port, airport, commercial, municipal, healthcare, retail and school facilities. He has monitored the construction of numerous civil and structural designs involving earthwork, concrete, masonry and asphalt operations. He has managed projects involving subsurface investigation, laboratory testing programs and evaluating construction activities throughout Florida. He is committed to completing projects on time and within budget, with a proven record of flexible scheduling through night/weekend shifts and on occasions 24 hour shifts as needed. His responsibilities for this contract will include the planning and management of field investigations, construction materials testing, and inspections accomplished by our engineering technicians and Special/Threshold Inspectors.

**19. RELEVANT PROJECTS**

<b>(1) TITLE AND LOCATION (City and State)</b> <b>I-75 Express Lanes Segment C, from south of Miramar Parkway to Sheridan Street, Broward County, Florida</b>	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES <b>2017</b></td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)			
<b>a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Geotechnical Engineer for the QA/QC concrete and earthwork testing, pile driving inspections and auger cast pile inspections for sound walls for Segment C of the I-75 Express Lanes Project which extends from approximately 2,400 feet south of Miramar Parkway at milepost 1.080 to approximately 4,000 feet south of Sheridan Street at milepost 4.645 in Broward County, for a total distance of approximately 3.6 miles. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>				
<b>(1) TITLE AND LOCATION (City and State)</b> <b>I-75 Express Lanes Segment D from South of Sheridan Street to North of Griffin Road, Broward County, Florida</b>	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES <b>2017</b></td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)			
<b>b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Geotechnical Engineer for the QA/QC concrete and earthwork testing, pile driving inspections and auger cast pile inspections for sound walls for the design and construction of Segment D of the I-75 Express Lanes Project which extends from approximately 4,000 feet south of Sheridan Street at milepost 4.645 to approximately 800 feet north of the South Florida Water Management District (SFWMD) C-11 Canal Bridge (north of Griffin Road) at milepost 8.344 in Broward County, for a total distance of approximately 3.7 miles. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>				
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Terminal 25 Expansion Port Everglades, Florida</b>	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES <b>2017</b></td> <td>CONSTRUCTION (If applicable) <b>On-going</b></td> </tr> </table>		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>On-going</b>
PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>On-going</b>			
<b>c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Thomas is the Principal Geotechnical Engineer for the geotechnical engineering study and material testing services for the Terminal 25 expansion project at Port Everglades. The construction includes a new 2-story addition to the north end of the existing Terminal 25 building, and a new access ramp to the Midport Parking Garage to the south, and high wind bollards. The ground floor area of the new Terminal 25 addition will encompass about 24,691 square feet. Auger Cast-in Place (ACIP) piles are being considered to support the walls and columns, and drilled shafts are being considered for high wind bollards. Provided geotechnical report that outlined the testing procedures, described the site and subsurface conditions; and provided geotechnical recommendations for foundation design, Foundation soil preparation requirements; Foundation types, depths, allowable capacities, and an estimate of potential settlement general site development; along with Comments regarding factors that may impact construction and performance of the construction. ✓ <b>Completed on time</b> ✓ <b>Within budget</b> TSF is currently providing material testing services during the construction phase of the project.				
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Project Definition and Cost Estimate for Terminal Modernizations, Fort Lauderdale – Hollywood International Airport, Broward County, Florida</b>	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES <b>2015</b></td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)			
<b>d.</b>				



(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Thomas was the principal in charge of earthwork testing, concrete testing and laboratory services. TSF staff provided concrete testing for the Terminals (1, 2 and 3) Modernization project including canopy foundations, columns, and miscellaneous pads. A TSF structural inspector was sent to the field to observe structural steel connections, columns to beams and metal deck, including welds for compliance with codes and project specifications. TSF provided 2 concrete technicians and 1 certified welding inspector. ✓ <b>Completed on time ✓ Within budget</b>		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Animal Care and Adoption Facility, Broward County, Florida</b>	(2) YEAR COMPLETED	
	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION <i>(if applicable)</i> 2016</td> </tr> </table>	PROFESSIONAL SERVICES 2016
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**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>KUMAR VEDULA, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Principal Geotechnical Engineer</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td data-bbox="1162 222 1333 279"> <b>a. TOTAL</b>  <b>22</b> </td> <td data-bbox="1333 222 1572 279"> <b>b. WITH CURRENT FIRM</b>  <b>13</b> </td> </tr> </table>		<b>a. TOTAL</b> <b>22</b>	<b>b. WITH CURRENT FIRM</b> <b>13</b>
<b>a. TOTAL</b> <b>22</b>	<b>b. WITH CURRENT FIRM</b> <b>13</b>				
<b>15. FIRM NAME AND LOCATION (City and State)</b> TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor of Engineering, Andhra University, India, 1992 MS Civil Engineering, University of Memphis, 1995		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer, Florida No. 54873			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Society of Civil Engineers, Past President <i>Augered Cast-in-Place and Driven Pre-stressed Concrete Pile Field Performance Comparison</i> , Frizzi, R. P., & Vedula, R.V., Published in FHWA Resource Center, 83 <sup>rd</sup> Annual Transportation Research Board Meeting, Washington D.C., January 2004					

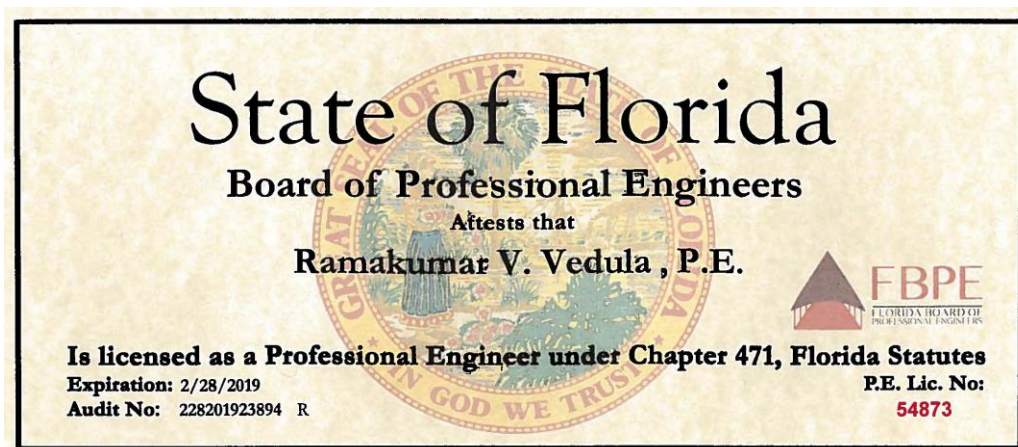
**Kumar Vedula, P.E.** will serve as Principal Geotechnical Engineer. Mr. Vedula is a Florida-registered Professional Engineer with 22 years of geotechnical and construction materials testing experience. He specializes in geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. Additional experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post construction monitoring. Mr. Vedula has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes over 20 high rise buildings, as well as foundation engineering for bridges, roadways, utilities, schools and government facilities.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>SR-823 / Flamingo Road At SR-820 / Pines Blvd., Broward County, Florida</b>	<b>PROFESSIONAL SERVICES</b> 2017	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm a. Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the safety improvement project for SR-823 / Flamingo Road at SR-820 / Pines Boulevard. The improvements include installation of strain pole structures at the intersection. The purpose of the study was to provide Geotechnical input to the design team for strain pole design. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field study included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding foundation design, drilled shaft construction, and comments regarding factors that may impact construction and performance of the construction. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		
<b>Signalization Structures, Intersection of Sheridan Street and Palm Avenue, City of Pembroke Pines, Florida</b>	<b>PROFESSIONAL SERVICES</b> 2015	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm b. Mr. Vedula was the Principal Geotechnical Engineer for the intersection improvement project at the intersection of Sheridan Street and Palm Avenue in Pembroke Pines, Florida. The purpose of this study was to provide Geotechnical input to the design team to assist in evaluation of the merits of the potential mast arm installations. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the proposed improvements. Field work included Standard Penetration Test (SPT) borings. Prepared Geotechnical Services Report for the project, summarizing the course of study pursued, field data, subsurface conditions, and engineering recommendations regarding foundation design and drilled shaft construction considerations. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		
<b>I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward &amp; Miami-Dade Counties, Florida</b>	<b>PROFESSIONAL SERVICES</b> On-going	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm c. Mr. Vedula is the Geotechnical Foundation Design Engineer of Record (GFDEOR) for the project. Performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures. Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls. ✓ <b>On schedule</b> ✓ <b>Within budget</b>		



(1) TITLE AND LOCATION <i>(City and State)</i> <b>Sheridan Street and Dykes Road Intersection Improvements,          Broward County, Florida.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the intersection improvement project at the intersection of Sheridan Street and Dykes Road in Broward County. The improvements include signalization structures and roadway improvements. The purpose of the study was to provide Geotechnical input to the design team to assist in evaluation of the merits of the intersection improvements. The study was performed to obtain information on the existing subsurface conditions for the improvements. Geotechnical field study included auger borings, Standard Penetration Test (SPT) borings, on-site exfiltration test, and pavement cores. Provided a geotechnical Service Report summarizing the course of study pursued, field data, subsurface conditions, and geotechnical recommendations regarding pavement design, and foundation design and drilled shaft construction recommendations for mast arms. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Terminal 25 Expansion,          Port Everglades, Florida</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering study for the Terminal 25 expansion project at Port Everglades, Florida. The construction includes a new 2-story addition to the north end of the existing Terminal 25 building, and a new access ramp to the Midport Parking Garage to the south, and high wind bollards. The ground floor area of the new Terminal 25 addition will encompass about 24,691 square feet. Auger Cast-in Place (ACIP) piles are being considered to support the walls and columns, and drilled shafts are being considered for high wind bollards. The purpose of the study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation for the proposed construction. Provided geotechnical report that outlined the testing procedures, described the site and subsurface conditions; and provided geotechnical recommendations for foundation design, Foundation soil preparation requirements; Foundation types, depths, allowable capacities, and an estimate of potential settlement general site development; along with Comments regarding factors that may impact construction and performance of the construction. ✓ <b>Completed on time</b> ✓ <b>Within budget</b> TSF is currently providing material testing services during the construction phase of the project.	<input checked="" type="checkbox"/> Check if project performed with current firm CONSTRUCTION <i>(If applicable)</i> On-going	



