



## LONGITUDE SURVEYORS

Response to The City of Hollywood  
Community Redevelopment Agency (CRA)  
Request For Qualifications to  
**PROVIDE SURVEYING AND MAPPING  
CONSULTING SERVICES**  
to the CRA For  
**PHASE IV STREETSCAPE & A1A**  
**BCRA 19-001**







Show the Request for Qualifications subject, the name of your firm, address, telephone number, name of contact person and date.

## **REQUEST FOR QUALIFICATIONS:**

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City of Hollywood - Community Redevelopment Agency (CRA)  
Request For Qualifications to  
**PROVIDE SURVEYING AND MAPPING CONSULTING SERVICES**  
for **PHASE IV STREETScape & AIA**

**BCRA 19-001**

## **FIRM INFORMATION:**

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LONGITUDE SURVEYORS, LLC

3323 W Commercial Blvd  
Suite 250  
Fort Lauderdale, FL 33309

T: 305-463-0912 | F: 305-513-5680

## **CONTACT PERSON:**

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Dan Ferrera,  
Broward Branch Manager

## **DATE:**

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August 27, 2019



# TABLE OF CONTENTS



|                        |   |
|------------------------|---|
| TABLE OF CONTENTS..... | 3 |
|------------------------|---|



|                              |   |
|------------------------------|---|
| 1 LETTER OF TRANSMITTAL..... | 5 |
|------------------------------|---|



|   |   |
|---|---|
| 2 REQUIRED FORMS 330 + CERTIFICATES ... | 9 |
|---|---|



|   |    |
|---|----|
| 3 PROFILE OF FIRM ITEMS A-C OVERVIEW..... | 29 |
|---|----|



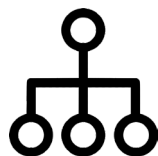
|                              |    |
|------------------------------|----|
| 3 D - SIMILAR EXPERIENCE.... | 35 |
|------------------------------|----|



|                               |    |
|-------------------------------|----|
| 3 E - LITIGATION HISTORY..... | 53 |
|-------------------------------|----|



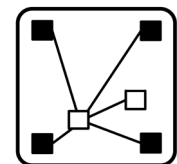
|                            |    |
|----------------------------|----|
| 3 F - STAFF EXPERIENCE.... | 55 |
|----------------------------|----|



|                                     |    |
|-------------------------------------|----|
| 3 G - TEAM ORGANIZATION + ROLE..... | 71 |
|-------------------------------------|----|



|                                   |    |
|-----------------------------------|----|
| 3 H- MUNICIPAL SUPPORT STAFF..... | 75 |
|-----------------------------------|----|



|                             |    |
|-----------------------------|----|
| 3 I - PROJECT APPROACH..... | 77 |
|-----------------------------|----|

**LETTER OF TRANSMITTAL**

**FORMS - 330 + COI**

**PROFILE OF FIRM**

**FIRM EXPERIENCE**

**LITIGATION HISTORY**

**STAFF EXPERIENCE**

**ORGANIZATIONAL CHART**

**MUNICIPAL STAFF**

**PROJECT APPROACH**



1



## LETTER OF TRANSMITTAL



# LETTER OF TRANSMITTAL



City of Hollywood  
City Clerk's Office - City Hall  
2600 Hollywood Boulevard - Room 221  
Hollywood, Florida, 33020

RE: RFQ BCRA 19-001 SURVEYING AND MAPPING CONSULTING SERVICES / PHASE IV STREETScape & A1A

Dear Selection Committee Members:

Longitude Surveyors, LLC is pleased to offer our qualifications to the City of Hollywood for the Community Redevelopment Agency's (CRA) request for consulting services to provide Surveying and Mapping for project BCRA 19-001, Phase IV Streetscape & A1A.

The Longitude Team is confident in **pledging to deliver an unparalleled level of commitment and professionalism to ensure the successful outcome of this important project.** We commit to providing service superior to the industry norm as we deliver your project on time and within budget.

As a well established surveying firm for more than 15 years in South Florida, we have had the opportunity to have worked on hundreds of municipal projects. Our portfolio of work supports our technical certifications in 15.01 Land Surveying, 15.02 Aerial Photogrammetry, 15.03 SUE, 8.1 Control Surveying, 8.2 Design, ROW and Construction Surveying and 8.4 Right of Way Mapping. Much of which will be utilized in servicing the scope of work targeted in this contract. We understand the current scope to potentially include design surveys, construction layouts, boundary surveys, preparation of sketches and legal descriptions, mapping, AutoCAD drafting, calculations and other related survey and mapping projects. All of which we can complete with emphasis on our ability to offer full Surveying and Mapping Services using our experienced in-house staff.

We are looking forward to working together with you on this project. Should you have any questions, please do not hesitate to contact me or any of the additionally named team members anytime. Thank you for this opportunity.

Sincerely,  
Longitude Surveyors, LLC

Daniel Ferrera  
Broward Branch Manager

## PERSONS AUTHORIZED TO MAKE REPRESENTATION:

**Edwardo Suarez PSM** - Principal, 7769 NW 48 Street, Suite 375 Doral, FL - 786.202.1753

**Pedro Gonzalez, PSM** - CEO, 7769 NW 48 Street, Suite 375 Doral, FL - 786.631.2361

**Jackie Subia** - 7769 NW 48 Street, Suite 375 Doral, FL- 305.463.0912

**John H. Adler III, PSM** - Project Manager/Field Operations 7769 NW 48 Street, Suite 375 Doral, FL 561.718.313.

**Daniel Ferrera** - Branch Manager, 3323 W Commercial Blvd., Suite 250 Fort Lauderdale, FL 305.463.0912







2



## REQUIRED FORMS

SF FORM 330  
LICENSES + CERTIFICATES  
CERTIFICATE OF INSURANCE



# REQUIRED FORMS

SF 330



| <b>ARCHITECT – ENGINEER QUALIFICATIONS</b>                                   |         |                      |  |  |  |                            |
|--|---------|----------------------|--|--|--|----------------------------|
| <b>PART I – CONTRACT-SPECIFIC QUALIFICATIONS</b>                             |         |                      |  |  |  |                            |
| <b>A. CONTRACT INFORMATION</b>   |         |                      |  |  |  |                            |
| <b>1. TITLE AND LOCATION</b> <i>(City and State)</i>                         |         |                      |  |  |  |                            |
| City of Hollywood - Surveying & Mapping Services                             |         |                      |  |  |  |                            |
| <b>2. PUBLIC NOTICE DATE</b>   |         |                      | <b>3. SOLICITATION OR PROJECT NUMBER</b> |  |  |                            |
| 07/30/2019   |         |                      | BCRA 19-001                              |  |  |                            |
| <b>B. ARCHITECT-ENGINEER POINT OF CONTACT</b>                                |         |                      |  |  |  |                            |
| <b>4. NAME AND TITLE</b>   |         |                      |  |  |  |                            |
| Eduardo M. Suarez, PSM / Longitude Surveyors, LLC                            |         |                      |  |  |  |                            |
| <b>5. NAME OF FIRM</b>   |         |                      |  |  |  |                            |
| Longitude Surveyors LLC  |         |                      |  |  |  |                            |
| <b>6. TELEPHONE NUMBER</b>   |         | <b>7. FAX NUMBER</b> |  | <b>8. E-MAIL ADDRESS</b>                                 |  |                            |
| 305.463.0912   |         | 305.513.5680         |  | esuarez@longitudefl.com                                  |  |                            |
| <b>C. PROPOSED TEAM</b>  |         |                      |  |  |  |                            |
| (Complete this section for the prime contractor and all key subcontractors.) |         |                      |  |  |  |                            |
|  | (Check) |                      |  | 9. FIRM NAME   | 10. ADDRESS  | 11. ROLE IN THIS CONTRACT  |
|  | PRIME   | J-V PARTNER          | SUBCONTRACTOR                            |  |  |                            |
| <b>a.</b>  | X       |                      |  | Longitude Surveyors, LLC<br><br>x CHECK IF BRANCH OFFICE | 3323 W Commercial Blvd,<br>Suite 250<br>Fort Lauderdale, FL 33309<br>Tel: 305-463-0912 | Land Surveyors and Mappers |
| <b>b.</b>  |         |                      |  | <input type="checkbox"/> CHECK IF BRANCH OFFICE          |  |                            |
| <b>c.</b>  |         |                      |  | <input type="checkbox"/> CHECK IF BRANCH OFFICE          |  |                            |
| <b>d.</b>  |         |                      |  | <input type="checkbox"/> CHECK IF BRANCH OFFICE          |  |                            |
| <b>e.</b>  |         |                      |  | <input type="checkbox"/> CHECK IF BRANCH OFFICE          |  |                            |
| <b>f.</b>  |         |                      |  | <input type="checkbox"/> CHECK IF BRANCH OFFICE          |  |                            |
| <b>g.</b>  |         |                      |  | <input type="checkbox"/> CHECK IF BRANCH OFFICE          |  |                            |
| <b>D. ORGANIZATIONAL CHART OF PROPOSED TEAM</b>                              |         |                      |  |  |  |                            |
| Organizational Chart of Proposed Team is found on page 71                    |         |                      |  |  |  |                            |
| AUTHORIZED FOR LOCAL REPRODUCTION  |         |                      |  |  |  |                            |
| STANDARD FORM 330  |         |                      |  |  |  |                            |

| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT  |  |  |                              |
|---|--|--|------------------------------|
| (Complete one Section E for each key person.)   |  |  |                              |
| 12. NAME  | 13. ROLE IN THIS CONTRACT  | 14. YEARS EXPERIENCE   |                              |
|   |  | a. TOTAL   | b. WITH CURRENT FIRM         |
| Eduardo M. Suarez, PSM  | Principal Surveyor   | 33   | 15                           |
| 15. FIRM NAME AND LOCATION (City and State)   |  |  |                              |
| Longitude Surveyors, LLC  |  |  |                              |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)   |  | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) |                              |
| Associate in Science in Engineering Studies   |  | Professional Surveyor and Mapper, State of Florida, LS6313   |                              |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)   |  |  |                              |
| Florida Surveying and Mapping Society; Florida Engineering Society; Utility & Engineering Surveying Institute   |  |  |                              |
| 19. RELEVANT PROJECTS   |  |  |                              |
| a.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   | City of Hallandale Beach RFP #FY2013-2014-006-Proposed 8-Inch PVC Water Main Improvement along Foster Road   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|   |  | 2019   |                              |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm |  |                              |
| Principal Surveyor/Principal in Charge; Scope included preparation of a Topographic Survey and Sub -Surface Underground Utility Engineering Services; Right-of-Way and property lines shown graphically; a graphical baseline; location of overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and other significant above-ground improvements within project limits; Longitude Surveyors located trees and palms; collected elevations equivalent to a 100-foot grid, extending 100 feet in each direction at intersections; LS prepared a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations, and inverts of drainage and sanitary structures. LS set temporary benchmarks (TBM's) outside the project limits, where they can be used by the contractor during construction. Control points were established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88; Longitude performed Sub-Surface Utility Engineering services, ten (1) soft digs along Foster Road.  |  |  |                              |
| b.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   | Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|   |  | 2018-2019  |                              |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm |  |                              |
| Principal Surveyor/Principal in Charge; Longitude Surveyors (LS) prepared a Topographic/Bathymetric Survey and performed Sub-Surface Utility Engineering Services. Scope of Work included right-of-way and property lines for the project area shown graphically; Included a graphical baseline; location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; elevations were taken equivalent to a 25-foot grid; Longitude performed Survey 50 feet in each direction at intersections within project limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; LS established control points with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs; LS performed a Bathymetric Survey of the intracoastal within project limits. |  |  |                              |
| c.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   | P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|   |  | 2019   |                              |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm |  |                              |
| Principal Surveyor/Principal in Charge; Longitude Surveyors prepared a Topographic/Bathymetric Survey and performed Sub-Surface Underground Engineering Services (SUE) soft digs to include the following tasks: Right-of-Way and property lines for the project area shown graphically; LS prepared a graphical baseline; LS provided location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; LS collected elevations equivalent to a 25-foot grid; Longitude performed Survey extending 50 feet in each direction at every intersection within limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; All elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs.                              |  |  |                              |
| d.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |

# REQUIRED FORMS

SF 330



| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT   |   |  |                              |
|--|---|--|------------------------------|
| (Complete one Section E for each key person.)  |   |  |                              |
| 12. NAME   | 13. ROLE IN THIS CONTRACT   | 14. YEARS EXPERIENCE   |                              |
| Darryl J. Hauser, PSM  | Quality Control QA/QC   | a. TOTAL   | b. WITH CURRENT FIRM         |
|  |   | 17   | 1                            |
| 15. FIRM NAME AND LOCATION (City and State)  |   |  |                              |
| Longitude Surveyors, LLC   |   |  |                              |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)  |   | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)                     |                              |
| Bachelor of Science, Surveying and Mapping   |   | Professional Surveyor and Mapper, State of Florida LS6277                        |                              |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)                |   |  |                              |
| Florida Engineering Society; Port Everglades Association   |   |  |                              |
| 19. RELEVANT PROJECTS  |   |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| City of Hallandale Beach RFP #FY2013-2014-006-Proposed 8-Inch PVC Water Main Improvement along Foster Road |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2019   |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| a.   | Quality Control (QA/QC) - Scope included preparation of a Topographic Survey and Sub -Surface Underground Utility Engineering Services; Right-of-Way and property lines shown graphically; a graphical baseline; location of overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and other significant above-ground improvements within project limits; Longitude Surveyors located trees and palms; collected elevations equivalent to a 100-foot grid, extending 100 feet in each direction at intersections; LS prepared a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations, and inverts of drainage and sanitary structures. LS set temporary benchmarks (TBM's) outside the project limits, where they can be used by the contractor during construction. Control points were established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88; Longitude performed Sub-Surface Utility Engineering services, ten (1) soft digs along Foster Road.  |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale  |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2018-2019  |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| b.   | Quality Control (QA/QC) - Longitude Surveyors (LS) prepared a Topographic/Bathymetric Survey and performed Sub-Surface Utility Engineering Services. Scope of Work included right-of-way and property lines for the project area shown graphically; Included a graphical baseline; location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; elevations were taken equivalent to a 25-foot grid; Longitude performed Survey 50 feet in each direction at intersections within project limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; LS established control points with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs; LS performed a Bathymetric Survey of the intracoastal within project limits. |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| Don Shula Expressway (SR 874) & Interstate 75 (SR93)   |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2010 - 2013  |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| c.   | Quality Control (QA/QC) - Prepared Right-of-Way; Corridor Maps for each of the following State Roads in Florida Department of Transportation District 6; Don Shula Expressway (SR 874) and Interstate 75 (SR 93), GeoPak Computation, located right-of-way property lines, drafting in MicroStation, directed field crews with preparation and work to be performed   |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL   |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2019   |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| d.   | Quality Control (QA/QC) - Longitude Surveyors prepared a Topographic/Bathymetric Survey and performed Sub-Surface Underground Engineering Services (SUE) soft digs to include the following tasks: Right-of-Way and property lines for the project area shown graphically; LS prepared a graphical baseline; LS provided location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; LS collected elevations   |  |                              |

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330

| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT  |   |  |   |
|---|---|--|---|
| (Complete one Section E for each key person.)   |   |  |   |
| 12. NAME  | 13. ROLE IN THIS CONTRACT   | 14. YEARS EXPERIENCE   |   |
| Stanley S. David, MS  | GIS Specialist  | a. TOTAL   | b. WITH CURRENT FIRM  |
|   |   | 5  | 1   |
| 15. FIRM NAME AND LOCATION (City and State)   |   |  |   |
| Longitude Surveyors, LLC  |   |  |   |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)   |   | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) |   |
| BS Decision Information Systems, University of Florida<br>MS Geographical Information Systems, Florida State University<br>MS Urban Regional Planning, Florida State University<br>MS International Affairs, Florida State University   |   |  |   |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)   |   |  |   |
|   |   |  |   |
| 19. RELEVANT PROJECTS   |   |  |   |
| a.  | (1) TITLE AND LOCATION (City and State)   | (2) YEAR COMPLETED   |   |
|   | MDWASD \$2.4M Program and Construction Management (PMCM) for the Wastewater System Priority Projects  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable)  |
|   |   |  |   |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE   |  | <input type="checkbox"/> Check if project performed with current firm |
| GIS Specialist. The PMCM Team was selected by the Miami Dade Water and Sewer Department (MDWASD) to provide Program and Construction Management Services related to the Wastewater System Priority Projects. Services provided include, but are not limited to, program management, construction management, development coordination, public outreach, engineering analysis, hydraulic modeling, scheduling, cost estimates, inspections and document control; coordination and management of ninety-three (93) Force Main and Pump Station Projects from conception to closure, including the following phases: Engineering Design, Permitting, Procurement, Construction, and Certification; GIS Specialist for the PMCM Team within the Wastewater Collection and Transmission System (WCTS) Task; managed all GIS and Data as it relates to the Consent Decree; consulted with Clients to ascertain project purpose, needs, information required, and answering queries; developed standards for GIS deployment and use, and maintained accurate Client communication and project documentation. |   |  |   |
| b.  | (1) TITLE AND LOCATION (City and State)   | (2) YEAR COMPLETED   |   |
|   | Florida State University – Urban Design policy and plan of action to integrate with business and economic development, Boca La Caja, Panama | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable)  |
|   |   |  |   |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE   |  | <input type="checkbox"/> Check if project performed with current firm |
| GIS Specialist. Responsible for executing project activities for a variety of data collection, development, data maintenance, and migration tasks; created standardized mapping and data products to facilitate end user consumption and developed documentation on data quality and GIS workflows.   |   |  |   |
| c.  | (1) TITLE AND LOCATION (City and State)   | (2) YEAR COMPLETED   |   |
|   | Tallahassee-Leon County Planning Department – Research, Graphics and GIS Support, Tallahassee   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable)  |
|   |   |  |   |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE   |  | <input type="checkbox"/> Check if project performed with current firm |
| GIS Specialist. Services provided included assisting the City of Tallahassee's utility department in creating a comprehensive water-systems map and geodatabase that identified water mains, valves, hydrants, meters, pump stations, and tanks; conducted demographic analysis, and created 3D models of features for place making purposes to be used extensively by different municipalities in Leon County, Florida   |   |  |   |
| d.  | (1) TITLE AND LOCATION (City and State)   | (2) YEAR COMPLETED   |   |
|   | ADAAG-Consulting Services – Transition plan protocol for the Louisiana Department of Transportation, Miami                                  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable)  |
|   |   |  |   |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE   |  | <input type="checkbox"/> Check if project performed with current firm |
| GIS/Database Administrator for transition plan protocol which identifies issues concerning public right-of-way for the state of Louisiana. The project consisted of Surveying curb ramps, protruding objects, sidewalks, accessible pedestrian signals, on street parking, and signage for the state of Louisiana by using GPS waypoint capturing. MS SQL Server was used to identify issues, proposed corrections, costs, and estimated time frames to resolve the issues; assisted in creating a web application for the information to be accessible via internet.   |   |  |   |