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>N. MANOHARAN, PH.D.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Senior Specialist</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL <b>21</b></td> <td>b. WITH CURRENT FIRM <b>14</b></td> </tr> </table>		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>14</b>
a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>14</b>				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Doctorate of Philosophy in Geotechnical Eng., 1996 Master of Technology in Geotechnical Eng., 1988 Bachelor of Engineering in Civil Engineering, 1985		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Publications: "Soils and Foundation" Training provided by NHI of FHWA (2003); "Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes" provided by NHI of FHWA (2005); "Ground Improvement Methods" Training provided by NHI of FHWA (2006)					

**N. Manoharan, Ph.D.**, will serve as Senior Specialist. Dr. Manoharan has more than 21 years of experience in providing geotechnical services to projects of diversified complexity focusing primarily on transportation projects. His experience includes soil investigation, foundation designs, piling works, ground improvement works, slope stability analysis, MSE walls and earth works. He is extremely knowledgeable regarding the analysis and evaluation of field and laboratory data, performing in-situ soil testing, in-place permeability testing and geophysical explorations. He has performed studies including monitoring vibrations of structures during construction and evaluating bearing capacity and settlements for different types of shallow and deep foundation systems. In addition, he has provided evaluation of embankment design of retaining walls, sheet piling systems, slope stability analysis of conventional and reinforced embankments, and evaluation of drilled shaft, driven pile, Augercast pile, and pile static load tests. He has successfully completed over 100 FDOT projects, principally in Districts 4, 6, and Florida's Turnpike Enterprise.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>ATMS Deployment in Southern Broward County (Design-Build Project) Broward County, Florida</b>	<b>PROFESSIONAL SERVICES</b> <b>2014</b>	<b>CONSTRUCTION (If applicable)</b>
<b>a.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Dr. Manoharan was the senior specialist for the geotechnical engineering study for the installation of fiber optic communications infrastructure, closed circuit TV cameras, Arterial Dynamic Message Signs, emergency pre-emption system devices, microwave vehicle detection system and travel time system in Hollywood, Pembroke Pines, Hallandale Beach, West Park and Pembroke Park. Projects length is approximately 19.25 miles. Field work included Standard Penetration Test (SPT) borings. Provided report summarizing subsurface and groundwater condition. Report also included geotechnical recommendations for drilled shaft foundation design and drilled shaft construction considerations. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida</b>	<b>(2) YEAR COMPLETED</b> <b>PROFESSIONAL SERVICES</b> <b>2017</b>	
<b>b.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Dr. Manoharan was the senior specialist for the geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County, Florida. The purpose of the study was to provide Geotechnical (i.e. soils and groundwater) input to the design team to assist in evaluation of the merits of the potential roadway improvements. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. TSF also reviewed the existing data from previous studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pile Wall, Light Pole installation, and construction considerations. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>SW 4th Avenue at SW 28th Street, Broward County, Florida</b>	<b>(2) YEAR COMPLETED</b> <b>PROFESSIONAL SERVICES</b> <b>2016</b>	
<b>c.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Dr. Manoharan was the senior specialist for the geotechnical study for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street in Broward County, Florida. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field work included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		



(1) TITLE AND LOCATION <i>(City and State)</i> <b>District 4 Unknown Foundations Bridge Scour Evaluation</b> <b>FPID No.: 427334-1-72-01, Broward County, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Manoharan was the senior specialist for the geotechnical engineering services which consisted of estimating pile foundation embedment for 20 bridge structures. Bridges included Andrews Avenue over C-13 Canal Bridge, NE 23 Avenue over Rio Giraldo Canal, NE 26th Terrace over Rio De Sota, Laguna Terrace over Diane River, West Lake Drive over Estelle River, West Lake Drive over Diane River, West Lake Drive over Lucille River, Johnson Street over C-10 Canal, and Kings Highway over Belcher Canal amongst others. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> <b>I-95 Express Lanes in Broward and Miami-Dade Counties (Design-Build) the Golden Glades in Miami-Dade County to Broward Boulevard in Broward County, Broward and Miami-Dade Counties, Florida FPID Nos: 422796-1-52-01/ 422796-2-52-01</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Manoharan was the senior specialist for the geotechnical engineering study for the extension of the High Occupancy Toll Express lanes from northern Miami-Dade County north 13 miles to Fort Lauderdale. The project included installing Intelligent Transportation System components; modifying the Ives Dairy Road interchange; bridge widening at specific locations and installing new noise barrier walls at locations between Hollywood Boulevard and Taft Street. Performed geotechnical study for roadway widening, bridge widening, overhead signs, MSE walls, toll equipment gallantries and buildings. During construction, TSF provided pile driving inspection and foundation certification. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>JOSE OLIVA</b>	13. ROLE IN THIS CONTRACT <b>Senior CADD/GIS/Microstation Manager, Geotechnical Field Supervisor</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>18</b>
15. FIRM NAME AND LOCATION (City and State) <b>TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>BS in Geophysical Engineering, 1992 NorthTech Institute, AutoCAD I, II and III, 2001</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <i>Jose Oliva will serve as the CADD Manager/Field Supervisor. Mr. Oliva has 21 years of experience supervising field crew and CADD.</i>			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) <b>Terminal 4 (T4) Redevelopment and Expansion, Fort Lauderdale – Hollywood International Airport, Broward County, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Oliva was the Supervisor for the field coordination for the subsurface investigation for the geotechnical engineering study for proposed Western Expansion of Terminal 4 and a connector bridge to Terminal 3. Field work consisted of Standard Penetration Test (SPT) borings. Mr. Oliva was responsible for coordinating with BCAD authorities and supervising the drill crew, boring layout, safety procedures and utility clearance coordination. He was also responsible for CADD/Microstation for the project. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>BCWWS Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement Project, Pompano Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Oliva was the Supervisor for the field coordination for the geotechnical engineering study for the BCWWS – Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement project. The project includes the construction of Gravity Sewer, Force Main, and Lift Stations. The project is located between NW 16th Lane and NW 17th lane, just north of West Copans Road. Field work included Standard Penetration Test (SPT) borings. Mr. Oliva supervised the drill crew, boring layout, safety procedures and utility clearance coordination. He was also responsible for CADD/Microstation. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Terminal 25 Expansion, Port Everglades, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Oliva was the Supervisor for the field coordination for the geotechnical engineering study for the Terminal 25 expansion project at Port Everglades, Florida. The construction includes a new 2-story addition to the north end of the existing Terminal 25 building, and a new access ramp to the Midport Parking Garage to the south, and high wind bollards. Field work included Standard Penetration Test (SPT) borings and Bore Hole Permeability (BHP) tests. Mr. Oliva was responsible for supervising the drill crew, boring layout, safety procedures and utility clearance coordination. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Copans Road Wastewater Replacement Project, Coconut Creek, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Oliva was the Supervisor for the field coordination for the geotechnical engineering study for the Copans Road Wastewater Replacement Project. The project consisted of the replacement of the existing force main extending from Sample Road along Lyons to Copans Road and from Copans Road to Florida's Turnpike for a length of about 11,500 linear feet. Field work included Standard Penetration Test (SPT) borings. Mr. Oliva supervised the drill crew, safety procedures and utility clearance coordination. He was also responsible for CADD/Microstation for the project. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>SW 4th Avenue at SW 28th Street, Broward County, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Oliva was the Supervisor for the field coordination for the geotechnical study for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street. The improvements included the installation of a mast arm structure, and roadway widening. Field work included Standard Penetration Test (SPT) borings. Mr. Oliva was responsible for supervising the drill crew, boring layout, safety procedures and utility clearance coordination. He was also responsible for CADD/Microstation for the project. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm	



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Wilson Gonzalez</b>	13. ROLE IN THIS CONTRACT <b>Construction Materials Testing and Inspections Project Coordinator</b>	14. YEARS EXPERIENCE a. TOTAL 16      b. WITH CURRENT FIRM 12	
15. FIRM NAME AND LOCATION (City and State) <b>TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Escuela Colombiana De Ingenieria, B.S., Civil Engineering, 2002</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>TIN # G52488174: CTQP Asphalt Plant Inspector - Level I, CTQP QC Manager</b>			