# REQUIRED FORMS

SF 330



| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT<br>(Complete one Section E for each key person.)  |  |  |                              |
|--|--|--|------------------------------|
| 12. NAME   |  | 13. ROLE IN THIS CONTRACT  |                              |
| John H. Adler III, PSM   |  | Project Surveyor   |                              |
| 14. YEARS EXPERIENCE   |  | 15. FIRM NAME AND LOCATION (City and State)                                      |                              |
| a. TOTAL   |  | b. WITH CURRENT FIRM   |                              |
| 36   |  | 6  |                              |
| Longitude Surveyors, LLC   |  |  |                              |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)  |  | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)                     |                              |
| Associate Degree in Survey Technology  |  | Professional Surveyor and Mapper, State of Florida, LS4693                       |                              |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  |  |  |                              |
| Florida Surveying and Mapping Society; Utility & Engineering Surveying Institute   |  |  |                              |
| 19. RELEVANT PROJECTS  |  |  |                              |
| (1) TITLE AND LOCATION (City and State)  |  | (2) YEAR COMPLETED   |                              |
| City of Hallandale Beach RFP #FY2013-2014-006-Proposed 8-Inch PVC Water Main Improvement along Foster Road   |  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2019   |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE  |  | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| <p>a. Project Surveyor - Scope included preparation of a Topographic Survey and Sub -Surface Underground Utility Engineering Services; Right-of-Way and property lines shown graphically; a graphical baseline; location of overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and other significant above-ground improvements within project limits; Longitude Surveyors located trees and palms; collected elevations equivalent to a 100-foot grid, extending 100 feet in each direction at intersections; LS prepared a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations, and inverts of drainage and sanitary structures. LS set temporary benchmarks (TBM's) outside the project limits, where they can be used by the contractor during construction. Control points were established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88; Longitude performed Sub-Surface Utility Engineering services, ten (1) soft digs along Foster Road.</p>  |  |  |                              |
| (1) TITLE AND LOCATION (City and State)  |  | (2) YEAR COMPLETED   |                              |
| Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale  |  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2018-2019  |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE  |  | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| <p>b. Project Surveyor - Longitude Surveyors (LS) prepared a Topographic/Bathymetric Survey and performed Sub-Surface Utility Engineering Services. Scope of Work included right-of-way and property lines for the project area shown graphically; Included a graphical baseline; location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; elevations were taken equivalent to a 25-foot grid; Longitude performed Survey 50 feet in each direction at intersections within project limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; LS established control points with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs; LS performed a Bathymetric Survey of the intracoastal within project limits.</p> |  |  |                              |
| (1) TITLE AND LOCATION (City and State)  |  | (2) YEAR COMPLETED   |                              |
| P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL   |  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2019   |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE  |  | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| <p>c. Project Surveyor - Longitude Surveyors prepared a Topographic/Bathymetric Survey and performed Sub-Surface Underground Engineering Services (SUE) soft digs to include the following tasks: Right-of-Way and property lines for the project area shown graphically; LS prepared a graphical baseline; LS provided location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; LS collected elevations equivalent to a 25-foot grid; Longitude performed Survey extending 50 feet in each direction at every intersection within limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; All elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs.</p>                              |  |  |                              |
| (1) TITLE AND LOCATION (City and State)  |  | (2) YEAR COMPLETED   |                              |
| Project No. 12074 Stormwater Improvements Southeast Isles Neighborhood   |  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  |  |                              |

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330

| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT  |  |  |                              |
|---|--|--|------------------------------|
| (Complete one Section E for each key person.)   |  |  |                              |
| 12. NAME  | 13. ROLE IN THIS CONTRACT  | 14. YEARS EXPERIENCE   |                              |
|   |  | a. TOTAL   | b. WITH CURRENT FIRM         |
| Daniel Ferrera  | Project Manager  | 14   | 14                           |
| 15. FIRM NAME AND LOCATION (City and State)   |  |  |                              |
| Longitude Surveyors, LLC  |  |  |                              |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)   |  | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) |                              |
| Associates Degree in Civil Engineering  |  |  |                              |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)   |  |  |                              |
| Florida Engineering Society; Port Everglades Association  |  |  |                              |
| 19. RELEVANT PROJECTS   |  |  |                              |
| a.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   | City of Hallandale Beach RFP #FY2013-2014-006-Proposed 8-Inch PVC Water Main Improvement along Foster Road   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|   |  | 2019   |                              |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm |  |                              |
| Project Manager - Scope included preparation of a Topographic Survey and Sub -Surface Underground Utility Engineering Services; Right-of-Way and property lines shown graphically; a graphical baseline; location of overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and other significant above-ground improvements within project limits; Longitude Surveyors located trees and palms; collected elevations equivalent to a 100-foot grid, extending 100 feet in each direction at intersections; LS prepared a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations, and inverts of drainage and sanitary structures. LS set temporary benchmarks (TBM's) outside the project limits, where they can be used by the contractor during construction. Control points were established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88; Longitude performed Sub-Surface Utility Engineering services, ten (1) soft digs along Foster Road.  |  |  |                              |
| b.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   | Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|   |  | 2018-2019  |                              |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm |  |                              |
| Project Manager - Longitude Surveyors (LS) prepared a Topographic/Bathymetric Survey and performed Sub-Surface Utility Engineering Services. Scope of Work included right-of-way and property lines for the project area shown graphically; Included a graphical baseline; location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; elevations were taken equivalent to a 25-foot grid; Longitude performed Survey 50 feet in each direction at intersections within project limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; LS established control points with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs; LS performed a Bathymetric Survey of the intracoastal within project limits. |  |  |                              |
| c.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   | P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|   |  | 2019   |                              |
|   | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm |  |                              |
| Project Manager - Longitude Surveyors prepared a Topographic/Bathymetric Survey and performed Sub-Surface Underground Engineering Services (SUE) soft digs to include the following tasks: Right-of-Way and property lines for the project area shown graphically; LS prepared a graphical baseline; LS provided location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; LS collected elevations equivalent to a 25-foot grid; Longitude performed Survey extending 50 feet in each direction at every intersection within limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; All elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs.                              |  |  |                              |
| d.  | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|   |  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |

# REQUIRED FORMS

SF 330




| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT<br>(Complete one Section E for each key person.)  |   |  |                              |
|--|---|--|------------------------------|
| 12. NAME   | 13. ROLE IN THIS CONTRACT   | 14. YEARS EXPERIENCE   |                              |
|  |   | a. TOTAL   | b. WITH CURRENT FIRM         |
| <b>Pedro Elias Gonzalez, PSM, MSc, ME, ENV SP</b>  | <b>Surveyor &amp; Mapper – Aerial Photogrammetry</b>  | 33   | 1                            |
| 15. FIRM NAME AND LOCATION (City and State)  |   |  |                              |
| Longitude Surveyors, LLC   |   |  |                              |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)  |   | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)                     |                              |
| ME, University of California, Davis Water Resources Engineering<br>MSc Land & Water Science, University of California, Davis Irrigation & Sub-Surface Drainage<br>BS, Agricultural Engineering, Universidad Central de Venezuela |   | Professional Surveyor and Mapper, State of Florida, LS7189                       |                              |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  |   |  |                              |
| American Society for Photogrammetric Engineering and Remote Sensing; Florida Engineering Society   |   |  |                              |
| 19. RELEVANT PROJECTS  |   |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| <b>City of Hallandale Beach RFP #FY2013-2014-006-Proposed 8-Inch PVC Water Main Improvement along Foster Road</b>  |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2019   |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE  |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| a.   | Principal Surveyor/Principal in Charge; Scope included preparation of a Topographic Survey and Sub -Surface Underground Utility Engineering Services; Right-of-Way and property lines shown graphically; a graphical baseline; location of overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and other significant above-ground improvements within project limits; Longitude Surveyors located trees and palms; collected elevations equivalent to a 100-foot grid, extending 100 feet in each direction at intersections; LS prepared a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations, and inverts of drainage and sanitary structures. LS set temporary benchmarks (TBM's) outside the project limits, where they can be used by the contractor during construction. Control points were established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88; Longitude performed Sub-Surface Utility Engineering services, ten (1) soft digs along Foster Road.  |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| <b>Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale</b>   |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2018-2019  |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE  |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| b.   | Principal Surveyor/Principal in Charge; Longitude Surveyors (LS) prepared a Topographic/Bathymetric Survey and performed Sub-Surface Utility Engineering Services. Scope of Work included right-of-way and property lines for the project area shown graphically; Included a graphical baseline; location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; elevations were taken equivalent to a 25-foot grid; Longitude performed Survey 50 feet in each direction at intersections within project limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; LS established control points with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs; LS performed a Bathymetric Survey of the intracoastal within project limits. |  |                              |
| (1) TITLE AND LOCATION (City and State)  |   | (2) YEAR COMPLETED   |                              |
| <b>P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL</b>  |   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |   | 2019   |                              |
| (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE  |   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| c.   | Principal Surveyor/Principal in Charge; Longitude Surveyors prepared a Topographic/Bathymetric Survey and performed Sub-Surface Underground Engineering Services (SUE) soft digs to include the following tasks: Right-of-Way and property lines for the project area shown graphically; LS prepared a graphical baseline; LS provided location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits; Longitude located all trees and palms; LS collected elevations equivalent to a 25-foot grid; Longitude performed Survey extending 50 feet in each direction at every intersection within limits; LS provided a Digital Terrain Model (DTM); Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures; LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction; control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011; All elevations referenced to the National American Vertical Datum of 1988 (NAVD88); Longitude performed utility locates and eight (8) soft digs.                              |  |                              |

| E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT   |  |  |                              |
|--|--|--|------------------------------|
| (Complete one Section E for each key person.)  |  |  |                              |
| 12. NAME   | 13. ROLE IN THIS CONTRACT  | 14. YEARS EXPERIENCE   |                              |
| Francisco L. Nunez, PSM  | Surveyor & Mapper – Field Operations   | a. TOTAL   | b. WITH CURRENT FIRM         |
|  |  | 38   | 1                            |
| 15. FIRM NAME AND LOCATION (City and State)  |  |  |                              |
| Longitude Surveyors, LLC   |  |  |                              |
| 16. EDUCATION (DEGREE AND SPECIALIZATION)  |  | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)                     |                              |
| Associates in Science in Engineering and Surveying Studies   |  | Professional Surveyor and Mapper, State of Florida, LS6382                       |                              |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  |  |  |                              |
| Florida Surveying and Mapping Society; Florida Engineering Society; Utility & Engineering Surveying Institute  |  |  |                              |
| 19. RELEVANT PROJECTS  |  |  |                              |
| a.   | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|  | FM No. 249941-4-32-01   SR 823 / NW 57 AVE from W 65 ST to W 84  | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2011-2013  |                              |
|  | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| Surveyor & Mapper/Manager - Responsible for the collection of Survey data required by the designers for the development of engineering documents required for the reconstruction of SR-823 within limits of the project; establishment of horizontal and vertical control, established and/or recovered existing alignment and right-of-way lines, Planimetric (2D) data, Topography/DTM (3D), roadway cross- sections, side streets, drainage, bridge, Geotechnical, sectional/grant, subdivision location, and work zone safety. |  |  |                              |
| b.   | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|  | FM No.: 434773-1-32-01 C9I91 Collins Avenue from 4700 Block to 5800 Block, Miami Beach, FL                 | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2015-2017  |                              |
|  | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| Project Manager/Surveyor and Mapper; Responsible for the evaluation of all Survey data provided by the Department; collection and processing of additional Survey data required for the resurfacing/reconstruction of SR-A1A within project limits; signing, pavement markings, signalization, lighting and drainage improvements required to bring corridor to current standards.   |  |  |                              |
| c.   | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|  | RFDP 14-03 83628.070 SR 836 from NW 57 Avenue to NW 17 Avenue, Miami, FL                                   | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2015-2017  |                              |
|  | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| Project Manager/Surveyor and Mapper; Responsible for the evaluation of Survey data provided by the Department; collection and processing of additional Survey data required for the reconstruction of SR-836 within project limits. Scope of Work included traffic analysis, signalization and lighting improvements along main line, implementation of Diversified Diamond Interchanges at NW 57 and NW 27 Avenue   |  |  |                              |
| d.   | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|  | FM No.: 431770-1-32-01 C9J25 Sr-820, Hollywood, Pines Boulevard SR-93, I-75 to Young Circle, Hollywood, FL | PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable) |
|  |  | 2015-2017  |                              |
|  | (3) BRIEF DESCRIPTION (Brief Scope, size, cost, etc.) AND SPECIFIC ROLE                                    | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| Project Manager/Surveyor & Mapper; Responsible for the evaluation of all Survey data provided by the Department and the collection and processing of additional Survey data required for the reconstruction of SR-820 within the limits of the project to provide pedestrian access and bike lanes within the facility. Work included signing, pavement markings, signalization and drainage improvements required to bring corridor to current standards  |  |  |                              |

# REQUIRED FORMS

SF 330



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|--|--|--|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified.<br>Complete one Section F for each project.)  |  | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><b>1</b>                              |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>City of Hallandale Beach RFP #FY 2013-2014-006-Proposed 8-inch PVC Water Main Improvement along Foster Road</b>   |  | <b>22. YEAR COMPLETED</b><br>PROFESSIONAL SERVICES<br>CONSTRUCTION (if applicable) |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |  |  |
| <b>a. PROJECT OWNER</b><br>Stantec Consulting Services, Inc.   | <b>b. POINT OF CONTACT NAME</b><br>Dave Clarke, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>305-445-2900                        |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b><br><p><b>Longitude Surveyors, LLC prepared a Topographic and Subsurface Underground Engineering (SUE)</b><br/>         Scope of Work:<br/>         Longitude performed a Topographic, Drainage Survey, and SUE (Soft Digs) to include the following tasks:</p> <ul style="list-style-type: none"> <li>• Right-of-Way and property lines for the project area shown graphically.</li> <li>• A graphical baseline included.</li> <li>• Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.</li> <li>• Longitude located all trees and palms.</li> <li>• Elevations taken equivalent to a 100-foot grid.</li> <li>• Longitude surveyed 100 feet in each direction at every intersection.</li> <li>• A digital terrain model (DTM) provided.</li> <li>• Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.</li> <li>• LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.</li> <li>• All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.</li> <li>• All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).</li> <li>• Longitude performed utility locates and 10 soft digs along Foster Road.</li> </ul> |  |  |
|   |  |  |
| <b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>   |  |  |
| <b>(1) FIRM NAME</b><br>a.   | <b>(2) FIRM LOCATION (City and State)</b>          | <b>(3) ROLE</b>  |
| <b>(1) FIRM NAME</b><br>b.   | <b>(2) FIRM LOCATION (City and State)</b>          | <b>(3) ROLE</b>  |
| <b>(1) FIRM NAME</b><br>c.   | <b>(2) FIRM LOCATION (City and State)</b>          | <b>(3) ROLE</b>  |



|  |  |   |                       |                              |  |  |
|--|--|---|-----------------------|------------------------------|--|--|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified.<br>Complete one Section F for each project.)  |  | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><div style="text-align: center; font-size: 1.2em;">2</div>   |                       |                              |  |  |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br>Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale  |  | <b>22. YEAR COMPLETED</b><br><table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |  |  |
| PROFESSIONAL SERVICES  | CONSTRUCTION (if applicable)                         |   |                       |                              |  |  |
|  |  |   |                       |                              |  |  |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |  |   |                       |                              |  |  |
| <b>a. PROJECT OWNER</b><br>Chen Moore and Associates   | <b>b. POINT OF CONTACT NAME</b><br>Daniel Davila, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>954-730-0707   |                       |                              |  |  |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b><br><br><p><b>Longitude Surveyors, LLC prepared a Topographic, Bathymetric and Subsurface Underground Engineering (SUE)</b></p> <p>Scope of Work:</p> <p>Longitude performed a Topographic, Bathymetric, and SUE (Soft Digs) to include the following tasks:</p> <ul style="list-style-type: none"> <li>• Right-of-Way and property lines for the project area shown graphically.</li> <li>• A graphical baseline included.</li> <li>• Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.</li> <li>• Longitude located all trees and palms.</li> <li>• Elevations taken equivalent to a 25-foot grid.</li> <li>• Longitude surveyed 500 feet in each direction at every intersection.</li> <li>• A digital terrain model (DTM) provided.</li> <li>• Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.</li> <li>• LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.</li> <li>• All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.</li> <li>• All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).</li> <li>• Longitude performed utility locates and 8 soft digs.</li> <li>• A Bathymetric survey will be performed of the intracoastal.</li> </ul> |  |   |                       |                              |  |  |
| <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><b>Untitled Map</b></p> <p>Proposed route for 18-inch Bayshore FM</p> </div> <div style="flex: 0.2; border: 1px solid black; padding: 5px; font-size: 0.8em;"> <p><b>Legend</b></p> <p>Proposed route for 18-inch Bayshore FM</p> </div> </div>  |  |   |                       |                              |  |  |

# REQUIRED FORMS

SF 330

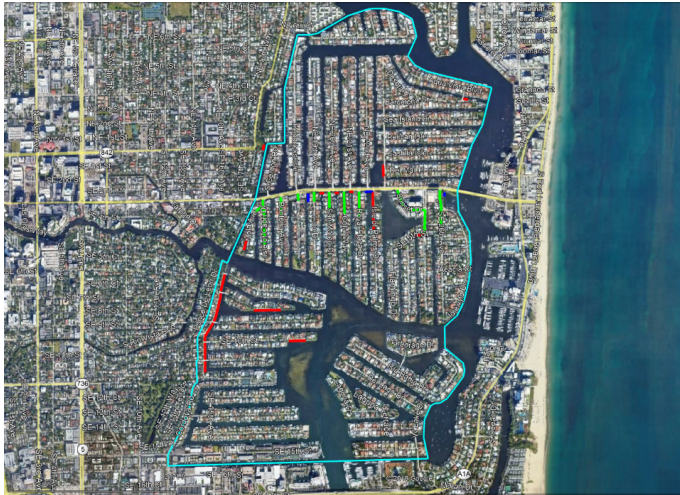


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| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)  |  | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><b>3</b>                              |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL</b>   |  | <b>22. YEAR COMPLETED</b><br>PROFESSIONAL SERVICES<br>CONSTRUCTION (if applicable) |
| <b>23. PROJECT OWNER'S INFORMATION</b>  |  |  |
| <b>a. PROJECT OWNER</b><br>Chen Moore and Associates  | <b>b. POINT OF CONTACT NAME</b><br>Daniel Davila, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>954-730-0707                        |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b><br><p><b>Longitude Surveyors, LLC prepared a Topographic and Subsurface Underground Engineering (SUE)</b></p> <p>Scope of Work:</p> <p>Longitude performed a Topographic, Bathymetric, and SUE (Soft Digs) to include the following tasks:</p> <ul style="list-style-type: none"> <li>• Right-of-Way and property lines for the project area shown graphically.</li> <li>• A graphical baseline included.</li> <li>• Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.</li> <li>• Longitude located all trees and palms.</li> <li>• Elevations taken equivalent to a 25-foot grid.</li> <li>• Longitude surveyed 50 feet in each direction at every intersection.</li> <li>• A digital terrain model (DTM) provided.</li> <li>• Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.</li> <li>• LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.</li> <li>• All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.</li> <li>• All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).</li> <li>• Longitude performed utility locates and 8 soft digs.</li> </ul> |  |  |



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| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified.<br>Complete one Section F for each project.)   |   | 20. EXAMPLE PROJECT KEY NUMBER<br><br><b>4</b>                                     |
| 21. TITLE AND LOCATION <i>(City and State)</i><br><br><b>S 56 Avenue (aka Martin Luther King Blvd) from County Line Road to Pembroke Road located in the City of West Park, Florida</b>   |   | 22. YEAR COMPLETED<br>PROFESSIONAL SERVICES<br>CONSTRUCTION <i>(if applicable)</i> |
| 23. PROJECT OWNER'S INFORMATION   |   |  |
| a. PROJECT OWNER  | b. POINT OF CONTACT NAME                  | c. POINT OF CONTACT TELEPHONE NUMBER   |
| The Corradino Group   | Marvin Guillen, PE                        | 305-594-0735   |
| 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)   |   |  |
| <p><b>Longitude Surveyors, LLC prepared a Topographic Survey</b></p> <p>Scope of Work:</p> <p>Longitude performed a Topographic Survey to include the following tasks:</p> <ul style="list-style-type: none"> <li>• Right-of-Way and property lines for the project area shown graphically.</li> <li>• A graphical baseline included.</li> <li>• Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.</li> <li>• Longitude located all trees and palms.</li> <li>• Elevations taken equivalent to a 50-foot grid.</li> <li>• Longitude surveyed 100 feet in each direction at every intersection.</li> <li>• A digital terrain model (DTM) provided.</li> <li>• Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.</li> <li>• LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.</li> <li>• All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/1990.</li> <li>• All elevations referenced to the National American Vertical Datum of 1988 (NGVD29).</li> </ul> |   |  |
| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT   |   |  |
| (1) FIRM NAME   | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE   |
| a.  |   |  |
| (1) FIRM NAME   | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE   |
| b.  |   |  |
| (1) FIRM NAME   | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE   |
| c.  |   |  |



|   |  |  |                       |                              |                       |  |
|---|--|--|-----------------------|------------------------------|-----------------------|--|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified.<br>Complete one Section F for each project.)   |  | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><div style="text-align: center; font-size: 1.2em;">6</div>  |                       |                              |                       |  |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>Project No. 12074 Stormwater Improvements Southeast Isles Neighborhood Survey</b><br><b>E. Las Olas Boulevard located in the City of Fort Lauderdale, Florida</b>  |  | <b>22. YEAR COMPLETED</b><br><table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>Surveying and Mapping</td> <td></td> </tr> </table> | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | Surveying and Mapping |  |
| PROFESSIONAL SERVICES   | CONSTRUCTION (if applicable)   |  |                       |                              |                       |  |
| Surveying and Mapping   |  |  |                       |                              |                       |  |
| <b>23. PROJECT OWNER'S INFORMATION</b>  |  |  |                       |                              |                       |  |
| <b>a. PROJECT OWNER</b><br><br>Hazen and Sawyer   | <b>b. POINT OF CONTACT NAME</b><br><br>Liz Feliberty-Ruberte, PE                           | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br><br>954-967-7090  |                       |                              |                       |  |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b><br><br><b>Longitude Surveyors, LLC prepared a Topographic, Bathymetric and Mean High Water Survey</b><br>Scope of Work:<br>This project includes many different design components.<br>(1) Inline check valves (tidal valves) installed on 101 outfalls.<br>(2) Twelve City owned Seawall survey included docks, electrical panels, water lines, etc.<br>(3) Two stormwater pump stations<br>(4) Additional stormwater improvements such as inlets/outlets and roadway existing improvements with 50-foot cross-section intervals along the roadways and extend approximately 10-15 feet outside the right of way where accessible and permitted by the adjacent property owners.<br>(5) Tree survey for existing trees, three 3" inches in diameter and above, at four 4' feet above ground, shall be located and identified with diameter and common name.<br>(6) Bathymetric survey approximate 5,020 ft length of along seawalls. The survey extended from the face of the seawall to 25-ft waterward. Cross sections every 50-ft along length of seawall and extending across limits of survey. Provided measurements of seawall features at 100 ft intervals where a wall's footing began or ended, rip rap rubble with supplemental seawall sketch. Location and edge of the underwater concrete cap, waterward structure below the water line, outfalls location and inverts, and base rubble out to the channel. |  |  |                       |                              |                       |  |
|   |  |  |                       |                              |                       |  |
| <b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>  |  |  |                       |                              |                       |  |
| <b>a. (1) FIRM NAME</b><br>Longitude Surveyors  | <b>(2) FIRM LOCATION (City and State)</b><br>7769 NW 48 Street, Suite 375, Doral, FL 33166 | <b>(3) ROLE</b><br>Surveying and Mapping   |                       |                              |                       |  |
| <b>b. (1) FIRM NAME</b>   | <b>(2) FIRM LOCATION (City and State)</b>  | <b>(3) ROLE</b>  |                       |                              |                       |  |
| <b>c. (1) FIRM NAME</b>   | <b>(2) FIRM LOCATION (City and State)</b>  | <b>(3) ROLE</b>  |                       |                              |                       |  |





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| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified.<br>Complete one Section F for each project.)  |  | 20. EXAMPLE PROJECT KEY NUMBER<br><br><div>8</div>  |
| 21. TITLE AND LOCATION ( <i>City and State</i> )<br><br><b>Roadway Improvements for SW 40th Avenue (Barack Obama Boulevard) between NE 215 Street and Pembroke Road located in the City of West Park, Florida</b>  |  | 22. YEAR COMPLETED<br><div> <div>PROFESSIONAL SERVICES</div> <div>CONSTRUCTION (<i>if applicable</i>)</div> </div> <div>           Surveying and Mapping         </div> |
| 23. PROJECT OWNER'S INFORMATION  |  |   |
| a. PROJECT OWNER<br><br>BCC Engineering, Inc.  | b. POINT OF CONTACT NAME<br><br>Jose Otero, PE   | c. POINT OF CONTACT TELEPHONE NUMBER<br><br>305-670-2350  |
| 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)  |  |   |
| <p><b>Longitude Surveyors, LLC prepared a Topographic Survey.</b></p> <p>Scope of Work:</p> <p>Longitude performed a Topographic Survey to include the following tasks:</p> <ul style="list-style-type: none"> <li>• Right-of-Way and property lines for the project area shown graphically.</li> <li>• A graphical baseline included.</li> <li>• Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.</li> <li>• Longitude located all trees and palms.</li> <li>• Elevations taken equivalent to a 50-foot grid.</li> <li>• Longitude surveyed 50 feet in each direction at every intersection.</li> <li>• Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.</li> <li>• LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.</li> <li>• All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/1990 and elevations referenced to NAVD88.</li> <li>• All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).</li> </ul> |  |   |
|  |  |   |
| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT  |  |   |
| (1) FIRM NAME<br>a. Longitude Surveyors  | (2) FIRM LOCATION ( <i>City and State</i> )<br>7769 NW 48 Street, Suite 375, Doral, FL 33166 | (3) ROLE<br>Surveying and Mapping   |
| (1) FIRM NAME<br>b.  | (2) FIRM LOCATION ( <i>City and State</i> )  | (3) ROLE  |
| (1) FIRM NAME<br>c.  | (2) FIRM LOCATION ( <i>City and State</i> )  | (3) ROLE  |

AUTHORIZED FOR LOCAL REPRODUCTION
 STANDARD FORM 330

# REQUIRED FORMS

SF 330



| G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS       |   |   |   |   |   |   |   |   |   |   |    |  |
|--|---|---|---|---|---|---|---|---|---|---|----|--|
| 26. NAMES OF KEY PERSONNEL<br>(From Section E, Block 12) | 27. ROLE IN THIS CONTRACT<br>(From Section E, Block 13)                                     | 28. EXAMPLE PROJECTS LISTED IN SECTION F<br>(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 |  |
| Longitude Surveyors, LLC                                 |   |   |   |   |   |   |   |   |   |   |    |  |
| Eduardo M. Suarez, PSM                                   | Principal Surveyor  | ●   | ●   | ● | ● | ● |   |   |   |   |    |  |
| John H. Adler III, PSM                                   | Project Surveyor  | ●   | ●   | ● | ● | ● |   |   |   |   |    |  |
| Daniel Ferrera   | Project Manager   | ●   | ●   | ● | ● | ● |   |   |   |   |    |  |
| Pedro Elias Gonzalez, PSM                                | Aerial Photogrammetry   | ●   |   |   |   |   |   |   |   |   |    |  |
| Stanley David, MS  | GIS Specialist  | ●   |   |   |   |   |   |   |   |   |    |  |
| Darryl J. Hauser, PSM                                    | QA/QC   | ●   | ●   | ● |   |   |   |   |   |   |    |  |
| Frank Nunez, PSM   | Surveyor & Mapper<br>Field Operations   |   |   |   |   |   |   |   |   |   |    |  |
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| 29. EXAMPLE PROJECTS KEY                                 |   |   |   |   |   |   |   |   |   |   |    |  |
| NO.  | TITLE OF EXAMPLE PROJECT (FROM SECTION F)   | NO.   | TITLE OF EXAMPLE PROJECT (FROM SECTION F)   |   |   |   |   |   |   |   |    |  |
| 1  | City of Hallandale Beach RFP FY 2013-2014-006 Proposed 8-Inch PVC Water Main Foster Road    | 6   | FDOT Project No. 12074 Stormwater Improvements E. Las Olas Blvd – SE Isles Neighborhood |   |   |   |   |   |   |   |    |  |
| 2  | Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale                         | 7   | Reclaimed Watermain – Lyons Road between Wiles to Serko Blvd.                           |   |   |   |   |   |   |   |    |  |
| 3  | P12413-FLL-FM Upsize from PS D-36 to D-35 Harbour Inlet, Fort Lauderdale, Florida           | 8   | Roadway Improvements SW 40 <sup>th</sup> Ave between NE 215 and Pembroke Road           |   |   |   |   |   |   |   |    |  |
| 4  | S 56 Ave (aka Martin Luther King Blvd) County Line to Pembroke Road , City of West Park, FL | 9   |   |   |   |   |   |   |   |   |    |  |
| 5  | FDOT FM No. 435925-1-32-01 Prospect Road from (SR840) Commercial Blvd.to SR811), Broward    | 10  |   |   |   |   |   |   |   |   |    |  |

AUTHORIZED FOR LOCAL REPRODUCTION
STANDARD FORM 330

DCRA 19-026

(If a firm has branch offices, complete for each specific branch office seeking work.)

Page 32



# REQUIRED FORMS

## CERTIFICATE OF INSURANCE



### CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
08/26/2019

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

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

|  |  |   |  |                                      |  |
|--|--|---|--|--------------------------------------|--|
| <b>PRODUCER</b><br>AUTOMATIC DATA PROCESSING INSURANCE AGCY INC<br>1 ADP BLVD MS 625<br>ROSELAND, NJ 07068<br>(877) 677-0428 |  | <b>CONTACT NAME:</b><br>PHONE (A/C, No, Ext): (877) 677-0428<br>E-MAIL: spcbicadp@travelers.com<br>ADDRESS: |  | <b>FAX (A/C, No):</b> (877) 677-0430 |  |
|  |  | <b>INSURER(S) AFFORDING COVERAGE</b>  |  | <b>NAIC #</b>                        |  |
|  |  | <b>INSURER A : THE TRAVELERS INDEMNITY COMPANY OF AMERICA</b>   |  |                                      |  |
| <b>INSURED</b><br>LONGITUDE SURVEYORS, LLC.<br>7769 NW 48TH ST<br>STE 375<br>DORAL, FL 33166                                 |  | <b>INSURER B :</b>  |  |                                      |  |
|  |  | <b>INSURER C :</b>  |  |                                      |  |
|  |  | <b>INSURER D :</b>  |  |                                      |  |
|  |  | <b>INSURER E :</b>  |  |                                      |  |
|  |  | <b>INSURER F :</b>  |  |                                      |  |

#### COVERAGES

CERTIFICATE NUMBER: 701817238521832

REVISION NUMBER:

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

| INSR LTR | TYPE OF INSURANCE  | ADDL INSD | SUBR WVD | POLICY NUMBER  | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS  |
|----------|--|-----------|----------|----------------|-------------------------|-------------------------|---|
|          | <input type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b><br><input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br><input type="checkbox"/> OTHER: |           |          |                |                         |                         | EACH OCCURRENCE \$<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$<br>MED EXP (Any one person) \$<br>PERSONAL & ADV INJURY \$<br>GENERAL AGGREGATE \$<br>PRODUCTS - COMP/OP AGG \$<br>\$              |
|          | <b>AUTOMOBILE LIABILITY</b><br><input type="checkbox"/> ANY AUTO<br><input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY<br><input type="checkbox"/> AUTOS ONLY                           |           |          |                |                         |                         | COMBINED SINGLE LIMIT (Ea accident) \$<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$   |
|          | <input type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR<br><input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE<br>DED: <input type="checkbox"/> RETENTION \$   |           |          |                |                         |                         | EACH OCCURRENCE \$<br>AGGREGATE \$<br>\$  |
| A        | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b><br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below  | Y/N       | N/A      | UB-3K943047-18 | 11/22/2018              | 11/22/2019              | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER<br>E.L. EACH ACCIDENT \$1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$1,000,000<br>E.L. DISEASE - POLICY LIMIT \$1,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 RE: PHASE IV STREETScape & A1A BCRA 19-001

#### CERTIFICATE HOLDER

CITY OF HOLLYWOOD  
 OFFICE OF THE CITY CLERK  
 2600 HOLLYWOOD BLVD ROOM 221  
 HOLLYWOOD, FL 33020

#### CANCELLATION

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

AUTHORIZED REPRESENTATIVE

*Mary Kuckelmann*

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ACORD 25 (2016/03)

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## Florida Department of Transportation

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

MIKE DEW  
SECRETARY

July 25, 2018

Eduardo Suarez, President  
LONGITUDE SURVEYORS, LLC  
7715 NW 48<sup>th</sup> Street, Suite 310  
Doral, Florida 33166

Dear Mr. Suarez:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 8      - Survey and Mapping
- 8.1      - Control Surveying
  - 8.2      - Design, Right of Way & Construction Surveying
  - 8.4      - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2019 for contracting purposes.