Mr. Gonzalez has over 16 years of experience providing construction services. Mr. Gonzalez serves as the Testing Project Coordinator/QC Manager under Mr. Francois Thomas. He is a certified CTQP QC Manager. He supervises the field technicians, reviews reports for accuracy and daily billing, and communicates effectively with Contractor personnel. He is responsible for the scheduling and logistics of all field personnel and equipment. His daily responsibilities include administrative control, site management and progress reports.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>I-75 Express Lanes Segment D from South of Sheridan Street to North of Griffin Road, Broward County, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Gonzalez was the project coordinator for the QA/QC concrete and earthwork testing for the design and construction of Segment D of the I-75 Express Lanes Project which extends from approximately 4,000 feet south of Sheridan Street at milepost 4.645 to approximately 800 feet north of the South Florida Water Management District (SFWMD) C-11 Canal Bridge (north of Griffin Road) at milepost 8.344 in Broward County, for a total distance of approximately 3.7 miles. His responsibilities included the daily management of inspectors and laboratory services. Attended progress meetings with the client to best ensure the owner is satisfied with work production and Quality Control. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>I-75 Express Lanes Segment C, from south of Miramar Parkway to Sheridan Street, Broward County, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Gonzalez was the project coordinator for the QA/QC concrete and earthwork testing for Segment C of the I-75 Express Lanes Project which extends from approximately 2,400 feet south of Miramar Parkway at milepost 1.080 to approximately 4,000 feet south of Sheridan Street at milepost 4.645 in Broward County, for a total distance of approximately 3.6 miles. His responsibilities included the daily management of inspectors and laboratory services. Attended progress meetings with the client to best ensure the owner is satisfied with work production and Quality Control. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>SFWMD S-13 Pump Station Repower and Automation Project, Broward County, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2015
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Gonzalez was the project coordinator for the construction testing services for the project which included replacing S-13 pump station engines with owner furnished equipment. Refurbish gearboxes and pumps, replace station ventilation, fuel system, trash rakes and bridge crane. Construct new generator building, trash rake control building and debris storage. Install new electrical system including new service, motor control center, emergency generators, transfer switches, panels, RTU and owner furnished engine and station control centers. Site work included temporary facilities, sheet pile canal wall and pavement. TSF provided material testing, sampling and laboratory testing services. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward &amp; Miami-Dade Counties, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) On-going
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Gonzalez is the Project Coordinator for the design and construction of Segments A&B of the I-75 Express Lanes Project. TSF is currently providing pile driving inspections and auger cast pile inspections for sound walls for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The Project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. ✓ <b>Project is on-going time</b> ✓ <b>Within budget</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	



(1) TITLE AND LOCATION <i>(City and State)</i> <b>Animal Care and Adoption Facility, Broward County, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> 2016
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Gonzalez was the project coordinator for the construction material services during the construction portion of the project. His responsibilities included the daily management of inspectors and laboratory services. Attended progress meetings with the client to best ensure the owner is satisfied with work production and Quality Control. TSF provided Construction Materials Testing, Sampling and Laboratory Testing Services. Additionally, TSF provided earthwork observations; roof pull test and De-mucking observation services. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>	

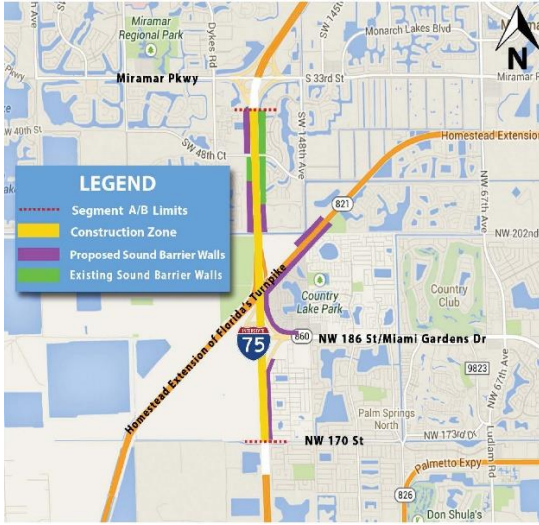

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <b>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</b>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>1</b>		
<b>21. TITLE AND LOCATION (City and State)</b> <b>Terminal 25 Expansion,</b> <b>Port Everglades, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If applicable) On-going</td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) On-going
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) On-going			
<b>23. PROJECT OWNER'S INFORMATION</b>				
<b>a. PROJECT OWNER</b> Port Everglades c/o Bermello Ajamil	<b>b. POINT OF CONTACT NAME</b> Mr. Ulises Torres, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 627-5136		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  <p>TSF performed a geotechnical engineering study for the Terminal 25 expansion project at Port Everglades, Florida. The construction includes a new 2-story addition to the north end of the existing Terminal 25 building, and a new access ramp to the Midport Parking Garage to the south, and high wind bollards. The ground floor area of the new Terminal 25 addition will encompass about 24,691 square feet. Auger Cast-in Place (ACIP) piles are being considered to support the walls and columns, and drilled shafts are being considered for high wind bollards. The purpose of the study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation for the proposed construction. Field work included Standard Penetration Test (SPT) borings and Bore Hole Permeability (BHP) tests. Provided geotechnical report that outlined the testing procedures, described the site and subsurface conditions; and provided geotechnical recommendations for foundation design, Foundation soil preparation requirements; Foundation types, depths, allowable capacities, and an estimate of potential settlement general site development; along with Comments regarding factors that may impact construction and performance of the construction.</p> <p>TSF is currently providing material testing services during the construction phase of the project.</p>				

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION (City and State) <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering, Quality Control Testing &amp; Inspection Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE






<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>2</b>				
<b>21. TITLE AND LOCATION (City and State)</b> <b>I-75 Express Lanes – Segment A/B from NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2014</td> <td>On-going</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2014	On-going
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2014	On-going					
<b>23. PROJECT OWNER'S INFORMATION</b>						
<b>a. PROJECT OWNER</b> FDOT D4 c/o Wantman Group, Inc.	<b>b. POINT OF CONTACT NAME</b> Mr. Keegan Larson, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (561) 687-2220				
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>Performed a geotechnical study for the design and construction of Segments A&amp;B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures.</p> <p>Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls.</p> <p>Project Duration: 2014 – 2019 (Scheduled)</p>						
 						


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	<b>(1) FIRM NAME</b> <b>Tierra South Florida, Inc.</b>	<b>(2) FIRM LOCATION (City and State)</b> <b>West Palm Beach, Florida</b>	<b>(3) ROLE</b> <b>Geotechnical Engineering, Quality Control Testing Services</b>
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>3</b>		
<b>21. TITLE AND LOCATION (City and State)</b> <b>ATMS Installation in Central Broward County</b> <b>Broward County, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">PROFESSIONAL SERVICES 2014</td> <td style="text-align: center;">CONSTRUCTION (if applicable) 2014</td> </tr> </table>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2014
PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2014			
<b>23. PROJECT OWNER'S INFORMATION</b>				
<b>a. PROJECT OWNER</b> FDOT D4 c/o Jacobs	<b>b. POINT OF CONTACT NAME</b> Ms. Satya Lory, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (407) 903-5001		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>Project improvements included the installation of fiber optic communications infrastructure, closed circuit TV cameras, Arterial Dynamic Message Signs, emergency pre-emption system devices, microwave vehicle detection system and travel time system in Fort Lauderdale, Oakland Park, Wilton Manors, Lauderdale Lakes, Sunrise and Plantation. TSF performed a supplemental geotechnical study for the proposed DMS structures and CCTV poles. TSF reviewed the geotechnical information provided by FDOT as a part of the RFP package and performed supplemental field work consisting of Standard Penetration test (SPT) borings. Provided geotechnical recommendations regarding DMS structures' foundation design, drilled shaft construction, and CCTV poles' embedment. During construction, TSF performed a supplemental geotechnical engineering study for the CCTV C-53 pole which was relocated about 2,300 feet south of previous selected location. Our additional geotechnical (i.e. soils and groundwater) input assisted the design team in determining if "as-built" pole embedment was suitable based on soil conditions. TSF also provided CTQP certified inspectors to inspect drilled shaft installations for ADMS cantilever sign structures and provide foundation certifications. The project was completed on time and within schedule in 2014.</p>				
				

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION (City and State) <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering and Quality Control Testing Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>4</b>		
<b>21. TITLE AND LOCATION (City and State)</b> <b>Expansion of Runway 10R-28L – Fort Lauderdale-Hollywood International Airport, Broward County, Florida</b>		<b>22. YEAR COMPLETED</b> <table style="width: 100%;"> <tr> <td style="text-align: center;">PROFESSIONAL SERVICES 2014</td> <td style="text-align: center;">CONSTRUCTION (If applicable) 2014</td> </tr> </table>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014			
<b>23. PROJECT OWNER'S INFORMATION</b>				
<b>a. PROJECT OWNER</b> Atkins North America, Inc.	<b>b. POINT OF CONTACT NAME</b> Mr. Joseph Duarte, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 733-7233		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <div style="display: flex; align-items: flex-start;">  <div style="width: 65%;"> <p>This project included shifting and lengthening Runway 10R/28L from 5,276 feet to 8,000 feet, giving the airport two parallel runways that can accommodate air carrier flights. <b>The South Runway Project is the largest project in the airport's history.</b> TSF provided geotechnical engineering services for the expansion of the runway and associated US-1/FEC railroad structures, high fill embankment, and MSE walls. SPT soil borings and sampling were performed for US-1/FEC Railroad structures, MSE walls and high embankments. Maximum <b>MSE wall height is about 65 ft. which is the largest MSE wall in the State of Florida</b> and significantly higher than the normal practice in Florida. TSF performed pile capacity analysis for bridge structures, slope stability analyses and recommendations for MSE walls and embankment fill, as well as other geotechnical engineering recommendations. Organic material was encountered on the east side, varying several feet in thickness and depth. The original recommendation was to demuck and build the 65-foot MSE wall and embankment. However, due to environmental issues, the organic material had to be left in place and could not be demucked. TSF recommended a combination of surcharge and ground improvement as an alternate solution in order to accommodate schedule, and site constraints. The organic soils in the MSE wall areas were improved via soil mixing. The embankment in the runway area was surcharged to minimize post construction settlements. The embankment and surcharge settlement was instrumented and monitored using more than 150 settlement plates. Extensometers were installed to monitor deep seated settlement. Monitoring data from settlement plates and Extensometers were utilized to release surcharge and embankment for construction. Inclometers were installed to monitor potential lateral movement of MSE walls. Compressive strength tests and borings were performed to verify ground improvement via soil mixing. The project was completed on time and within budget in 2014. <b>Awarded the Project of the Year Award from the Southeast Chapter of the American Association of Airport Executives.</b></p> <p>During construction under a separate contract with Broward County, TSF provided QAMT services for various aspects of the project including:</p> <ul style="list-style-type: none"> <li>– Runway &amp; Parallel Taxiway Paving, Lighting, Signage, &amp; Marking</li> <li>– U.S.1/FEC RR Structures</li> <li>– Site Preparation &amp; NAVAIDS Infrastructure</li> </ul> </div> </div>				

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION (City and State) <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering, Construction Material Testing and Inspection Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>5</b>		
<b>21. TITLE AND LOCATION</b> <i>(City and State)</i> <b>BCWWS Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement Project, Pompano Beach, Florida</b>		<b>22. YEAR COMPLETED</b> <table style="width: 100%; border: none;"> <tr> <td style="border: none; text-align: center; width: 50%;">PROFESSIONAL SERVICES 2017</td> <td style="border: none; text-align: center; width: 50%;">CONSTRUCTION <i>(if applicable)</i></td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>
PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>			
<b>23. PROJECT OWNER'S INFORMATION</b>				
<b>a. PROJECT OWNER</b> Craven Thompson & Associates, Inc.	<b>b. POINT OF CONTACT NAME</b> Mr. Patrick Gibney, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 739-6400		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>  <p>TSF performed a geotechnical engineering study for the BCWWS – Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement project in Pompano Beach, Florida. The Broward County Septic Tank Elimination Program District 2 Area 2-G, UAZ 235 project includes the construction of Gravity Sewer, Force Main, and Lift Stations. The project is located between NW 16th Lane and NW 17th lane, just north of West Copans Road in the City of Pompano Beach, Florida. The purpose of the study was to explore the subsurface conditions at the site to enable an evaluation of acceptable construction and site development considerations. Field work included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding site preparation, foundation design, excavations, trench backfill, lateral earth pressures and related construction considerations.</p> <p>The project was completed in time and within budget.</p>				

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE






<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>6</b>		
21. TITLE AND LOCATION <i>(City and State)</i> <b>Animal Care and Adoption Facility, Broward County, Florida</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION <i>(If applicable)</i> 2016</td> </tr> </table>	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016
PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Saltz Michelson c/o Broward County	b. POINT OF CONTACT NAME Mr. Charles A. Michelson, AIA, Principal, Saltz Michelson Architects	c. POINT OF CONTACT TELEPHONE NUMBER (954) 266-2700		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>TSF provided geotechnical engineering and construction material testing services for the new Animal Care Adoption Facility located at the southwest corner of SW 42nd Street and SW 23rd Terrace in Broward County, Florida. The development includes a 1-story, 44,000 square foot facility, masonry structure with an associated parking lot. The purpose of the geotechnical engineering study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation systems for the proposed construction. Field work included Standard Penetration Test (SPT) borings and Borehole Permeability (BHP) tests. Provided geotechnical engineering report summarizing groundwater/subsurface conditions. Provided geotechnical recommendations regarding site preparation, foundation design, floor slab, utilities, construction excavation/dewatering, flexible pavement design and comments regarding factors that may impact construction and performance of the proposed construction.</p> <p>During construction, TSF provided Construction Materials Testing, Sampling and Laboratory Testing Services. The structure has shallow foundations, slab-on-grade, masonry walls and metal roof trusses. Site work includes de-mucking, utility, and pavement installation. Sampling and Laboratory Testing included Modified Proctor values on structural fill, footings, slab and backfill material; LBR tests on stabilized subgrade; Test compressive strength concrete cylinders, grout prisms, and mortar cubes for walls. TSF technicians performed In-Place-Density testing on structural fill, footings, slab, subgrade, base and backfill material; conducted slump, and temperature testing on concrete; molded compressive strength test cylinders, prisms, and cubes. Additionally, TSF provided earthwork observations; roof pull test and De-mucking observation services.</p> <p>This project was finished On Time and In Budget.</p> <div style="display: flex; justify-content: space-around;">   </div>				

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Fort Lauderdale, Florida</b>	(3) ROLE <b>Geotechnical Engineering, Material Testing &amp; Inspection Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>7</b>		
21. TITLE AND LOCATION <i>(City and State)</i> <b>Broward College - South Campus Science Building, Pembroke Pines, Florida</b>		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">PROFESSIONAL SERVICES 2013</td> <td style="text-align: center; padding: 2px;">CONSTRUCTION <i>(If applicable)</i> 2015</td> </tr> </table>	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2015
PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2015			
<b>23. PROJECT OWNER'S INFORMATION</b>				
a. PROJECT OWNER Broward College c/o RJ Behar	b. POINT OF CONTACT NAME Mr. Juan Vazquez, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 680-7771		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>  <p>TSF performed a geotechnical study for the design phase of the project which consisted of a new 2-story building with a footprint of approximately 30,000 SF. Field work included Standard Penetration Test (SPT) borings. Provided geotechnical recommendations regarding foundation design, floor slab, utilities, site preparation (floor subgrade compaction/ engineering fill and footing subgrade).</p> <p>During the construction phase, TSF provided materials testing and laboratory services for compliance with project specifications. Our field technicians sampled concrete and provided density tests on foundation, slabs, sidewalks, parking areas, utility backfill. Our laboratory provided Proctor, LBR tests, as well as reporting concrete breaks.</p> <p>The project was completed on time and within budget.</p>				
				


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering &amp; Material Testing Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>8</b>		
<b>21. TITLE AND LOCATION (City and State)</b> <b>QAMT SOUTH RUNWAY Site Preparation &amp; NAVAIDS Infrastructure, Fort Lauderdale – Hollywood International Airport, Broward County, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If applicable) 2016</td> </tr> </table>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016			
<b>23. PROJECT OWNER'S INFORMATION</b>				
<b>a. PROJECT OWNER</b> BCAD c/o Intertek/PSI	<b>b. POINT OF CONTACT NAME</b> Mr. Morgan Dickinson, P.E., Regional Engineer	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 923-0151		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  <p>The project consisted of the construction of the new south runway, taxiway and connectors. The center piece of this construction phase included the tallest MSE wall in the State of Florida that required soil improvement and surcharge prior to acceptance. TSF provided geotechnical professionals during the soil improvement program, surcharge review data, and settlement plate readings. TSF technicians performed earthwork testing including collecting samples for laboratory testing as well density tests for drainage, embankment, subgrade, and base. Inspectors were provided during the backfill of MSE walls, sampling material for compliance with select fill. The tests were done in 6-inch lifts as per FDOT requirements. The project was constructed mainly under FAA requirements, so the test frequencies and methods, such as sand cone for base materials were followed. The field testing also included performing one-point Proctor to confirm laboratory data and not delay project schedule. The procedure for embankment/fill placement consisted of a combination of an 8-inch layer of sandy soil and an 8-inch layer of limerock, alternating layers until base course (2 lifts). Concrete inspectors were also on site to sample miscellaneous concrete during construction. TSF provided 4 earthwork and concrete technicians, CTQP levels 1 and 2. Our services were required, for most part on a continuous basis, 24 hours in 2 shifts.</p>  <p>The project was completed on time and within budget.</p>				

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION (City and State) <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering, Quality Assurance Material Testing &amp; Inspection Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>9</b>		
21. TITLE AND LOCATION <i>(City and State)</i> <b>West Lake Park Improvement</b> <b>Fort Lauderdale, Florida</b>		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES 2009/2015</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>	PROFESSIONAL SERVICES 2009/2015	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2009/2015	CONSTRUCTION <i>(If applicable)</i>			
<b>23. PROJECT OWNER'S INFORMATION</b>				
a. PROJECT OWNER <b>Miller Legg</b>	b. POINT OF CONTACT NAME <b>Mr. Dylan Larson</b>	a. PROJECT OWNER <b>(954) 436-7000</b>		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>  <p>Provided geotechnical engineering services for a confirmatory subsurface investigation performed in the Intracoastal Water Way (ICWW) for the improvement along the West Lake Park Shoreline. The purpose of the study was to investigate the subsurface conditions in the ICWW at requested locations where timber piles were to be utilized along the shoreline for the rip rap and determine the depth of unsuitable material (if any). Field work included Standard Penetration Test (SPT) borings. Provided geotechnical recommendations including pile installation recommendations (pre-drilling holes, fill for annular spaces, steel shoe tips for drivability purposes, etc.) Completed on time and within budget in 2009.</p> <p>In 2015, TSF provided additional geotechnical engineering services for the West Lake Park Mitigation Project – Segment 4 Construction. The purpose of this study was to uncover sediment underneath the spoil and determine suitability of spoil material for use as fill. Field work included auger borings and laboratory testing. Provided geotechnical engineering evaluations and recommendations regarding suitability of spoil material as fill and temporary side slopes. Completed on time and within budget in 2015.</p>				
				

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>10</b>				
<b>21. TITLE AND LOCATION (City and State)</b> <b>City of Lauderhill Performing Arts Center and Library</b> <b>Broward County, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2011</td> <td>2013</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2011	2013
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2011	2013					
<b>23. PROJECT OWNER'S INFORMATION</b>						
<b>a. PROJECT OWNER</b> Westlake Reed Leskosky	<b>b. POINT OF CONTACT NAME</b> Mr. Jason Adolff	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (202) 296-4344				
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>						
<div style="display: flex;">  <div style="margin-left: 20px;"> <p>Performed a geotechnical exploration and evaluation of the subsurface conditions to enable an evaluation of acceptable foundation systems for the construction of the Performing Arts Center and Library, a 47,000 SF facility to be located near the intersection of Sunrise Boulevard and US 441 in the City of Lauderhill, Florida. The project has two components, a performing Arts Center and a Library. The Performing Arts Center will have a 1,200-seat theater and will also include an art gallery, meeting/classrooms, and banquet/reception facilities. A 10,000SF library will be attached to the Performing Arts Center. The purpose of the geotechnical engineering study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation systems for the proposed construction. Field work included the Standard Penetration Test (SPT) borings, auger borings, and Borehole Permeability (BHP) tests. Provided geotechnical recommendations for foundation design, construction excavation/dewatering, lateral earth pressure/retaining walls, pavement design, drilled shaft foundation for light poles, and general site development.</p> <p>During construction, TSF provided an inspector to observe the footing subgrade at the Orchestra Pit. After observing footing that the subgrade was wet and the gravel was being placed on top of the wet sand and compacted, we recommended that the Orchestra Pit footing subgrade be dewatered and compacted to at least 95% of the material's maximum dry density; and then gravel could be placed on top of the tested sand, and compacted.</p> <p>The project was completed on time and within budget.</p> </div> </div>						
						