### Approved Rates

| Home/<br>Branch<br>Overhead | Facilities<br>Capital Cost<br>of Money | Premium<br>Overtime | Reimburse<br>Actual<br>Expenses | Home<br>Direct<br>Expense |
|-----------------------------|--|---------------------|---------------------------------|---------------------------|
| 264.16%                     | 1.007%                                 | Reimbursed          | No                              | 9.78%                     |

\*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Should you have any questions, please feel free to contact me by email at [carliayn.kell@dot.state.fl.us](mailto:carliayn.kell@dot.state.fl.us) or by phone at 850-414-4597.

Sincerely,

Carliayn Kell  
Professional Services  
Qualification Administrator

[www.fdot.gov](http://www.fdot.gov)

## REQUIRED FORMS

### FIRMS LICENSES + CERTIFICATIONS



# *State of Florida Department of State*

I certify from the records of this office that LONGITUDE SURVEYORS, LLC is a limited liability company organized under the laws of the State of Florida, filed on March 12, 2004.

The document number of this limited liability company is L04000019574.

I further certify that said limited liability company has paid all fees due this office through December 31, 2019, that its most recent annual report was filed on March 9, 2019, and that its status is active.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Ninth day of March, 2019*




*Randy Be*  
**Secretary of State**

Tracking Number: 2293370335CC

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

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


 Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500


License No.: **LB7335**  
 Expiration Date February 28, 2021

**Professional Surveyor and Mapper Business License**  
 Under the provisions of Chapter 472, Florida Statutes

LONGITUDE SURVEYORS, LLC  
 7769 NW 48TH ST STE 375  
 DORAL, FL 33166-5463

*Nicole Fried*  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.


 Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500


License No.: **LS6313**  
 Expiration Date February 28, 2021

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

EDUARDO M SUAREZ  
 7769 NW 48TH ST STE 375  
 DORAL, FL 33166-5463

*Nicole Fried*  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.


 Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500


License No.: **LS7189**  
 Expiration Date February 28, 2021

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

PEDRO E GONZALEZ  
 1865 BRICKELL AV UNIT A-1501  
 MIAMI, FL 33129

*Nicole Fried*  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

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 Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500


License No.: **LS6277**  
 Expiration Date February 28, 2021

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

DARRYL J HAUSER  
 14310 SOUTHWEST 97TH LANE  
 MIAMI, FL 33186

*Nicole Fried*  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

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 Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500


License No.: **LS6382**  
 Expiration Date February 28, 2021

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

FRANCISCO LUIS NUNEZ, JR  
 4630 SW 135TH AVE  
 MIAMI, FL 33175-3813

*Nicole Fried*  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

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 Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS4693**  
 Expiration Date February 28, 2021

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

JOHN H ADLER III  
 1128 STARDUST WAY  
 ROYAL PALM BEACH, FL 33411-3059

*Nicole Fried*  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.







3



## PROFILE OF THE FIRM

ITEMS A-I OF THE  
SUBMITTAL CRITERIA



# PROFILE OF THE FIRM

## COMPANY OVERVIEW + FIRM DATA



### CERTIFIED ACDBE + DBE FIRM

### LOCAL TAX RECEIPT

**MIAMI-DADE COUNTY**  
miamidade.gov

Internal Services Department  
Small Business Development  
111 NW 1 Street, 19th Floor  
Miami, Florida 33128  
T 305-375-3111 F 305-375-3160

December 01, 2016  
Mr. Eduardo M. Suarez  
LONGITUDE SURVEYORS, LLC  
7715 NW 48 St 310  
Doral, FL 33166-0000

CERT NO: 15161  
Approval Date: 12/1/2016 - ACDBE  
Approval Date: 12/1/2016 - DBE

Anniversary Date: Annually on December 01

Dear Mr. Suarez:

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) and an Airport Concession Disadvantaged Business Enterprise (ACDBE) in accordance with 49 CFR Part 23 and 26.

DBE and ACDBE certifications are continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form annually on the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual No Change Declaration form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>

DBE and ACDBE certifications are NOT a guarantee of work, but it enables the firm to compete for and perform contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE and ACDBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If at any time there is a material change in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, individuals or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to comply will result in action to remove your firm's DBE and ACDBE certifications.

Questions or concerns should be directed to this office by mail or telephone. Our telephone number is (305) 375 -3111 and fax number is (305) 375-3160.

Sincerely,  
  
Opaudous Thompson, Section Chief  
Small Business Development Division

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)  
541370 - SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES (ACDBE)  
541370 - SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES (DBE)

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

DBA: Business Name: EDUARDO M SUAREZ  
Owner Name: LONGITUDE SURVEYORS LLC  
Business Location: 3323 W COMMERCIAL BLVD  
FT LAUDERDALE  
Business Phone: 305-463-0912

Receipt #: 319-295325  
Business Type: ALL OTHERS (SURVEYOR AND MAPPER)  
Business Opened: 11/27/2018  
State/Country/Cert/Reg: LS6313  
Exemption Code:

Rooms: 1  
Seats: 1  
Employees: 1  
Machines: 1  
Professionals: 1

| Number of Machines: |              | For Vending Business Only |         | Vending Type: |                 |            |  |
|---------------------|--------------|---------------------------|---------|---------------|-----------------|------------|--|
| Tax Amount          | Transfer Fee | NSF Fee                   | Penalty | Prior Years   | Collection Cost | Total Paid |  |
| 30.00               | 0.00         | 0.00                      | 0.00    | 0.00          | 0.00            | 30.00      |  |

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT**  
When Validated: This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:  
LONGITUDE SURVEYORS LLC  
7769 NW 48 ST STE 375  
DORAL, FL 33166

Receipt #MM-18-00097175  
Paid 12/11/2018 30.00

**2018 - 2019**

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

DBA: Business Name: EDUARDO M SUAREZ  
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Receipt #: 319-295325  
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Rooms: 1  
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|---------------------|--------------|---------------------------|---------|---------------|-----------------|------------|--|
| Tax Amount          | Transfer Fee | NSF Fee                   | Penalty | Prior Years   | Collection Cost | Total Paid |  |
| 30.00               | 0.00         | 0.00                      | 0.00    | 0.00          | 0.00            | 30.00      |  |

Signature: \_\_\_\_\_  
Receipt #MM-18-00097175  
Paid 12/11/2018 30.00

## OUR TECHNICAL CERTIFICATIONS

Miami-Dade County  
15.01 - Land Surveying  
15.02 - Aerial Photogrammetry  
15.03 - SUE

Florida DOT  
8.1 - Control Surveying  
8.2 - Design, ROW, &  
Construction Surveying  
8.4 - Right of Way Mapping



LONGITUDE SURVEYORS HAS COMPLETED  
**HUNDREDS** OF MUNICIPAL PROJECTS





## PROFILE OF THE FIRM

### COMPANY OVERVIEW + FIRM DATA

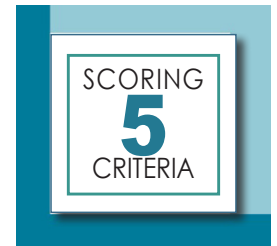


#### A. FIRM LOCATION:

Longitude Surveyors is a **local** firm with offices located in Doral, Ocean Reef and Fort Lauderdale.

#### B. OFFICE PROVIDING SERVICE:

The work performed for the City of Hollywood will be completed from our Fort Lauderdale branch office conveniently at 3323 West Commercial Blvd - Suite 250, located just minutes from the City of Hollywood.



#### C. FIRM OVERVIEW:

Established in 2004, Longitude Surveyors has become one of South Florida's premier Surveying & Mapping and Underground Utility Engineering companies. Longitude's professional team applies their experience and rigor to provide exceptional results.

Whether providing public infrastructure or private development, our Team provides our Clients, the best possible value and most practical solutions allowing them to achieve their goals. We find our greatest satisfaction in making our clients successful. Our current team is comprised of approximately 45 staff members with 7 professionals that include 5 licensed surveyors and 2 licensed engineers.

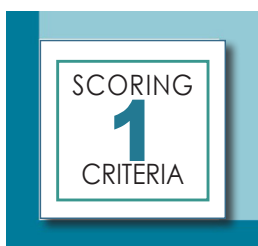
Our firms services include the following:

- ALTA/ACSM Land Title Survey
- Boundary Survey (Land / Water)
- Topographic Survey (DTM / DEM)
- Lot Survey / Plats
- Architectural Survey (BIM / Revit)
- Construction Layout
- Forensic Survey
- GIS & Mapping
- Bathymetric Surveys
- Expert Witness
- Fence Construction Survey
- Soldier Pile Monitoring
- Easement Surveys
- Lot Line Adjustment
- Aerial Photogrammetry and Mapping
- Subsurface Underground Engineering (SUE)

## D. COMPLETED PROJECT PERFORMANCE REFERENCES

Provide a list and description of similar municipal and other engagements satisfactorily performed within the past four (4) years. For each engagement listed, include the name and telephone number of a representative for whom the engagement was undertaken who can verify satisfactory performance.

| PROJECT NAME                                     | DESCRIPTION/SCOPE OF WORK  | CONTACT NAME   | PHONE               |
|--|--|--|---------------------|
| FM No: 435760-1-32-01  <br>Contract No: C9Q44    | SR 826/Palmetto Expy from I-75 to N.<br>of Canal C-8 Bldg (Approx<br>NW 162 St)                | H.W. Lochner, Inc.   | 305.503.9873        |
| ISD Project No. E13-<br>WASD-01R                 | 1.2-CD Project 4.9 (22) -<br>"Replacement of 2,056 LF of 6-Inch<br>FM from PS 0358 to PS 0352" | HDR, Inc.<br>Edwige DeCrumpe,<br>Project Controller          | 786-264-3855        |
| Motorola Site<br>8000 W. Sunrise Blvd            | Surveying/ Mapping   | Kimley-Horn &<br>Associates, Inc.<br>Carlos H. Florian, E.I. | 954- 535-5100       |
| Foster Road WM Project                           | See showcased project section for<br>detailed project description                              | Santec<br>Dave Clark, PM                                     | 305 445-2900 x 2296 |
| SR 112 interchange from<br>NW 17 Ave to NW 8 Ave | Surveying/Mapping  | EAC Consulting<br>Andrew Pierce, PE                          | 305.265.5429        |



## PROFILE OF THE FIRM

### FIRM EXPERIENCE

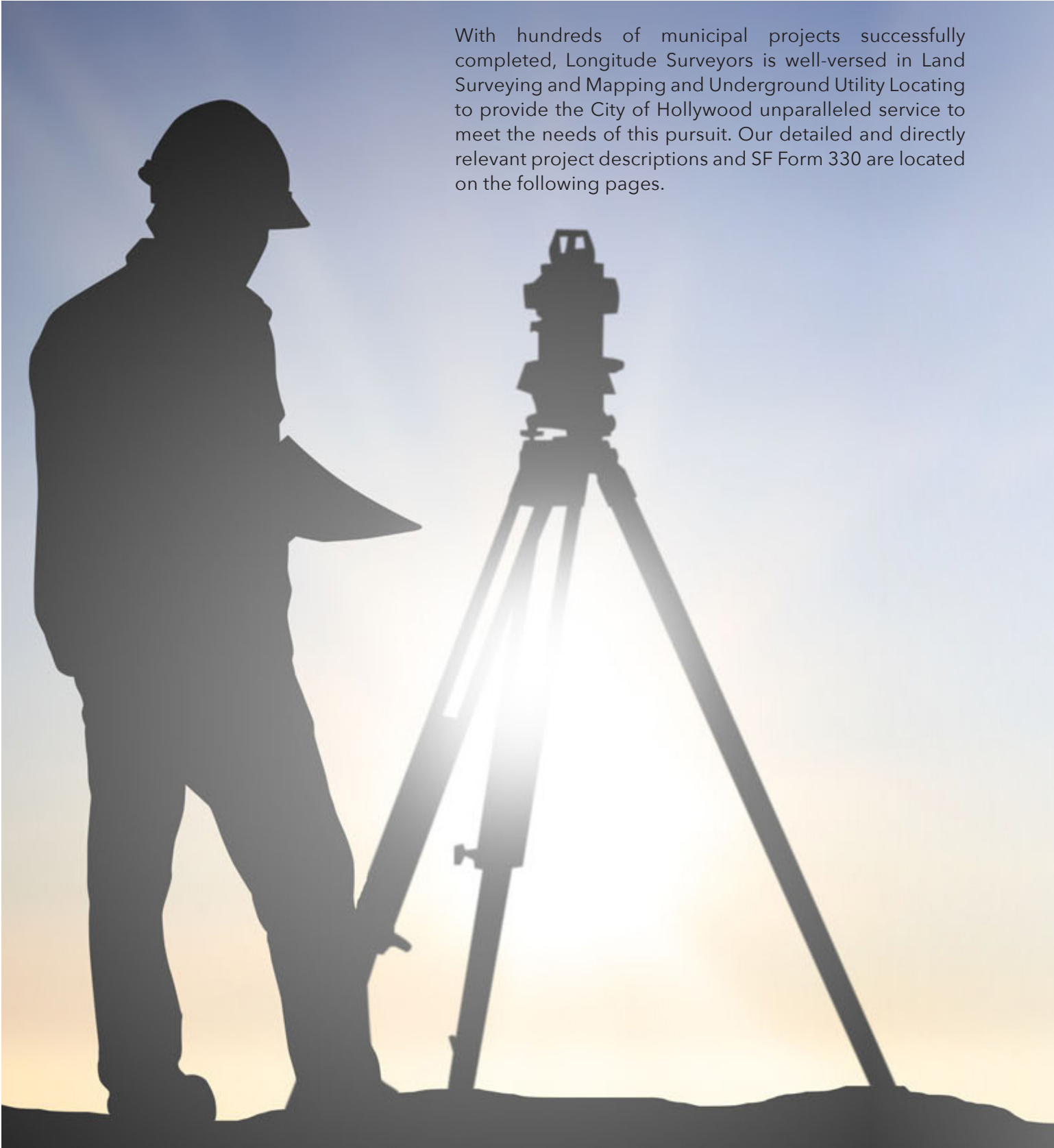


## D. PAST PERFORMANCE MEETING SCHEDULE + BUDGET

Past record of the firm regarding budget, scheduling and past performance.

| PROJECT NAME                                     | SCHEDULE              | CONTRACTED<br>BUDGET VS. ACTUAL | ON SCHEDULE<br>ON BUDGET |
|--|-----------------------|---------------------------------|--------------------------|
| FM No: 435760-1-32-01  <br>Contract No: C9Q44    | Delivered on schedule | \$247,582.89<br>\$247,582.89    |                          |
| ISD Project No. E13-WASD-01R                     | Delivered on schedule | \$132,000<br>\$132,000          |                          |
| Motorola Site<br>8000 W. Sunrise Blvd            | Delivered on schedule | \$31,500<br>\$31,500            |                          |
| Foster Road WM Project                           | Delivered on schedule | \$26,200<br>\$26,200            |                          |
| SR 112 interchange from NW<br>17 Ave to NW 8 Ave | Delivered on schedule | \$136,000<br>\$136,000          |                          |

With hundreds of municipal projects successfully completed, Longitude Surveyors is well-versed in Land Surveying and Mapping and Underground Utility Locating to provide the City of Hollywood unparalleled service to meet the needs of this pursuit. Our detailed and directly relevant project descriptions and SF Form 330 are located on the following pages.