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	<b>(1) FIRM NAME</b> <b>Tierra South Florida, Inc.</b>	<b>(2) FIRM LOCATION (City and State)</b> <b>West Palm Beach, FL</b>	<b>(3) ROLE</b> <b>Geotechnical Engineering &amp; Inspection Services</b>
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**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Raj Krishnasamy, P.E.	Project Manager, Principal Engineer	X	X	X	X	X	X	X	X	X	X
Francois Thomas, P.E.	Principal Engineer	X	X	X	X		X	X	X	X	X
Kumar Vedula, P.E.	Senior Geotechnical Engineer	X	X	X	X	X	X	X	X	X	X
N. Manoharan, Ph.D.	Senior Specialist		X	X	X				X		
Jose Oliva	Geotechnical Project Coordinator, CADD/GIS/Microstation	X	X	X	X	X	X	X	X	X	X
Wilson Gonzalez	Construction Materials Testing and Inspections Project Coordinator	X	X	X	X		X	X	X		

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Terminal 25 Expansion, Port Everglades, Florida	6	Animal Care and Adoption Facility, Broward County, Florida
2	I-75 Express Lanes – Segment A/B from NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, Florida	7	Broward College - South Campus Science Building, Pembroke Pines, Florida
3	ATMS Installation in Central Broward County FPID No.: 427971-1-52-01 Broward County, Florida	8	QAMT SOUTH RUNWAY Site Preparation & NAVAIDS Infrastructure, Fort Lauderdale – Hollywood International Airport, Broward County, Florida
4	Expansion of Runway 10R-28L – Fort Lauderdale-Hollywood International Airport, Broward County, Florida	9	West Lake Park Improvement Fort Lauderdale, Florida
5	BCWWS Gravity Sewer, Force Main, and Lift Station, UAZ 235 Improvement Project, Pompano Beach, Florida	10	City of Lauderhill Performing Arts Center and Library Broward County, Florida

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

### **Company Profile**

Tierra South Florida, Inc. is a multi-disciplinary geotechnical, materials engineering and inspection firm, offering professional engineering and associated consulting services to both the public and private sectors. The primary service areas are:

1. Geotechnical Engineering
2. Field and laboratory construction materials engineering inspection and testing
3. Threshold/Special Inspections

The geotechnical and materials engineering services provide clients with the comprehensive range of siting, planning, design, construction and quality control disciplines required for major construction projects. Mr. Raj Krishnasamy, P.E. qualifies as a minority by Federal Guidelines. Mr. Krishnasamy is a licensed Engineer with 31 years of experience in geotechnical, material engineering and inspection services. Tierra South Florida's primary market is minority business set aside by City, County, State and Federal agencies.

### **Geotechnical Engineering**

TSF can provide a complete range of geotechnical engineering services. Our organization helps define the construction and long-term performance risks associated with subsurface conditions. TSF will evaluate and then develop recommendations regarding both existing structures and new construction. Whether buildings, airport facilities, transportation systems, landfills, dams, or other civil and private projects, our engineers have the experience and expertise to handle the most technically demanding projects. TSF owns a large, diverse fleet of 8 drill rigs with automatic hammers (truck-mounted, track-mounted, rotary, tripod, ATV, barge/overwater) capable of drilling in challenging conditions including remote, soft, marshy, over-water, difficult access or environmentally sensitive areas. We also employ MOT (Maintenance of Traffic) certified staff to safely perform drilling services in high traffic areas. TSF's geotechnical services include:

- Laboratory testing and analysis
- Subsurface exploration
- Site preparation recommendations
- Soil reinforcement
- Expert witness testimony
- Value engineering
- Pavement evaluations and design
- Deep and shallow foundation analysis and design
- Slope stability analysis
- Corridor studies
- Sinkhole studies
- Unknown Foundation studies

### **Construction Materials Engineering and Testing**

TSF offers materials engineering, testing and inspection services applicable to the governmental, construction and manufacturing industries. During construction, monitoring and quality control services will cover every phase of construction and all materials used. TSF owns and operates two fully equipped in-house soils, concrete, aggregate, and asphalt testing laboratories certified by Construction Materials Engineering Council (CMEC). Both TSF labs follow American Society for Testing and Materials (ASTM) and American Association of State Highway and Transportation Officials (AASHTO) standards and our West Palm Beach laboratory is also validated by Florida Department of Transportation (FDOT) and the United States Army Corp of Engineers (USACE). Our field and laboratory technicians hold industry-recognized certifications (ACI/CTQP/PCI/FPCA) for aggregates, asphalt, concrete, and earthwork testing as well as drilled shaft, augercast pile, and pile driving installation monitoring. TSF's construction material testing and inspection services include:

- Soils/aggregates/concrete/masonry/asphalt
- Concrete testing and placement observation
- Asphalt paving monitoring
- MSE wall installation monitoring
- Drilled shaft installation monitoring
- Earthwork testing and observations
- Masonry, grout, and mortar sampling and testing
- Asphalt plant observations and monitoring
- Pre-stressed yard observations
- Pile driving installation monitoring

### **Laboratory Facilities**

TSF operates and owns 2 laboratory facilities to better meet the needs of its clients. These laboratories provide specialized testing services associated with geotechnical, engineering, and construction materials. TSF's laboratory facilities are designed and operated to provide fast, reliable information to assure the meeting of client's needs. The geotechnical operations of TSF are supported by state-of-the-art soil testing capabilities. TSF has a laboratory for the testing of non-contaminated soils and materials. The trained and certified laboratory staff will routinely perform physical properties testing of soil, rock, concrete, steel, asphalt, and composite building materials. These testing services are performed in support of all project phases, including site investigations and assessments, design, and construction. Our in-house testing laboratories follow American Society for Testing and Materials (ASTM) and American Association of Highway and Transportation (AASHTO) standards, and are certified by Construction Material Engineering Council, Inc. (CMEC), TSF's main laboratory is also validated by the Florida Department of Transportation (FDOT) and The United States Army Corp of Engineers (USACE). Our firm currently holds technical certifications to perform Geotechnical Engineering and Construction Materials Testing Services with the FDOT, Palm Beach County, Broward County, Miami-Dade County, as well as other agencies.

### **Building Inspection**

TSF also provides building inspection services to public and private clients; our services include:

- Threshold/special inspections
- Roof installation observations
- Welding inspections
- Floor flatness testing
- Non-destructive testing
- Torque testing and inspections
- Fire proofing testing



**Corporate and Project Management Philosophy**

The TSF organization is committed to minimizing corporate administrative control which allows both branch management and specific technical teams to take correct and timely actions to meet the objectives of their clients. Employees stress quality, responsive services in which they will take a great deal of pride. Client satisfaction with the quality of TSF's work, past and future, will result in a large percentage of work to be performed for repeat clients.

**Interaction with Regulatory Agencies**

Tierra South Florida has an excellent working relationship with the Florida Department of Transportation as well as the South Florida Water Management District. When working within right of way of these agencies, Tierra South Florida will submit an application for request of work permit and obtain the proper authorization prior to proceeding with work. Tierra South Florida will then follow up with a meeting to explain the scope in detail and notify the agency at completion.

**CONTINUING CONTRACT EXPERIENCE**

TSF has a history of maintaining strong working relationships with our clients and successfully retaining contracts through numerous extensions. We are extremely familiar with the demands of continuing contracts and working with various public agencies. Our continuing contract experience and successful retentions of those contracts proves TSF's ability to respond quickly to work orders and provide quality service. ***TSF's prominent continuing contract experience as a prime consultant includes:***

- Palm Beach County: Construction Materials Testing, Geotechnical Engineering & Inspection Services
- Broward County: Qualified Vendors List for Professional Consultant Services (Geotechnical Engineering)
- Miami-Dade County: Equitable Distribution Program for Geotechnical and Material Testing Services
- South Florida Water Management District: Geotechnical Engineering and Testing Services
- City of Miramar: Architectural and Engineering Consulting Services Construction Testing and Inspections
- City of Sunrise: Geotechnical and Engineering Testing Services
- City of West Palm Beach: General Engineering Services – Geotechnical Analysis
- City of Lake Worth: Geotechnical Engineering
- City of Boca Raton: Geotechnical Engineering and Laboratory Testing Services
- Town of Jupiter Utilities: Geotechnical Engineering and Construction Materials Testing Consulting
- City of Palm Beach Gardens: Continuing Contracts for Professional Services for Geotechnical Analysis
- City of Dania Beach: Geotechnical Engineering Services Annual Contract
- City of North Lauderdale: Geotechnical Engineering Services Annual Contract
- City of Marathon: Continuing Engineering Services Agreement
- Solid Waste Authority: Misc. Geotechnical Engineering and Construction Materials Testing Services
- Florida Atlantic University: Geotechnical Services
- Palm Beach State College: Geotechnical Engineering Services Annual Contract
- Miami Dade College: Geotechnical Services Annual Contract
- School District of Palm Beach County: Geotechnical Engineering and Construction Materials Testing
- School District of Palm Beach County: Threshold Inspection Services
- School Board of Brevard County: Continuing Contract for Geotechnical and Material Testing Services
- School Board of Martin County: Construction Materials Testing and Building Threshold Inspections
- St. Lucie County School District: Continuing Contracts for Geotechnical & Materials Testing Services