## PROFILE OF THE FIRM

## FIRM EXPERIENCE

## SHOWCASED PROJECTS

1



8-INCH PVC WATER MAIN  
IMPROVEMENT ALONG FOSTER ROAD

2



BAYSHORE DRIVE 18' FORCEMAIN  
REHABILITATION

3



P12413 - FLL UPSIZE  
FROM PS D-36 TO D-35

4



S 56 AVENUE (MARTIN LUTHER KING BLVD)  
FROM COUNTY LINE TO PEMBROKE ROAD

5



FDOT FM PROJECT NO. 435925-1-32-01

6



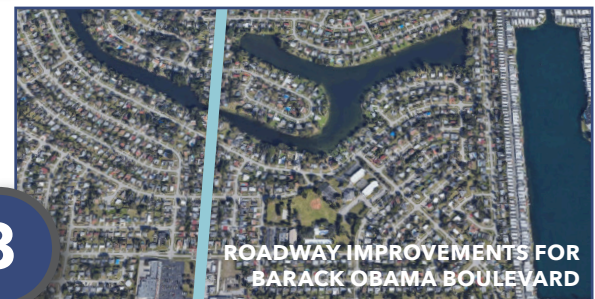
STORMWATER IMPROVEMENTS  
SOUTHEAST ISLES NEIGHBORHOOD

7



RECLAIMED WATER MAIN EXTENSION  
LYONS RD

8



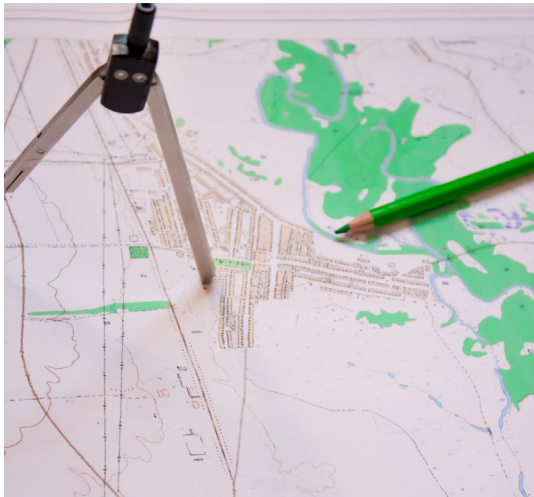
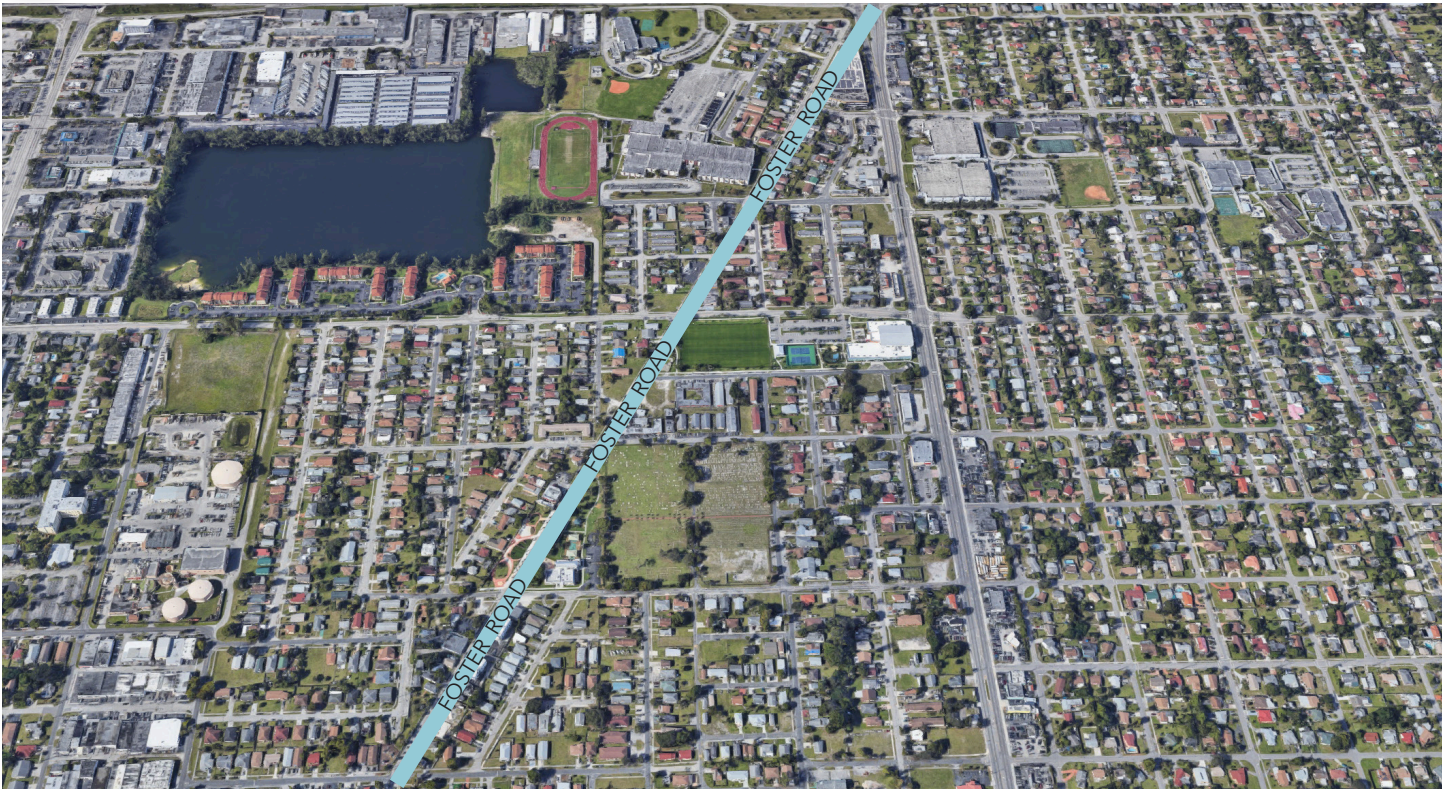
ROADWAY IMPROVEMENTS FOR  
BARACK OBAMA BOULEVARD



1

# 8 - INCH PVC WATER MAIN IMPROVEMENTS - FOSTER ROAD

HALLANDALE BEACH, FL



SCORING  
**3**  
CRITERIA



# PROFILE OF THE FIRM



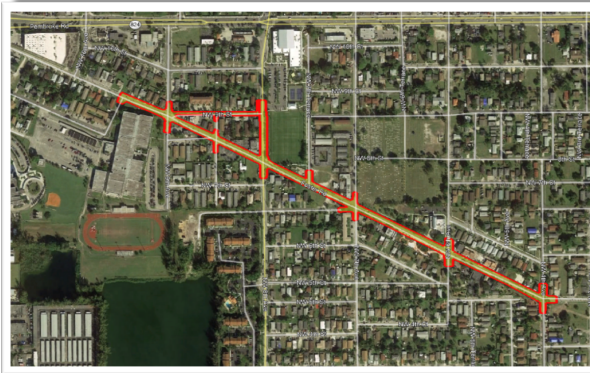
| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) |                          | 20. EXAMPLE PROJECT KEY NUMBER        |
|---|--------------------------|---------------------------------------|
|   |                          | 1                                     |
| 21. TITLE AND LOCATION ( <i>City and State</i> )  | 22. YEAR COMPLETED       |                                       |
| City of Hallandale Beach RFP #FY 2013-2014-006-Proposed 8-inch PVC Water Main Improvement along Foster Road   | PROFESSIONAL SERVICES    | CONSTRUCTION ( <i>if applicable</i> ) |
|   |                          |                                       |
| 23. PROJECT OWNER'S INFORMATION   |                          |                                       |
| a. PROJECT OWNER  | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER  |
| Stantec Consulting Services, Inc.   | Dave Clarke, PE          | 305-445-2900                          |
| 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)   |                          |                                       |

## Longitude Surveyors, LLC prepared a Topographic and Subsurface Underground Engineering (SUE)

### Scope of Work:

Longitude performed a Topographic, Drainage Survey, and SUE (Soft Digs) to include the following tasks:

- Right-of-Way and property lines for the project area shown graphically.
- A graphical baseline included.
- Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.
- Longitude located all trees and palms.
- Elevations taken equivalent to a 100-foot grid.
- Longitude surveyed 100 feet in each direction at every intersection.
- A digital terrain model (DTM) provided.
- Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.
- LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.
- All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.
- All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).
- Longitude performed utility locates and 10 soft digs along Foster Road.



| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT |   |          |
|---|---|----------|
| (1) FIRM NAME                                       | (2) FIRM LOCATION ( <i>City and State</i> ) | (3) ROLE |
| a.  |   |          |
| (1) FIRM NAME                                       | (2) FIRM LOCATION ( <i>City and State</i> ) | (3) ROLE |
| b.  |   |          |
| (1) FIRM NAME                                       | (2) FIRM LOCATION ( <i>City and State</i> ) | (3) ROLE |
| c.  |   |          |

2

## BAYSHORE DRIVE 18" FORCEMAIN REHABILITATION

FORT LAUDERDALE, FL



SCORING  
**3**  
CRITERIA



# PROFILE OF THE FIRM



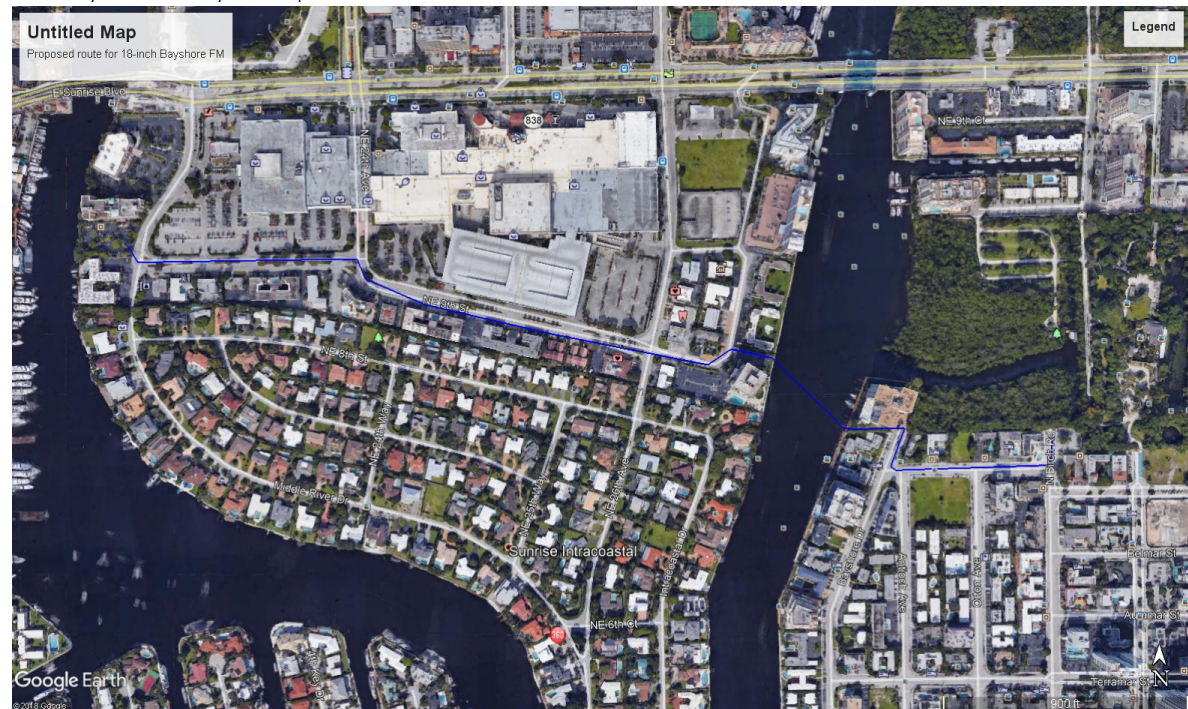
|  |  |  |
|--|--|--|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) |  | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><b>2</b>                              |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>Bayshore Drive 18" Forcemain Rehabilitation City of Fort Lauderdale</b>   |  | <b>22. YEAR COMPLETED</b><br>PROFESSIONAL SERVICES<br>CONSTRUCTION (if applicable) |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |  |  |
| <b>a. PROJECT OWNER</b><br>Chen Moore and Associates   | <b>b. POINT OF CONTACT NAME</b><br>Daniel Davila, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>954-730-0707                        |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>   |  |  |

## Longitude Surveyors, LLC prepared a Topographic, Bathymetric and Subsurface Underground Engineering (SUE)

### Scope of Work:

Longitude performed a Topographic, Bathymetric, and SUE (Soft Digs) to include the following tasks:

- Right-of-Way and property lines for the project area shown graphically.
- A graphical baseline included.
- Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.
- Longitude located all trees and palms.
- Elevations taken equivalent to a 25-foot grid.
- Longitude surveyed 500 feet in each direction at every intersection.
- A digital terrain model (DTM) provided.
- Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.
- LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.
- All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.
- All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).
- Longitude performed utility locates and 8 soft digs.
- A Bathymetric survey will be performed of the intracoastal.

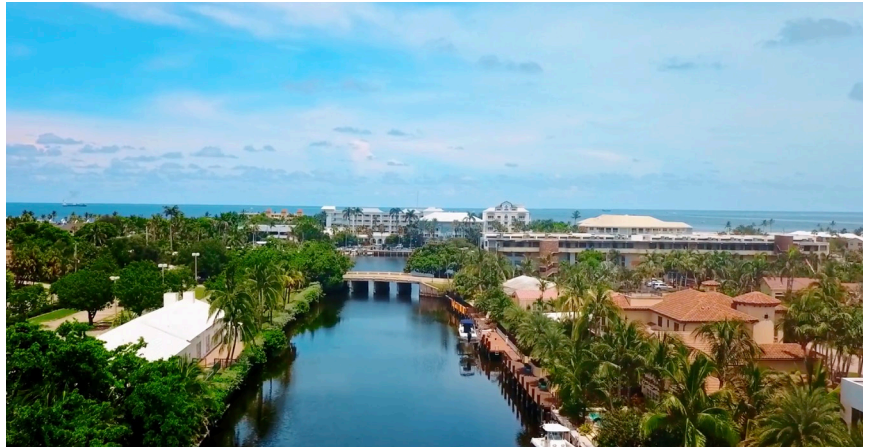




3

## FORCEMAIN UPSIZE FROM PS D-36 to PS D-35

FORT LAUDERDALE, FL



SCORING  
**3**  
CRITERIA



# PROFILE OF THE FIRM



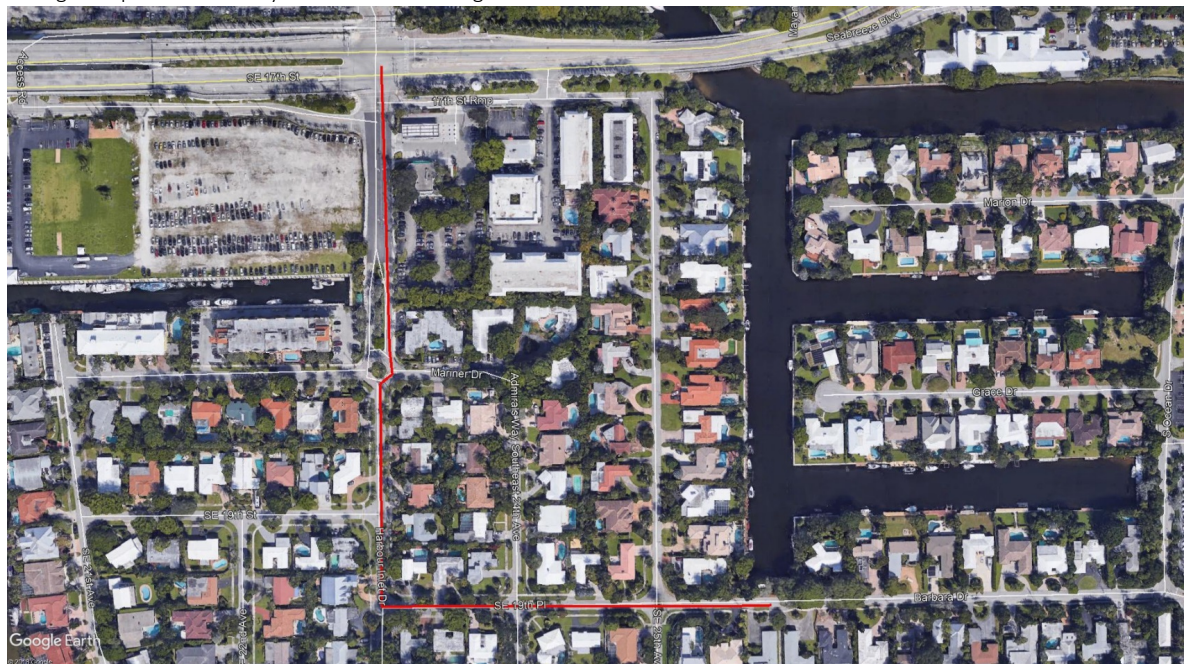
|  |  |  |
|--|--|--|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) |  | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><b>3</b>                              |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>P12413 - FLL FM Upsize from PS D-36 to D-35 Ft. Lauderdale, FL</b>  |  | <b>22. YEAR COMPLETED</b><br>PROFESSIONAL SERVICES<br>CONSTRUCTION (if applicable) |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |  |  |
| <b>a. PROJECT OWNER</b><br>Chen Moore and Associates   | <b>b. POINT OF CONTACT NAME</b><br>Daniel Davila, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>954-730-0707                        |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>   |  |  |

## Longitude Surveyors, LLC prepared a Topographic and Subsurface Underground Engineering (SUE)

### Scope of Work:

Longitude performed a Topographic, Bathymetric, and SUE (Soft Digs) to include the following tasks:

- Right-of-Way and property lines for the project area shown graphically.
- A graphical baseline included.
- Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.
- Longitude located all trees and palms.
- Elevations taken equivalent to a 25-foot grid.
- Longitude surveyed 50 feet in each direction at every intersection.
- A digital terrain model (DTM) provided.
- Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.
- LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.
- All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.
- All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).
- Longitude performed utility locates and 8 soft digs.



|  |   |                 |
|--|---|-----------------|
| <b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b> |   |                 |
| <b>a. (1) FIRM NAME</b>                                    | <b>(2) FIRM LOCATION (City and State)</b> | <b>(3) ROLE</b> |

4

## MARTIN LUTHER KING BLVD. TOPGRAPHIC SURVEY

CITY OF WEST PARK, FL



SCORING  
**3**  
CRITERIA



# PROFILE OF THE FIRM



|  |   |  |
|--|---|--|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(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><br><br><b>4</b>                              |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>S 56 Avenue (aka Martin Luther King Blvd) from County Line Road to Pembroke Road located in the City of West Park, Florida</b>  |   | <b>22. YEAR COMPLETED</b><br>PROFESSIONAL SERVICES<br>CONSTRUCTION (if applicable) |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |   |  |
| <b>a. PROJECT OWNER</b><br><br>The Corradino Group   | <b>b. POINT OF CONTACT NAME</b><br><br>Marvin Guillen, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br><br>305-594-0735                    |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>   |   |  |

## Longitude Surveyors, LLC prepared a Topographic Survey

### Scope of Work:

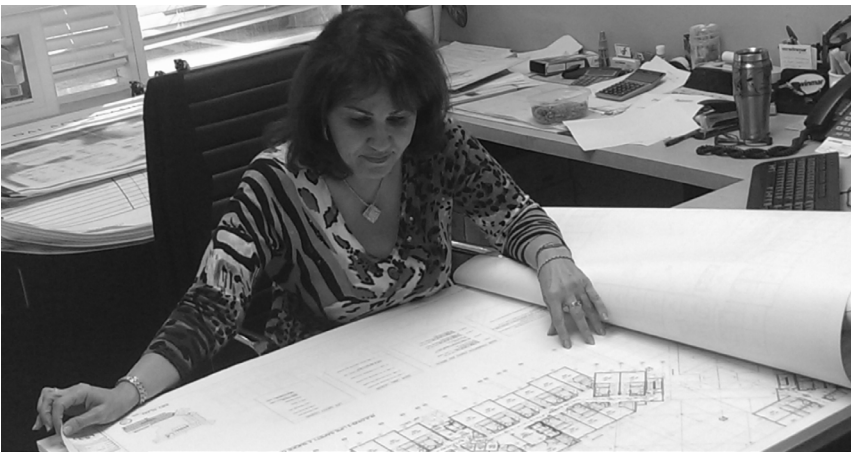
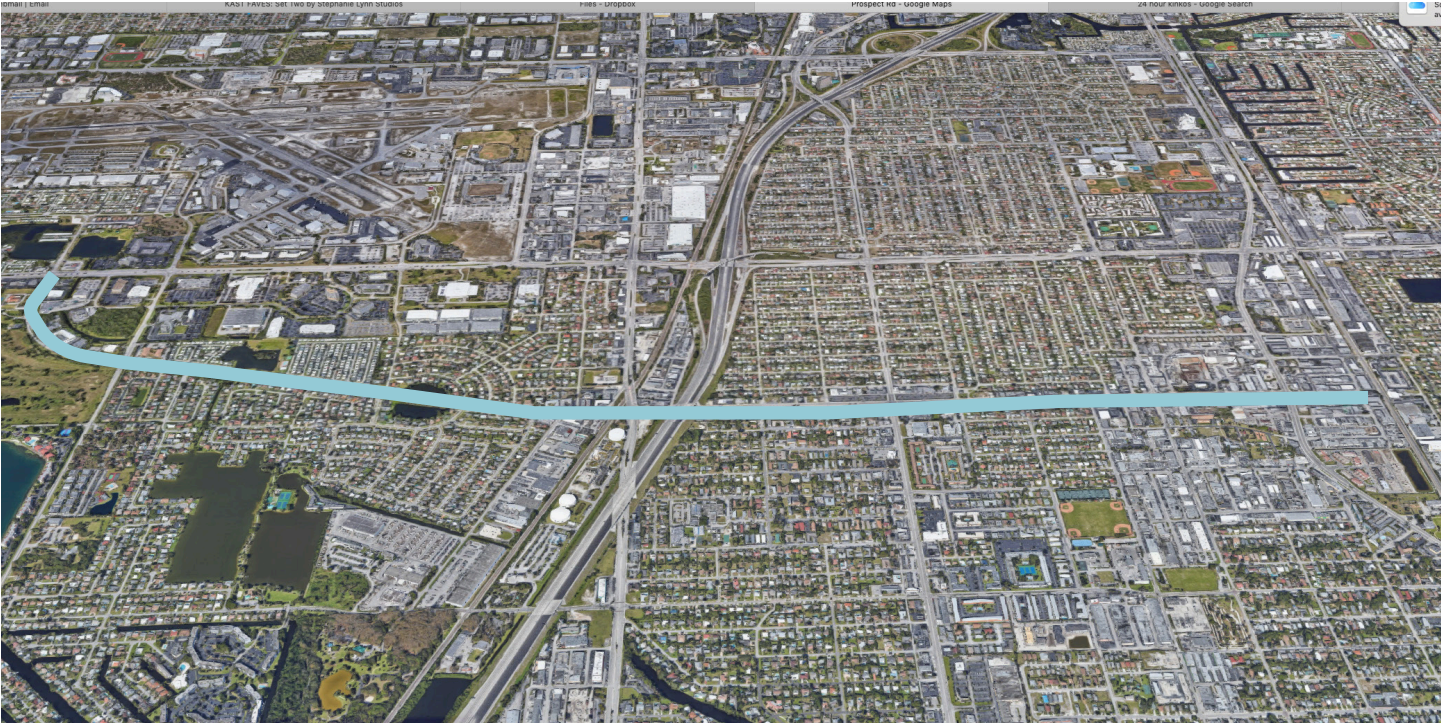
Longitude performed a Topographic Survey to include the following tasks:

- Right-of-Way and property lines for the project area shown graphically.
- A graphical baseline included.
- Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.
- Longitude located all trees and palms.
- Elevations taken equivalent to a 50-foot grid.
- Longitude surveyed 100 feet in each direction at every intersection.
- A digital terrain model (DTM) provided.
- Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.
- LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.
- All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/1990.
- All elevations referenced to the National American Vertical Datum of 1988 (NGVD29).

| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT |                                    |          |
|---|------------------------------------|----------|
| (1) FIRM NAME                                       | (2) FIRM LOCATION (City and State) | (3) ROLE |
| a.  |                                    |          |
| (1) FIRM NAME                                       | (2) FIRM LOCATION (City and State) | (3) ROLE |
| b.  |                                    |          |
| (1) FIRM NAME                                       | (2) FIRM LOCATION (City and State) | (3) ROLE |
| c.  |                                    |          |

# 5 FDOT FM PROJECT NO. 435925-1-32-01 PROSPECT RD

UNINCORPORATED BROWARD COUNTY



SCORING  
**3**  
CRITERIA





## 6 STORMWATER IMPROVEMENTS - SE ISLE NEIGHBORHOOD

CITY OF FORT LAUDERDALE, FL



SCORING  
**3**  
CRITERIA



# PROFILE OF THE FIRM



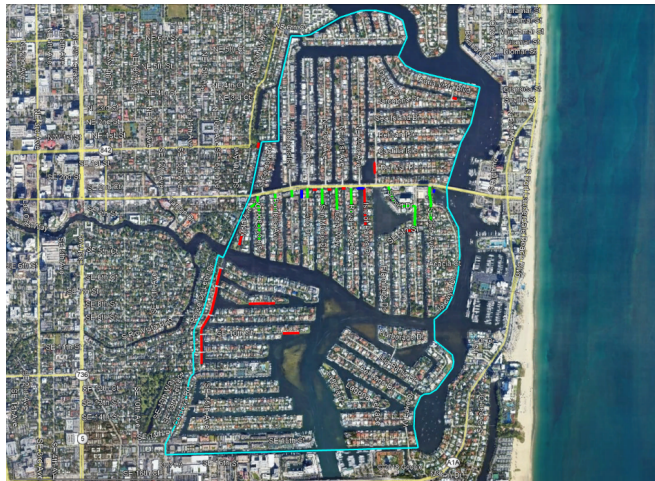
| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) |                           | 20. EXAMPLE PROJECT KEY NUMBER        |
|---|---------------------------|---------------------------------------|
|   |                           | 6                                     |
| 21. TITLE AND LOCATION ( <i>City and State</i> )  | 22. YEAR COMPLETED        |                                       |
| Project No. 12074 Stormwater Improvements Southeast Isles Neighborhood Survey<br>E. Las Olas Boulevard located in the City of Fort Lauderdale, Florida  | PROFESSIONAL SERVICES     | CONSTRUCTION ( <i>if applicable</i> ) |
|   | Surveying and Mapping     |                                       |
| 23. PROJECT OWNER'S INFORMATION   |                           |                                       |
| a. PROJECT OWNER  | b. POINT OF CONTACT NAME  | c. POINT OF CONTACT TELEPHONE NUMBER  |
| Hazen and Sawyer  | Liz Feliberty-Ruberte, PE | 954-967-7090                          |
| 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)   |                           |                                       |

## Longitude Surveyors, LLC prepared a Topographic, Bathymetric and Mean High Water Survey

### Scope of Work:

This project includes many different design components.

- (1) Inline check valves (tidal valves) installed on 101 outfalls.
- (2) Twelve City owned Seawall survey included docks, electrical panels, water lines, etc.
- (3) Two stormwater pump stations
- (4) Additional stormwater improvements such as inlets/outlets and roadway existing improvements with 50-foot cross-section intervals along the roadways and extend approximately 10-15 feet outside the right of way where accessible and permitted by the adjacent property owners.
- (5) Tree survey for existing trees, three 3" inches in diameter and above, at four 4' feet above ground, shall be located and identified with diameter and common name.
- (6) Bathymetric survey approximate 5,020 ft length of along seawalls. The survey extended from the face of the seawall to 25-ft waterward. Cross sections every 50-ft along length of seawall and extending across limits of survey. Provided measurements of seawall features at 100 ft intervals where a wall's footing began or ended, rip rap rubble with supplemental seawall sketch. Location and edge of the underwater concrete cap, waterward structure below the water line, outfalls location and inverts, and base rubble out to the channel.

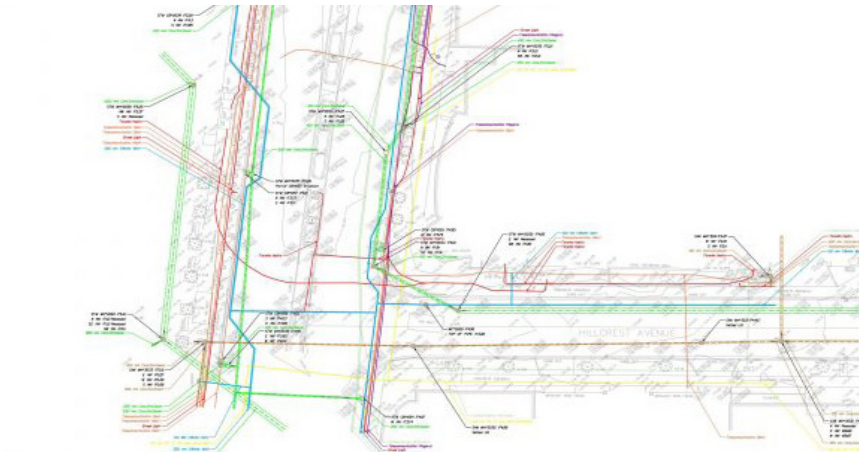
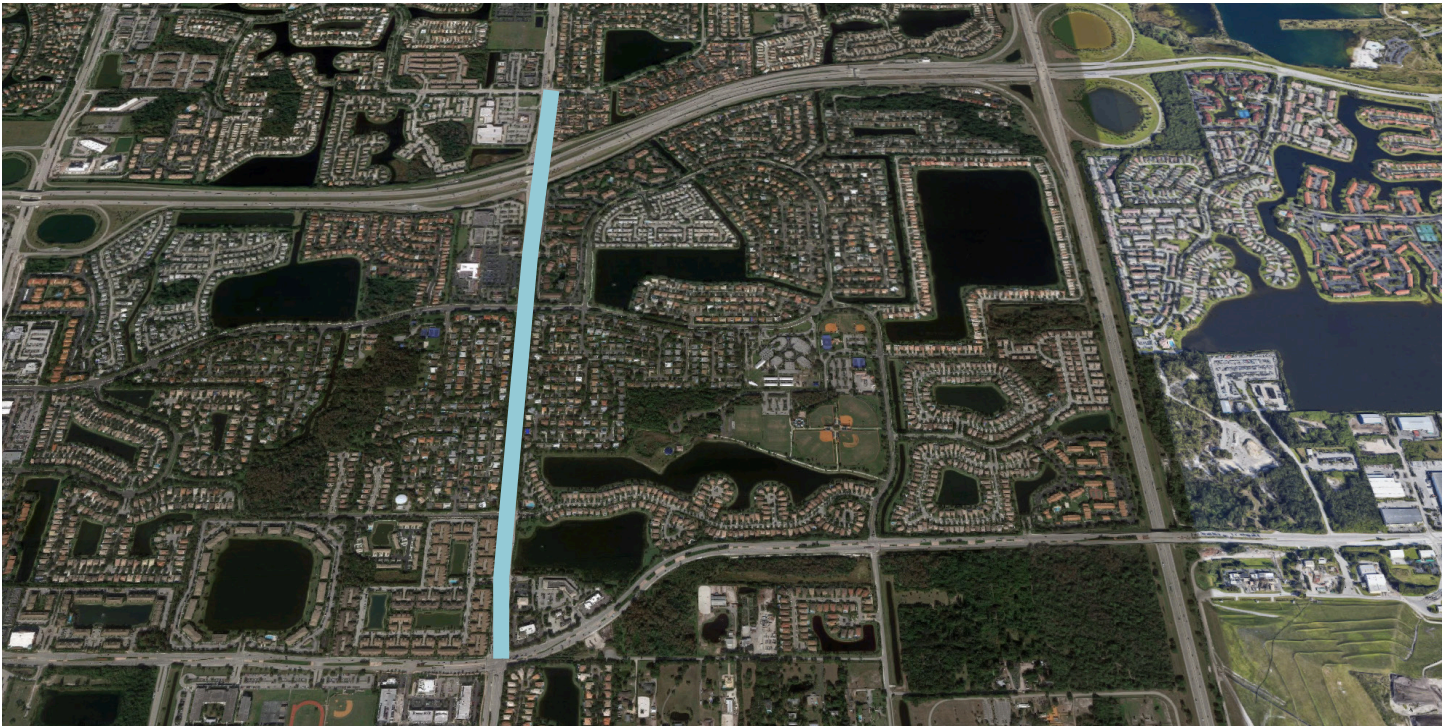


| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT |   |                       |
|---|---|-----------------------|
| (1) FIRM NAME                                       | (2) FIRM LOCATION ( <i>City and State</i> )   | (3) ROLE              |
| a. Longitude Surveyors                              | 7769 NW 48 Street, Suite 375, Doral, FL 33166 | Surveying and Mapping |
| (1) FIRM NAME                                       | (2) FIRM LOCATION ( <i>City and State</i> )   | (3) ROLE              |
| b.  |   |                       |
| (1) FIRM NAME                                       | (2) FIRM LOCATION ( <i>City and State</i> )   | (3) ROLE              |
| c.  |   |                       |

7

# RECLAIMED WATER MAIN - LYONS ROAD

CITY OF COCONUT CREEK, FL



SCORING  
**3**  
CRITERIA



# PROFILE OF THE FIRM



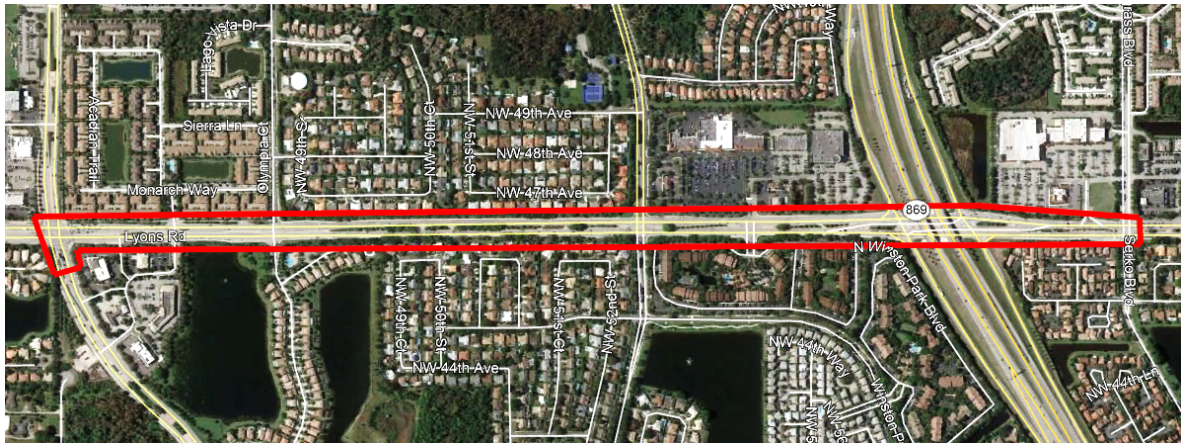
|  |   |   |
|--|---|---|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) |   | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><b>7</b>                           |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>Reclaimed Water Main Extension from Lyons Road between Wiles Road to Serko Blvd located in the City of Coconut Creek, Florida</b>   |   | <b>22. YEAR COMPLETED</b><br><br>PROFESSIONAL SERVICES<br>Surveying and Mapping |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |   |   |
| <b>a. PROJECT OWNER</b><br>R.J. Behar & Company, Inc.  | <b>b. POINT OF CONTACT NAME</b><br>Javier Rodriguez, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>954-980-7771                     |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>   |   |   |

## Longitude Surveyors, LLC prepared a Topographic Survey and Subsurface Underground Engineering (SUE)

### Scope of Work:

Longitude performed a Topographic, Drainage Survey, and SUE (Soft Digs) to include the following tasks:

- Right-of-Way and property lines for the project area shown graphically.
- A graphical baseline included.
- Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.
- Longitude located all trees and palms.
- Elevations taken equivalent to a 100-foot grid.
- Longitude surveyed 100 feet in each direction at every intersection.
- Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.
- LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.
- All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/2011 and elevations referenced to NAVD88.
- All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).
- Longitude performed utility locates and 19 soft digs along Lyons Road.