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

July 23, 2018

33. NAME AND TITLE

Raj Krishnasamy, P.E., President/Principal Engineer



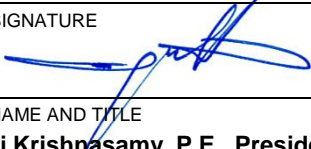
**ARCHITECT ENGINEER QUALIFICATIONS**

1. SOLICITATION NUMBER (If any)

**PSEN-18-02****PART II - GENERAL QUALIFICATIONS***(If a firm has branch offices, complete for each specific branch office seeking work.)*

2a. FIRM (OR BRANCH OFFICE) NAME <b>TIERRA SOUTH FLORIDA, INC.</b>				3. YEAR ESTABLISHED <b>2003</b>		4. DUNS NUMBER <b>829296222</b>	
2b. STREET <b>2765 Vista Parkway, Suite 10</b>				5. OWNERSHIP			
2c. CITY <b>West Palm Beach</b>		2d. STATE <b>FL</b>		2e. ZIP CODE <b>33411</b>		a. TYPE <b>Corporation</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>Raj Krishnasamy, P.E., President/Principal Engineer</b>				b. SMALL BUSINESS STATUS <b>FDOT UCP DBE Florida Statewide OSD MBE</b>			
6b. TELEPHONE NUMBER <b>(561) 687-8536</b>		6c. E-MAIL ADDRESS <b>Raj@TierraSF.com</b>		7. NAME OF FIRM (If block 2a is a branch office) <b>N/A</b>			
8a. FORMER FIRM NAME(S) (If any) <b>N/A</b>				8b. YR. ESTABLISHED <b>N/A</b>		8c. DUNS NUMBER <b>N/A</b>	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)	
		(1) FIRM	(2) BRANCH				
2	Administrative	6	6	S05	Soils and Geologic Studies; Foundations	6	
8	CADD Technician	2	2	T02	Testing and Inspection Services	6	
27	Foundation/Geotechnical Eng	5	5				
58	Technician/Analyst	30	30				
58	Technician/Inspector	6	6				
Total		49	49				
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER					
a. Federal Work		6		1. Less than \$100,000.			
b. Non-Federal Work		6		2. \$100,000 to less than \$250,000			
c. Total Work		6		3. \$250,000 to less than \$500,000			
				4. \$500,000 to less than \$1 million			
				5. \$1 million to less than \$2 million			
				6. \$2 million to less than \$5 million			
				7. \$5 million to less than \$10 million			
				8. \$10 million to less than \$25 million			
				9. \$25 million to less than \$50 million			
				10. \$50 million or greater			

12. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

a. SIGNATURE 		b. DATE <b>July 23, 2018</b>	
c. NAME AND TITLE <b>Raj Krishnasamy, P.E., President/Principal Engineer</b>			





**Tab 3 – Certified Minority Business**

TSF is a certified MBE with the Office of Supplier Diversity. Please see attached certificate.

# State of Florida

## Minority Business Certification

Tierra South Florida, Inc.

Is certified under the provisions of  
287 and 295.187, Florida Statutes, for a period from:

11/01/2017 to 11/01/2019



Erin Rock, Secretary  
Florida Department of Management Services

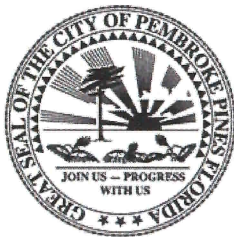


FLORIDA DEPARTMENT OF MANAGEMENT SERVICES  
office of supplier  
DIVERSITY  
We serve those who serve Florida

**Tab 4 – Other Completed Documents**

- ✓ **Attachment B: Vendor Information form and W9 (attached)**
- ✓ Attachment C: Non-Collusive Affidavit (Attached & Submitted electronically via BidSync)
- ✓ Attachment D: Sworn Statement on Public Entity Crimes Form (Attached & Submitted electronically via BidSync)
- ✓ Attachment E: Contact Information Form (Attached & Submitted electronically via BidSync)
- ✓ Attachment F: Professional Services Form (Attached & Submitted electronically via BidSync)
- ✓ Attachment G: Equal Benefits Certification Form (Attached & Submitted electronically via BidSync)
- ✓ **Attachment H: Vendor Drug-Free Workplace Certification Form (attached)**
- ✓ **Attachment I: Proposer's Completed Qualification Statement (attached)**
- ✓ Attachment L: Scrutinized Company Certification (Attached & Submitted electronically via BidSync)



(OFFICE USE ONLY) Vendor number: 

Please entirely complete this vendor information form along with the IRS Form W-9, and email to [accountspayable@ppines.com](mailto:accountspayable@ppines.com)

**City of Pembroke Pines**  
**Finance Department**  
**601 City Center Way**  
**Pembroke Pines, FL 33025**

## Vendor Information Form

Operating Name (Payee)	Tierra South Florida, Inc.		
Legal Name (as filed with IRS)	Tierra South Florida, Inc.		
Remit-to Address (For Payments)	2765 Vista Parkway, Suite 10		
	West Palm Beach, FL 33411		
Remit-to Contact Name:	Ms. Dominique Bennett	Title:	Professional Services Manager
Email Address:	DBennett@Tierrasf.com		
Phone #:	561-687-8536	Fax #	561-687-8570
Order-from Address (For purchase orders)	2765 Vista Parkway, Suite 10		
	West Palm Beach, FL 33411		
Order-from Contact Name:	Mr. Raj Krishnasamy, P.E.	Title:	President
Email Address:	Raj@Tierrasf.com / BFunt@Tierrasf.com		
Phone #:	561-687-8536	Fax #	561-687-8570
Return-to Address (For product returns)			
Return-to Contact Name		Title:	
Email Address:			
Phone #:		Fax #	
Payment Terms:			

**Type of Business** (please check one and provide Federal Tax identification or social security Number)

☒ Corporation

**Federal ID Number:**

20-0282450

☐ Sole Proprietorship/Individual

**Social Security No.:**

☐ Partnership

☐ Health Care Service Provider

☐ LLC – C (C corporation) – S (S corporation) – P (partnership)

☐ Other (Specify):

**Name & Title of Applicant** Raj Krishnasamy, P.E. / President

**Signature of Applicant**

**Date** 7/17/2018

Form **W-9**(Rev. November 2017)  
Department of the Treasury  
Internal Revenue Service**Request for Taxpayer  
Identification Number and Certification**► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.**Give Form to the  
requester. Do not  
send to the IRS.**

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.**Tierra South Florida, Inc.****2** Business name/disregarded entity name, if different from above**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) ►**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.**2765 Vista Parkway, Suite 10****6** City, state, and ZIP code**West Palm Beach, FL 33411****7** List account number(s) here (optional)

Requester's name and address (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**

2	0	-	0	2	8	2	4	5	0
---	---	---	---	---	---	---	---	---	---

**Part II Certification**

Under penalties of perjury, I certify that:

- 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
- 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
- I am a U.S. citizen or other U.S. person (defined below); and
- 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 ►

Date ►

**7/23/18****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](http://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.



## Supplier Response Form



City of Pembroke Pines

Attachment C

### NON-COLLUSIVE AFFIDAVIT

BIDDER is the Owner

(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature Raj Krishnasamy, P.E.

\*

Title President

Name of Company Tierra South Florida

\*

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

## Supplier Response Form



City of Pembroke Pines

Attachment D

### SWORN STATEMENT ON PUBLIC ENTITY CRIMES UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).

1. This sworn statement is submitted Tierra South Florida (name of entity submitting sworn statement) whose business address is 2765 Vista Parkway, Suite 10, West Palm Beach, FL and (if applicable) its Federal Employer Identification Number (FEIN) is 20-0282450 . (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)
2. My name is Raj Krishnasamy, P.E. and my  
(Please print name of individual signing)  
relationship to the entity named above is Owner .
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which



otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, **AND (Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

Raj Krishnasamy, P.E.  
Bidder's Name/Signature

\* Tierra South Florida  
Company

\* 7/16/2018  
Date

\*

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

Username **BonniTSF**

Password

\*



**Supplier Response Form**  
**CONTACT INFORMATION FORM**

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “Professional Service Providers (Architectural, Engineering, Surveying & Mapping)” attached hereto as a part hereof, the undersigned submits the following:

**A) Contact Information**

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through [www.bidsync.com](http://www.bidsync.com) as part of the bidder's submittal.

**COMPANY INFORMATION:**

COMPANY: Tierra South Florida

STREET ADDRESS: 2765 Vista Parkway, Suite 10

CITY, STATE & ZIP CODE: West Palm Beach, Florida 33411

**PRIMARY CONTACT FOR THE PROJECT:**

NAME: Raj Krishnasamy, P.E.

TITLE: President

E-MAIL: Raj@Tierrasf.com

TELEPHONE: 561-687-8536

FAX: 561-687-8570

**CORPORATE OFFICER AUTHORIZED APPROVER:**

NAME: Raj Krishnasamy, P.E.

TITLE: President

E-MAIL: Raj@Tierrasf.com

TELEPHONE: 561-687-8536

FAX: 561-687-8570

SIGNATURE: Raj Krishnasamy, P.E.

---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

## Supplier Response Form

### PROFESSIONAL SERVICES FORM

*Please check the boxes shown below that your company wants to be considered for:*

<input type="checkbox"/>	General Civil and Environmental Engineering Services
<input type="checkbox"/>	Treatment Plant Process Engineering Services
<input type="checkbox"/>	Electrical Engineering Services
<input checked="" type="checkbox"/>	Geotechnical Services
<input type="checkbox"/>	Structural Engineering Services
<input type="checkbox"/>	Land Surveying Services
<input type="checkbox"/>	General Architectural Services
<input type="checkbox"/>	Landscape Architecture Services
<input type="checkbox"/>	Hydro-Geological Services
<input type="checkbox"/>	FDOT Roadway Engineering Services

**Please enter your password below and click Save to update your response.**

**Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature.** (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

Username **BonniTSF**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields

## Supplier Response Form



City of Pembroke Pines

Attachment G

### EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

**"During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples".**

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

#### SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.



5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

## SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award: or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME: Tierra South Florida

AUTHORIZED OFFICER NAME / SIGNATURE: Raj Krishnasamy, P.E.