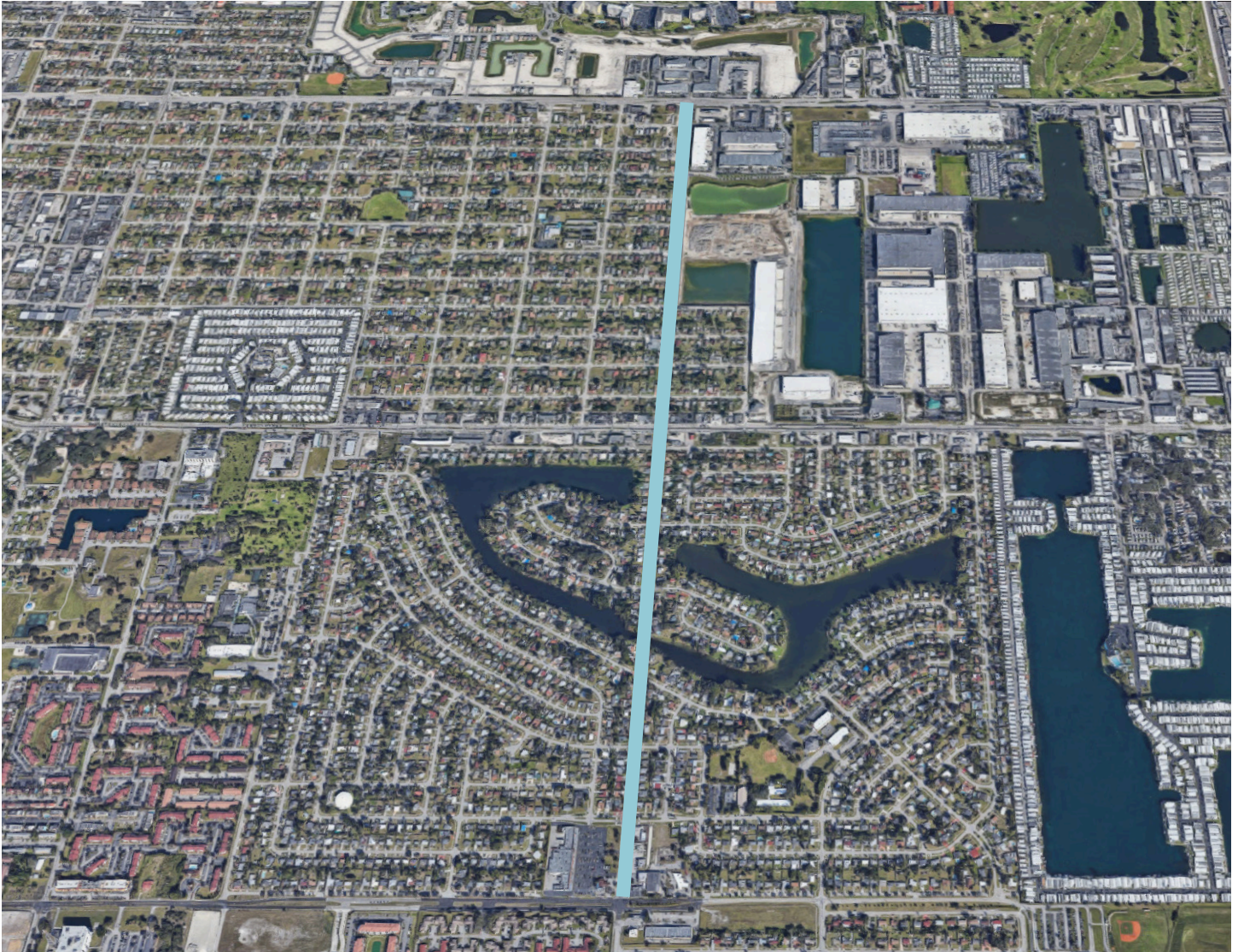
|  |  |  |
|--|--|--|
| <b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b> |  |  |
| <b>(1) FIRM NAME</b><br>a. Longitude Surveyors             | <b>(2) FIRM LOCATION (City and State)</b><br>7769 NW 48 Street, Suite 375, Doral, FL 33166 | <b>(3) ROLE</b><br>Surveying and Mapping |
| <b>(1) FIRM NAME</b><br>b.                                 | <b>(2) FIRM LOCATION (City and State)</b>  | <b>(3) ROLE</b>                          |
| <b>(1) FIRM NAME</b><br>c.                                 | <b>(2) FIRM LOCATION (City and State)</b>  | <b>(3) ROLE</b>                          |



# 8

## ROADWAY IMPROVEMENTS - BARACK OBAMA BLVD.

CITY OF WEST PARK, FL



SCORING  
3  
CRITERIA



# PROFILE OF THE FIRM



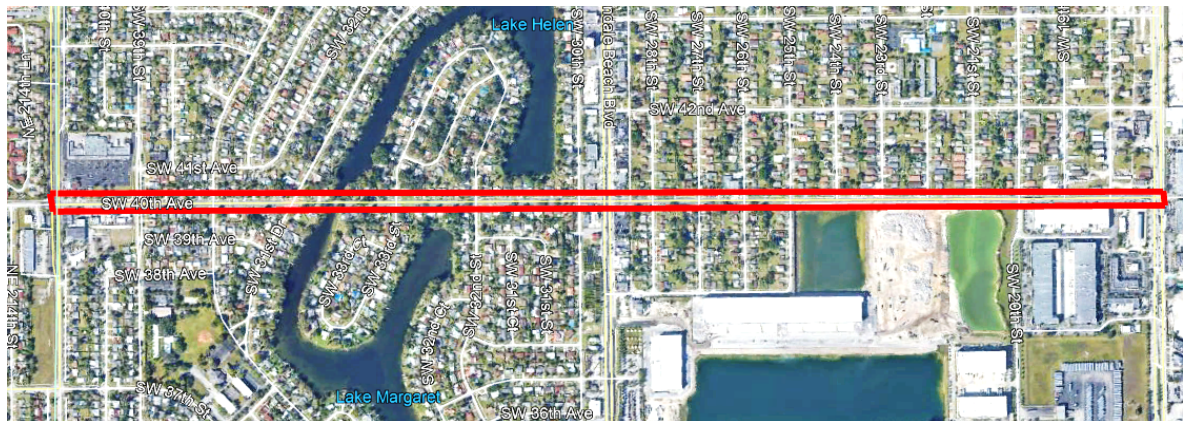
|  |   |   |
|--|---|---|
| <b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) |   | <b>20. EXAMPLE PROJECT KEY NUMBER</b><br><br><b>8</b>                           |
| <b>21. TITLE AND LOCATION (City and State)</b><br><br><b>Roadway Improvements for SW 40th Avenue (Barack Obama Boulevard) between NE 215 Street and Pembroke Road located in the City of West Park, Florida</b>                        |   | <b>22. YEAR COMPLETED</b><br><br>PROFESSIONAL SERVICES<br>Surveying and Mapping |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |   |   |
| <b>a. PROJECT OWNER</b><br>BCC Engineering, Inc.   | <b>b. POINT OF CONTACT NAME</b><br>Jose Otero, PE | <b>c. POINT OF CONTACT TELEPHONE NUMBER</b><br>305-670-2350                     |
| <b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>   |   |   |

## Longitude Surveyors, LLC prepared a Topographic Survey.

### Scope of Work:

Longitude performed a Topographic Survey to include the following tasks:

- Right-of-Way and property lines for the project area shown graphically.
- A graphical baseline included.
- Location of all overhead and ground utilities, sidewalks, curb and gutters, paved roads, driveways, light poles, power poles, fire hydrants, fences, signs, manholes, catch basins, valves/valve boxes, and any other above-ground improvements within the Survey limits.
- Longitude located all trees and palms.
- Elevations taken equivalent to a 50-foot grid.
- Longitude surveyed 50 feet in each direction at every intersection.
- Longitude collected rim elevations, bottom elevations and inverts of all drainage and sanitary structures.
- LS set TBM's outside the project limits, in locations where they can be used by the contractor during construction.
- All control points established with Northing and Easting coordinates referenced to the Florida State Plane Coordinate System, based on the North American Datum of 1983/1990 and elevations referenced to NAVD88.
- All elevations referenced to the National American Vertical Datum of 1988 (NAVD88).



|  |  |  |
|--|--|--|
| <b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b> |  |  |
| <b>(1) FIRM NAME</b><br>a. Longitude Surveyors             | <b>(2) FIRM LOCATION (City and State)</b><br>7769 NW 48 Street, Suite 375, Doral, FL 33166 | <b>(3) ROLE</b><br>Surveying and Mapping |
| <b>(1) FIRM NAME</b><br>b.                                 | <b>(2) FIRM LOCATION (City and State)</b>  | <b>(3) ROLE</b>                          |
| <b>(1) FIRM NAME</b><br>c.                                 | <b>(2) FIRM LOCATION (City and State)</b>  | <b>(3) ROLE</b>                          |





## PROFILE OF THE FIRM

### FIRM EXPERIENCE



### **E. LITIGATION HISTORY**

Provide information on any litigation (settled or pending) the firm has been involved in within the last five (5) years.

Longitude Surveyors has not had any litigation within the last 5 years.



A surveyor wearing a yellow hard hat and a blue shirt is using a theodolite mounted on a tripod. The theodolite is orange and black. The surveyor's hands are visible, adjusting the instrument. The background is blurred, showing a construction site with a green safety vest and a grey structure.

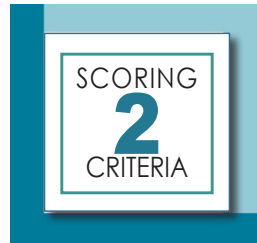
# TEAM RESUMES

## PROFILE OF THE FIRM

### STAFF EXPERIENCE



## F. SIMILAR PROJECT EXPERIENCE



Describe the experience in conducting similar projects for each of the staff assigned to the engagement. Describe the relevant educational background of each individual. Commitment of staff to remain on the project:

Our strong leadership is followed by an exceptional team of professionals with extensive experience in Land Surveying and Mapping.

We are proud of **our local depth of resources coupled with our proven track record of success making us the right team** for the contract anticipated under this RFQ. Our proposed team is committed to remain on the project and we are available 24/7, ready to respond immediately to provide innovative, sustainable solutions on-time and within budget.

Our passion and enthusiasm for this contract stems from our commitment to help build resilient communities. We look forward to your favorable consideration.

On the following pages we have provided resumes of our key personnel for this pursuit.





**Eddie Suarez, PSM**  
**PRINCIPAL-IN-CHARGE/PRINCIPAL SURVEYOR**

**Years of Experience:** 31

**Education:** Associates of Science, Miami Dade College 1993

**Professional Registration/Certifications:** Professional Surveyor and Mapper Florida, United States No. LS6313  
Issued: 07/15/2001

**Overview:**

Eduardo (Eddie) Suarez, PSM, has been in the Land Surveying profession in South Florida for the past 31 years. Eddie administers the daily operation of Longitude Surveyors, and the preparation of a wide variety of projects and surveys. His diverse blend of private and public sector executive leadership developed through progressive management and operations experience have led to a consistent history of building and leading teams that develop and execute successful strategies. Mr. Suarez recently served as Lead Surveyor for the Environmental Compliance Division of the Solid Waste Department of Miami-Dade County for over 5 years. Eddie currently serves as Director for the FES Miami Chapter Board. Longitude Surveyors has served as a Prime & Sub-Consultant for the following entities: City of Miramar, Village of Pinecrest, City of Coral Gables, Village of Key Biscayne, Village of Palmetto Bay, Town of Cutler Bay, City of Homestead, City of Doral, City of Hollywood, Miami Shores, North Miami, and North Miami Beach. Over that time Eddie has gained the experience as both, a project manager and Principal in Charge.

**Relevant Experience:**

**900 N. Federal Highway, Hollywood, Florida**

Principal in Charge, Longitude Surveyors performed and prepared an Update Survey and recertification. Project Dates: 2016 to 2016 | Client Reference: Seagull Title Company, Maggie Lozano, 305-682-1110 maggy@seagulltitle.com

**2212-2214 Lee Street, Hollywood, Florida**

Principal in Charge, Longitude Surveyors performed and prepared a Boundary Survey which included: control, and survey the rights of way within survey limits. Project Dates: 2016 to 2016 | Client Reference: Lydecker Diaz, Diana Beaz Cluff, 305-416-3180 dbeaz@lydeckerdiaz.com

**US-27/SR 25/ Okeechobee Rd. from East of N.W. 107th Avenue to E. of N.W. 116th Way Miami, FL**

Principal in Charge, performed and prepared the following: horizontal and vertical control, collected topographic information, and Right-of-Way Surveys for the design of new intersection alignments and Frontage Road improvements. Additionally, responsible for Right-of-Way Mapping of the corridor which included the North Frontage Road and NW South River Drive. Project Dates: 2016 to 2016 | Client Reference: A&P Consulting Transportation Engineers (APCTE), Tony Acosta, P.E. (305) 592-7283 tacosta@apcte.com

## PROFILE OF THE FIRM

### KEY PERSONNEL RESUMES



**Five (5) Intersections along SR-802/Lake Worth from Sherwood Forest Boulevard to SR 809/ Military Trail, FL**  
(FM No.: 437884-1-32-01) Principal in Charge, Longitude Surveyors performed and prepared a Topographic Survey which included Right-of-Way mapping, Digital Terrain Model, (SUE) Underground Utilities, provided surface utility designation, subsurface utility location (VVH – verified vertical and horizontal), and Survey surfaces; designated and marked the horizontal location of found underground utilities at proposed mast arm signal and lighting pole locations.

Project Dates: 2016 to 2016 | Client Reference: Scalar Consulting Group, Inc., Julio Delgado, P.E., (561) 429-5065, [jdelgado@scalarinc.net](mailto:jdelgado@scalarinc.net)

**Reuse Distribution System for Sawgrass International Corporate Parkway & Markham Park, Sunrise, Florida**  
Principal in Charge, Longitude Surveyors performed and prepared a Route Survey at the intersection of Weston Road and Blatt Boulevard providing the following information: control, topographical, designate underground utilities, and survey the rights of way. LS performed a 3-D Topographic Survey which included changes in ground elevations, curb and gutters, surface evidence of underground utilities, inverts of accessible sanitary, drainage structures, canal cross sections and location of trees. Side streets were surveyed 100-feet from center of intersection of route.

Project Dates: 2015 to 2015 | Client Reference: Arcadis US, Patrick Flannelly, 954-761-3460 [Patrick.Flannelly@arcadis.com](mailto:Patrick.Flannelly@arcadis.com)

#### **Sheridan Enterprises, 2315 N. 60th Avenue, Hollywood, Florida**

Principal in Charge, Longitude Surveyors performed and prepared an ALTA Survey.

Project Dates: 2016 to 2016 | Client Reference: Summit Group, Eric Guerra, 786-621-5226 [eguerra@summitgables.com](mailto:eguerra@summitgables.com)

#### **Stormwater - Outfalls, Key Biscayne, Florida**

Principal in Charge, Longitude Surveyors performed and prepared a Topographic survey which included the following information: roadways, sidewalks, fences, walls, paved areas, drains, planters, utilities, light poles, power poles, driveways, catch basins, curbs, signs and all other aboveground improvements within the limits of the survey. LS collected all invert, pipe size, material and direction of all drainage structures. Points collected with an elevation component. The limits of each survey were approximately from the outfall to the landward connecting structure. The width of the survey was approximately 25-feet to either side of the connecting line from the outfall to the landward structure. The total width of each survey was 50-feet wide.