Please enter your password below and click Save to update your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an



## VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM

### SECTION 1 GENERAL TERM

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

**IDENTICAL TIE BIDS** - Preference may be given to businesses with drug-free workplace programs. Whenever two or more bids that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drugfree workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after each conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

### SECTION 2 AFFIRMATION

☒ Place a check mark here only if affirming bidder **complies fully** with the above requirements for a Drug-Free Workplace.

☐ Place a check mark here only if affirming bidder **does not** meet the requirements for a Drug-Free Workplace.

**Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for Drug-Free Workplace Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for Drug-Free Workplace Preference based on their sub-contractors' qualifications.**

Authorized Signature

Raj Krishnasamy, P.E. / President  
Authorized Signer Name

Tierra South Florida, Inc.  
Company Name





### **PROPOSER'S QUALIFICATIONS STATEMENT**

PROPOSER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. Additional sheets shall be attached as required.

PROPOSER'S Name and Principal Address:

Tierra South Florida, Inc. (TSF)

2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411

Contact Person's Name and Title: Raj Krishnasamy, P.E. / President

Contact Person's E-mail Address: Raj@Tierrasf.com

PROPOSER'S Telephone and Fax Number: 561-687-8536 / 561-687-8570

PROPOSER'S License Number: CA 28073

**(Please attach certificate of status, competency, and/or state registration.)**

PROPOSER'S Federal Identification Number: 20-0282450

Number of years your organization has been in business 15 years

State the number of years your firm has been in business under your present business name 10 years

State the number of years your firm has been in business in the work specific to this solicitation:  
15 years

Names and titles of all officers, partners or individuals doing business under trade name:

Raj Krishnasamy, P.E., President

The business is a:      Sole Proprietorship ☐      Partnership ☐      Corporation ☒

IF USING A FICTITIOUS NAME, SUBMIT EVIDENCE OF COMPLIANCE WITH FLORIDA FICTITIOUS NAME STATUTE. (ATTACH IN PROPOSER EXHIBIT SECTION)



Under what former name has your business operated? Include a description of the business. Failure to include such information shall be deemed to be intentional misrepresentation by the City and shall render the proposer RFP submittals non-responsive.

Tierra South Florida, Inc. was originally established as a corporation in the State of Florida on Oct. 17, 2003 under the name Raj & Associates, Inc. The corporation was operationally inactive until 2008 when it launched full operations under the name Tierra South Florida, Inc. Later, Tierra South Florida purchased the local branch of Tierra, Inc. Our professional team has been working together since 2000.

At what address was that business located?

Tierra Inc. was located at 2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411

Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

Not Applicable

Have you ever failed to complete work awarded to you. If so, when, where and why?

Not Applicable

Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

yes



Will you subcontract any part of this WORK? If so, give details including a list of each subcontractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Not Applicable

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The foregoing list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.

List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

Not Applicable

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List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

Not Applicable

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List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.

Not Applicable

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List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.

Not Applicable

Has the Proposer, its principals, officers or predecessor organization(s) been CONVICTED OF A Public Entity Crime, debarred or suspended from bidding by any government entity? If so, provide details.

Not Applicable

Are you an ☒ Original provider ☐ sales representative ☐ distributor, ☐ broker, ☐ manufacturer ☐ other, of the commodities/services proposed upon? If other than the original provider, explain below.

Have you ever been debarred or suspended from doing business with any governmental agency? If yes, please explain:

Not Applicable



Describe the firm's local experience/nature of service with contracts of similar size and complexity, in the previous three (3) years:

TSF currently provides geotechnical engineering, materials testing and inspection services through continuing contracts to numerous public entities, we are therefore, extremely familiar with the practices, procedures and processes of Local Government. Over 60% of our daily workload is based on continuing contracts. Throughout TSF's experience as the prime consultant for task-based continuing contracts, TSF implements proven strategies to respond to the demands and unknown scheduling that are unique to these contracts. Our continuing contract experience and successful retentions of those contracts proves TSF's ability to respond quickly to work orders and provide quality service. TSF's prominent continuing contract experience as a prime consultant includes but is not limited to: South Florida Water Management District; Miami-Dade County: Equitable Distribution Program for Geotechnical Engineering and Material Testing Services; City of Miramar: Architectural and Engineering Consulting Services Construction Testing and Inspections; City of Sunrise: Geotechnical and Engineering Testing Services; City of Dania Beach: Geotechnical Engineering Services Agreement; City of North Lauderdale: Geotechnical Engineering and Testing Services; and Broward County: Qualified Vendors List for Professional Consultant Services (Geotechnical Engineering)

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER'S qualifications to perform under the contract shall cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

Tierra South Florida, Inc.  
 (Company Name)  
 Raj Krishnasamy, P.E. / President  
 (Printed Name/Signature)



## Supplier Response Form



City of Pembroke Pines

Attachment L

### SCRUTINIZED COMPANY CERTIFICATION PURSUANT TO FLORIDA STATUTE § 287.135

I, **Raj Krishnasamy, P.E. President**, on behalf of **Tierra South Florida**,  
 Print Name and Title Company Name

certify that

Tierra South Florida

Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

Tierra South Florida  
Company Name

Raj Krishnasamy, P.E.  
Print Name / Signature

President  
Title

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

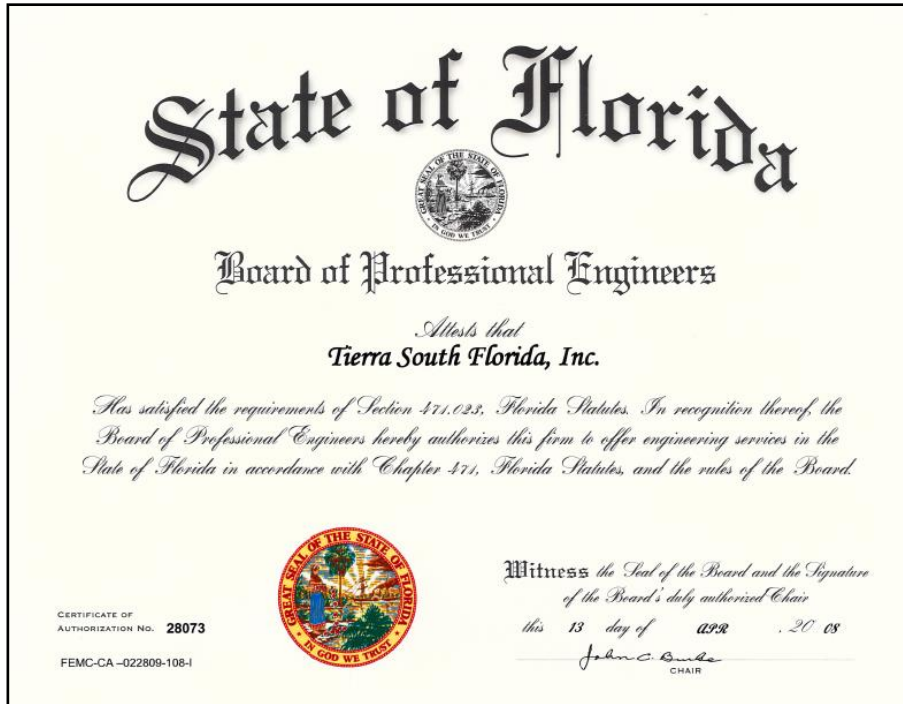
- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **BonniTSF**

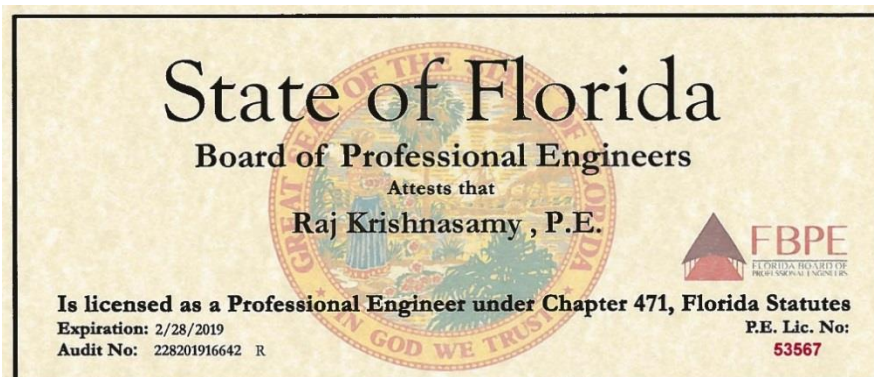
**Tab 5 – Professional Registration Certificates**

See attached for TSF Professional Licenses



**Tierra South Florida, Inc.**

State of Florida Board of Professional Engineers - Certificate of Authorization License No.: 28073



**Raj Krishnasamy, P.E.**

State of Florida Board of Professional Engineers - P.E. License No.: 53567



# *State of Florida*

## *Department of State*

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 2, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Second day of January, 2018*

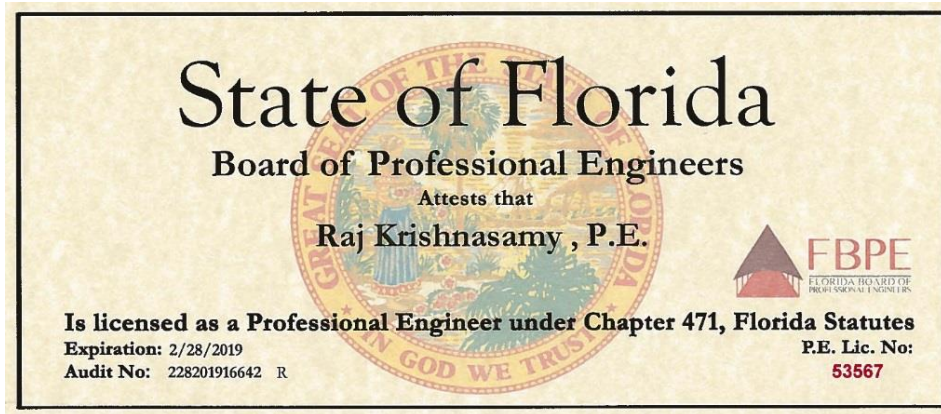


*Ken Detjen*  
**Secretary of State**

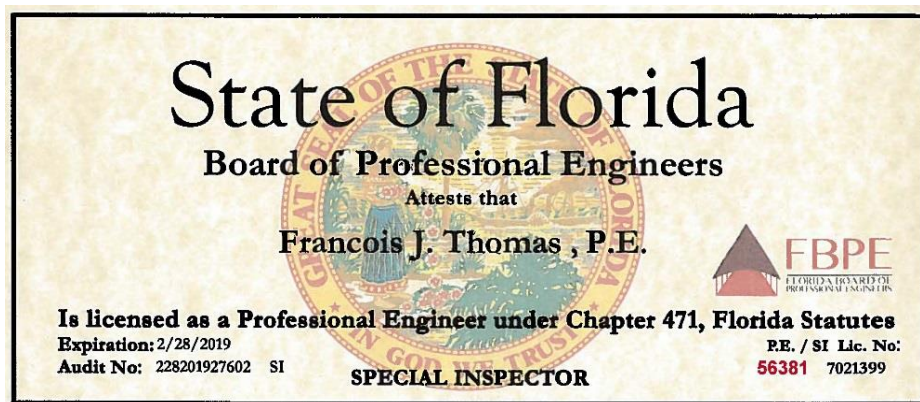
Tracking Number: CC2804829417

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

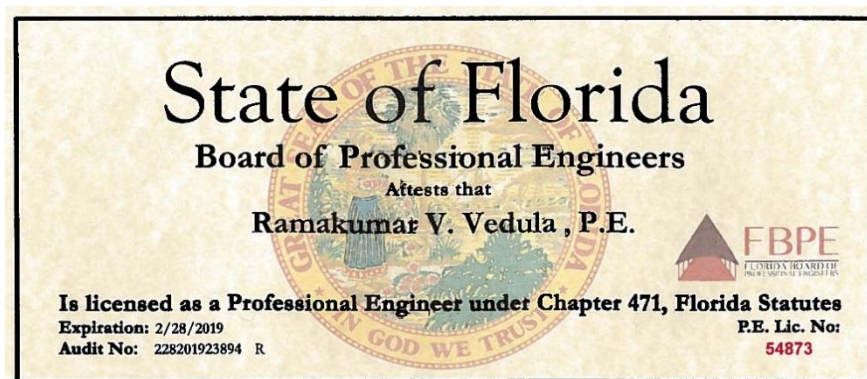
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



**Raj Krishnasamy, P.E.**  
State of Florida Board of Professional Engineers  
P.E. License No.: 53567

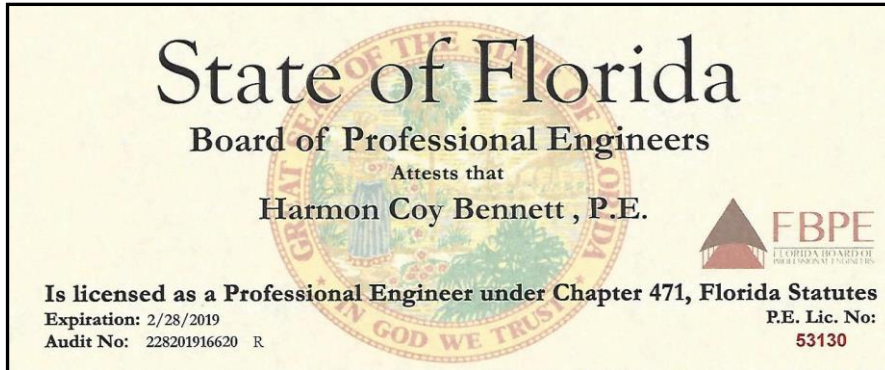


**Francois J. Thomas, P.E.**  
State of Florida Board of Professional Engineers  
P.E. License No.: 56381  
SI License No.: 7021399

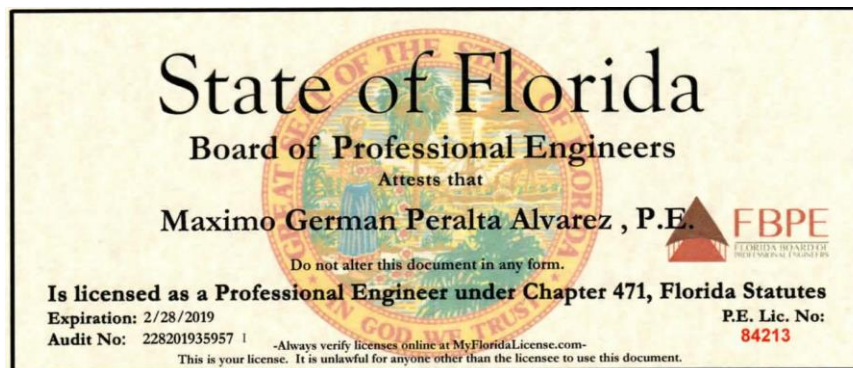


**Ramakumar "Kumar" V. Vedula, P.E.**  
State of Florida Board of Professional Engineers  
P.E. License No.: 54873





**Harmon Bennett, P.E.**  
State of Florida Board of Professional Engineers  
P.E. License No.: 53130



**Maximo Peralta, P.E.**  
State of Florida Board of Professional Engineers  
P.E. License No.: 84213

Supplier: **Tierra South Florida, Inc.**



City of Pembroke Pines

Attachment C

**NON-COLLUSIVE AFFIDAVIT**

BIDDER is the **Owner**,

(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature **Raj Krishnasamy, P.E.**

Title **President**

Name of Company **Tierra South Florida**

Supplier: **Tierra South Florida, Inc.**



City of Pembroke Pines

Attachment D

**SWORN STATEMENT  
ON PUBLIC ENTITY CRIMES  
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted **Tierra South Florida** (name of entity submitting sworn statement) whose business address is **2765 Vista Parkway, Suite 10, West Palm Beach, FL** and (if applicable) its Federal Employer Identification Number (FEIN) is **20-0282450**. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)
2. My name is **Raj Krishnasamy, P.E.** and my  
(Please print name of individual signing)  
  
relationship to the entity named above is **Owner**.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any

natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

**Raj Krishnasamy, P.E.**  
Bidder's Name/Signature

**Tierra South Florida**  
Company

**7/16/2018**  
Date

**Supplier: Tierra South Florida, Inc.**

**CONTACT INFORMATION FORM**

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

**A) Contact Information**

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through [www.bidsync.com](http://www.bidsync.com) as part of the bidder's submittal.

**COMPANY INFORMATION:**

COMPANY: **Tierra South Florida**

STREET ADDRESS: **2765 Vista Parkway, Suite 10**

CITY, STATE & ZIP CODE: **West Palm Beach, Florida 33411**

**PRIMARY CONTACT FOR THE PROJECT:**

NAME: **Raj Krishnasamy, P.E.** TITLE: **President**

E-MAIL: **Raj@Tierrasf.com**

- TELEPHONE: **561-687-8536** FAX: **561-687-8570**

**CORPORATE OFFICER AUTHORIZED APPROVER:**

NAME: **Raj Krishnasamy, P.E.** TITLE: **President**

E-MAIL: **Raj@Tierrasf.com**

- TELEPHONE: **561-687-8536** FAX: **561-687-8570**

SIGNATURE: **Raj Krishnasamy, P.E.**



Supplier: **Tierra South Florida, Inc.**

**PROFESSIONAL SERVICES FORM**

*Please check the boxes shown below that your company wants to be considered for:*

<input type="checkbox"/>	<b>General Civil and Environmental Engineering Services</b>
<input type="checkbox"/>	<b>Treatment Plant Process Engineering Services</b>
<input type="checkbox"/>	<b>Electrical Engineering Services</b>
<input checked="" type="checkbox"/>	<b>Geotechnical Services</b>
<input type="checkbox"/>	<b>Structural Engineering Services</b>
<input type="checkbox"/>	<b>Land Surveying Services</b>
<input type="checkbox"/>	<b>General Architectural Services</b>
<input type="checkbox"/>	<b>Landscape Architecture Services</b>
<input type="checkbox"/>	<b>Hydro-Geological Services</b>
<input type="checkbox"/>	<b>FDOT Roadway Engineering Services</b>

Supplier: **Tierra South Florida, Inc.**



City of Pembroke Pines

Attachment G

## **EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES**

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

**“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.**

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

### **SECTION 1 DEFINITIONS**

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are

located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

## SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award:  
or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

**The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.**

COMPANY NAME: **Tierra South Florida**

AUTHORIZED OFFICER NAME / SIGNATURE: **Raj Krishnasamy, P.E.**



**Supplier: Tierra South Florida, Inc.**



City of Pembroke Pines

Attachment L

**SCRUTINIZED COMPANY CERTIFICATION  
PURSUANT TO FLORIDA STATUTE § 287.135**

I, **Raj Krishnasamy, P.E.** on behalf of **Tierra South Florida,**  
**President,**  
 Print Name and Title Company Name

certify that **Tierra South Florida**  
 Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

**Tierra South Florida**  
 Company Name

**Raj Krishnasamy, P.E.**  
 Print Name / Signature

**President**  
 Title

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