Project Dates: 2016 to 2016 | Client Reference: EAC Consulting, Inc., Michael Adeife, P.E., 305-265-5400 [madeife@eacconsult.com](mailto:madeife@eacconsult.com)

### *Key Qualifications*

- Extensive experience performing surveying and mapping services for underground utilities
- Proficient in the use of ArcGIS
- Proficient in the use of ground penetration radar technology

SCORING  
**2**  
CRITERIA



## **Daniel Ferrera** **PROJECT MANAGER**

**Years of Experience:** 18

**Education:** Civil Engineering Associates Degree Miami Dade College, Miami, Florida 2003

### **Overview:**

Mr. Ferrera has over 18 years of experience in the surveying profession. Dan initially started as CADD Technician and currently serves as Production Manager and provides daily office support to the field crews. He is knowledgeable using the standard methods, practices and procedures for all of the following: ALTA Surveys, Topographic Surveys, Boundary Surveys, Construction Layout, Right-of-Way Mapping and Digital Terrain Modeling (DTM's). He is proficient in software's and hardware's such as AutoCAD, Carlson, Land Development, MicroStation V8, Geopak, CAiCE Leica Office 8.2 Trimble, MS Office Suite, Total Stations, electronic levels and GPS. Dan is a team player that brings knowledge and experience to any project at hand.

### **Relevant Experience:**

#### **1425 Diplomat Parkway, Hollywood, FL**

Production Manager, Longitude Surveyors performed and prepared a Map Boundary Survey with elevations for the property. The purpose of the survey, design purposes.

Project Dates: 2016 to 2016 | Client Reference: Aryeh Birnhack, C/O

Jennifer McConney-Gayoso, (305) 606-4105 jennifer@mcgarchitecture.com

#### **2212-2214 Lee Street, Hollywood, FL**

Production Manager, Longitude Surveyors performed and prepared a Boundary Survey which included: control, and survey the rights of way within survey limits.

Project Dates: 2016 to 2016 | Client Reference: Lydecker Diaz, Diana Beaz Cluff, (305) 416-3180 dbeaz@lydeckerdiaz.com

#### **2307 East Hallandale Beach Boulevard, Hallandale, FL**

Production Manager, Longitude Surveyors performed and prepared a Topographic and Utility Survey to include the following: located building, pavement, and medians. Located and described all manholes, catch basins, area inlets, fire hydrants, detector check assemblies and other waterline appurtenances, valve boxes, pull boxes, meters (water, gas, electric), transformer pad/cabinet, switch pad/cabinet, and any other utility appurtenance visible at or above the surface. LS designated using surface detection equipment such as: Ground Penetrating Radar (GPR) and an Electromagnetic locator.

Project Dates: 2016 to 2016 | Client Reference: CPWG, Inc., Jeff Earhart, P.E.,  
(407) 667-1012 jeff.earhart@cpwgengineering.com



## PROFILE OF THE FIRM

### KEY PERSONNEL RESUMES



#### **3801 Hollywood Boulevard, Hollywood, FL**

Production Manager, Longitude Surveyors performed and prepared a Topographic Survey to be performed with 3D laser scanning.

Project Dates: 2017 to 2017 | Client Reference: CPWG, Inc., Jeff Earhart, P.E., (407) 667-1012 jeff.earhart@cpwgengineering.com

#### **5650 Oaktree Avenue, Hollywood, FL**

Production Manager, Longitude Surveyors performed and prepared a Boundary Survey to include the following information: located all, lot lines, buildings, paved areas, utility castings, existing driveways (identify if asphalt, concrete, pavers, etc.) catch basins, concrete slabs, walkways, sidewalks, mailboxes, signs, poles (including guy wires), fences, and all other above ground features within the survey limits. Collected elevations for the preparation of the elevation certificate.

Project Dates: 2015 to 2016 | Client Reference: Prime Group USA, Jorge Cepero, (954) 392-8788 jorgec@primegroupus.com

#### **5930 Thomas Street, Hollywood, FL**

Production Manager, Longitude Surveyors performed and prepared a Boundary Survey with Title Review and elevations for the property.

Project Dates: 2017 to 2017 | Client Reference: Summit Group, Eric Guerra, (786) 621-5226 eguerra@summitgables.com

#### **Crystal Lakes Apartments, 2900 N 24th Avenue, Hollywood, FL**

Production Manager, Longitude Surveyors updated the Title Commitment for the property. The purpose of the ALTA Survey, to be submitted to the US Department of Housing and Urban Development (HUD).

Project Dates: 2016 to 2016 | Client Reference: Crystal Lakes Redevelopment, LTD, Ann Diebert C/O Peter Jannis, (954) 739-1114 pjannis@bchafl.org

#### **Hollywood Water Plant, Hollywood, FL**

Production Manager, Longitude Surveyors performed and prepared a Construction Layout Survey for Hollywood Water Plant.

### *Key Qualifications*

- Surveying expertise
- Use of cutting edge technology
- Senior Cadd Technician

SCORING  
**2**  
CRITERIA



**Darryl J. Hauser, PSM**  
**QUALITY CONTROL (QA/QC)**

**Years of Experience:** 17

**Education:** Bachelor of Science, Surveying & Mapping  
University of Florida 1990, Post Baccalaureate Study  
1992

**Professional Registration/Certifications:** Professional Surveyor  
and Mapper Florida, United States No. LS6277  
Issued: 07/09/2001

**Overview:**

Darryl J. Hauser, PSM, has been in the Land Surveying profession in South Florida for the past 17 years. Darryl has experience working on diverse projects. He has experience in both the public and private sectors. Darryl worked at Florida Department of Transportation District VI as a Surveyor & Mapper. He also has experience managing drafting personnel and field crews. He is familiar with the District, its procedures and expectations.

**Relevant Experience:**

**FDOT District IV, Blue Heron Boulevard (State Road 708)**

**Blue Heron Boulevard (State Road 708), University Avenue (State Road 817), Powerline Road (State Road 845), and State Road 7**

Project Dates: 2006 – 2010

Project Description: Survey to include Right-of-Way Mapping, Right-of-Way and property lines for the project and adjacent areas, graphical baseline, reviewed Title Searches, drafting in MicroStation & GeoPak, directed field personnel with project specifications, prepared and reviewed Right-of-Way Location Surveys

**Fontainebleau Hotel, 4441 Collins Avenue, Miami Beach, Florida 33410**

Project Dates: 2011 – 2015

Prepared ALTA/ACSM Survey updates, reviewed Title Commitments, updates, directed field crew personnel; elevations, Specific Purpose Survey for the property, beach profile, horizontal and vertical control,

**Loews Hotel, 1601 Collins Avenue, Miami Beach, Florida**

Project Dates: 2011 – 2015

Prepared ALTA Survey updates, reviewed Title Commitments, reviewed Survey updates including physical structural updates, directed AutoCAD personnel in project process; beach profiles in MicroStation, horizontal and vertical control; reviewed location of above-ground improvements, prepared and reviewed FEMA Elevation Certificates, flood elevation

## PROFILE OF THE FIRM

### KEY PERSONNEL RESUMES



#### **Cleveland Clinic, Broward County**

Project Dates: 2009 – 2016

Managed updates of two Boundary Surveys, directed field crews with field work, horizontal and vertical control, reviewed information and prepared Sketch & Legal Descriptions; QA/QC

#### **Don Shula Expressway (State Road 874) & Interstate 75 (State Road 9e)**

Project Dates: 2010 – 2013

Prepared Right-of-Way Corridor Maps for each of the following State Roads in Florida Department of Transportation District VI, Palmetto Expressway (State Road 826), Don Shula Expressway (State Road 874), and Interstate 75 (State Road 93); GeoPak Computation, located right-of-way and property lines, drafting in MicroStation, directed field crews with work to be performed; Project Management

#### **Mary Brickell Village, 901 South Miami Avenue, Miami, Florida 33130**

Project Dates: 2006 – 2008

Updated As-Built Surveys, reviewed project, QA/QC, signed and sealed, horizontal and vertical control, reviewed FEMA Elevation Certificates, flood elevations, signed & sealed final documents

#### **Multiple FDOT Project Network Control (P.N.C.) Projects for FDOT Districts IV & VI**

Project Dates: 2007 – 2016

Drafting in MicroStation & computed in GeoPak; alignment determination; horizontal and vertical control, directed field crews; determination of findings; QA/QC

### *Key Qualifications*

- Registered Surveyor + Mapper
- Over 17 years Experience
- Wealth of Municipal Project Experience

SCORING  
**2**  
CRITERIA





## **Pedro Elias Gonzalez, PSM, MSc, ME, ENV SP** **AERIAL PHOTOGRAMMETRY/DRONE SPECIALIST**

**Years of Experience:** 17

**Education:** ME, University of California, Davis, 1986 (Water Resources Engineering- Operations Research) MSc Land & Water Science, University of California, Davis 1984 (Irrigation & Sub-surface Drainage) BS, Agr. Engineering, Universidad Central de Venezuela, 1979

**Professional Registration/Certifications:** Professional Surveyor and Mapper, State of Florida LS7189

### **Overview:**

As a leading surveyor and mapper, he was responsible in charge for over 50 Large scale Geodetic, Topographic and Bathymetric surveys from conception to completion, for over 3000 miles for linear or corridor oriented projects and for over 20.000 acres in the case of non-linear projects. Latest GPS technology (Stationary and Real time-kinematics) was used to enhance accuracy and shorten the surveying times. Among key project is a 550 km geodetic network for the Llanos Centrales highway, from Tinaco to Aragua de Barcelona, Venezuela. Also, he managed all phases of a LIDAR survey for a 30 km highway design strip between Moron Petrochemical Plant and the Port of Puerto Cabello in Venezuela; and a 4000 acre LIDAR Survey nearby Caracas, in joint-venture with a Swiss firm. Also, he was the Task Leader for the WASD Consent Decree PMCM, for the Water Collection and Transmission system overseeing the design of over 92 Projects. Lately, he successfully completed over 40 Photogrammetric projects using Drones in Miami Dade and Broward County.

As a Water Resources and Soil Conservation Engineer he has 35 years of experience in the fields of Hydrology and Hydraulic Modeling; Surface and subsurface drainage design; Corridor evaluation and design for over 4000 miles of oil and gas pipelines (20" to 42"); Mathematical modeling for optimal distribution of water and energy deliveries; Environmental Impact Assessment for more than 25 projects for the oil and Hydroelectric industry; environmental auditing studies for reopening closed oil fields; preliminary/feasibility design reports; permitting, and cost estimating; Land reclamation projects for more than 5000 acres in poorly drained soils; high proficiency with Classical, GPS and LIDAR technologies for geodetic/topographic/bathymetric surveys; several miles of expertise on road design and construction management. Lecturer in graduate courses for the Environmental Engineering Master Program at the Universidad Católica Andres Bello; as well as for the Water Resources Engineering Master Program at the Universidad Simon Bolivar, both well-known and reputable Universities in Caracas, Venezuela. Finally, he worked for Modeling Support Section at the California State Department of Water Resources, in Sacramento, on the developing of a mathematical optimization model for the hydraulic and hydrologic features of the California State Water project, aimed to optimal deliveries of water and power under simulated severe drought conditions. He also worked as a postgraduate researcher, teaching assistant and a reader for hydraulic, irrigation and soil management upper division courses at the University of California, Davis and published technical papers for the British Journal of Microsoftware for Engineers.

## PROFILE OF THE FIRM

### KEY PERSONNEL RESUMES



He managed the construction work for several roads, highway and railroad projects dealing with earth movement and hydraulic structures. Also worked as a construction inspector for the facilities at a 20.000 acre irrigation system in west Venezuela (roads, open diversion and distribution water channels, diversion dams, storm drainage channels, land leveling, etc.)

Internationally, Mr. Gonzalez worked in several projects, among the most important are: environmental impact assessment study for the Chilean-Argentinean natural gas pipeline; sediment transport assessment study for the Rio Blanco Hydroelectrical project in Dominican Republic; environmental impact assessment for the Siquirre-Guayabo river diversion project in Costa Rica. Other minor projects were conducted in Panama, Curaçao, Bonaire, Antigua and Santa Lucia.

Mr. Gonzalez has a well-founded expertise on Water Resources Engineering, Utility Corridor Assessment and land-Soil management that combined with his high proficiency with mapping sciences (imagery, data acquisition, digital elevation models, LIDAR surveys, geodetic networking) results in an exceptional synergy that deliver high value to project accomplishment in terms of quality and reduction of time for deliverables to customers.

### *Key Qualifications*

- Task Leader at WASD Consent Decree PMCM, overseeing design of over 92 Projects on Water Collection and Transmission Systems
- Over 40 Photogrammetric projects using Drones in Miami and Broward County
- Mathematical modeling for optimal distribution of water and energy deliveries for the California State Water project
- More than 50 large scale topographic surveying projects, for over 3000 miles of corridor and 20.000 acres, from using Aerial imagery, GPS and LIDAR
- Over 20 years of construction management for oil & gas pipelines, road and utility corridors

SCORING  
**2**  
CRITERIA



## **Francisco L. Nunez, PSM** **SURVEYOR & MAPPER/FIELD OPERATIONS**

**Years of Experience:** 38

**Education:** Engineering and Surveying  
Studies, Miami-Dade College 1982

**Professional Registration/Certifications:** Professional Surveyor  
and Mapper Florida, United States No. LS6382  
Issued: 2002

### **Overview:**

Francisco Nunez, PSM, has been in the Land Surveying profession in South Florida for the past 38 years. He has extensive experience in varied projects, specializing in Surveys for the Department of Transportation. Mr. Nunez has experience in both the field and office. Working in the capacity of both as a Prime Consultant and Sub-Consultant provide him the knowledge and expertise needed to manage diversified projects. He is familiar with FDOT's procedures and requirements, allowing him to exceed expectations. His role in this project would be to communicate directly with the Client, to prepare a schedule, and to provide the necessary resources to complete the project in a timely and efficient manner.

### **Relevant Experience:**

#### **FM No. 249941-4-32-01 | SR 823 / NW 57 AVE from W 65 ST to W 84 ST Project Manager/Surveyor & Mapper**

Responsible for the collection of Survey data required by the designers for the development of engineering documents required for the reconstruction of SR-823 within limits of the project; establishment of horizontal and vertical control, established and/or recovered existing alignment and right-of-way lines, Planimetric (2D) data, Topography/DTM (3D), roadway cross-sections, side streets, drainage, bridge, Geotechnical, sectional/grant, subdivision location, and work zone safety. Project Dates: 2011 to 2013 | Client Reference: FDOT D6, Sub-Consultant to CSA, Danny Iglesias, P.E., (305) 470-5289.

#### **FM No.: 434773-1-32-01 C9191 Collins Avenue from 4700 Block to 5800 Block, Miami Beach, FL Project Manager/Surveyor and Mapper**

Responsible for the evaluation of all Survey data provided by the Department; collection and processing of additional Survey data required for the resurfacing/reconstruction of SR-A1A within project limits; signing, pavement markings, signalization, lighting and drainage improvements required to bring corridor to current standards. Project Dates: 2015 to 2017 | Client Reference: FDOT D6 (Prime), Ana Arvelo, P.E. (305) 470-5210

#### **RFDP 14-03 83628.070 SR 836 from NW 57 Avenue to NW 17 Avenue, Miami, FL Project Manager/Surveyor and Mapper**

Responsible for the evaluation of Survey data provided by the Department; collection and processing of additional Survey data required for the reconstruction of SR-836 within project limits. Scope of Work



## PROFILE OF THE FIRM

### KEY PERSONNEL RESUMES



included traffic analysis, signalization and lighting improvements along main line, implementation of Diversified Diamond Interchanges at NW 57 Avenue and NW 27 Avenue. Project Dates: 2015 to 2017 | Client Reference: Miami-Dade Expressway Authority (MDX) – Sub-Consultant to TY Lin International, Juan Toledo, P.E., (305) 637-3277.

**FM No.: 431770-1-32-01 C9J25 Sr-820, Hollywood, Pines Boulevard SR-93, I-75 to Young Circle, Hollywood, FL Project Manager/Surveyor & Mapper**

Responsible for the evaluation of all Survey data provided by the Department and the collection and processing of additional Survey data required for the reconstruction of SR-820 within the limits of the project to provide pedestrian access and bike lanes within the facility. Work included signing, pavement markings, signalization and drainage improvements required to bring corridor to current standards. Project Dates: 2015 to 2017 Client Reference: FDOT D4, Sub-Consultant to BMA, Brent Lee Shue Ling, P.E. (954) 777-4075.

**FM No.: 250093-3-32-01 | C9I56 SR 826 / Palmetto Expwy EB Ramp to SR 9A / I-95 Northbound**

Responsible for evaluation of all Survey data provided by the Department; collection and processing of additional Survey data required for reconstruction of SR-826 at the Golden Glades Interchange; signing, pavement markings, signalization, lighting and minor structures improvements required to reconstruct the corridor to develop the interim PD&E configuration recommendation; Surveying and Mapping. Project Dates: 2015 to 2018 | Client Reference: Florida Department of Transportation D6, Sub-Consultant to Stantec, Ali R. Toghiani, P.E. (305) 470-4343.

**FM No.: 435346-2-32-01 C9G03 Districtwide Minor Design Projects Project Manager/Surveyor & Mapper**

Responsible for evaluation of all Survey data provided by the Department; collection and processing of additional Survey data required for the implementation of improvements identified in the scope of services of Miscellaneous Minor Projects assigned as Task Work Orders under Contract; all necessary signing, pavement markings, signalization, drainage and lighting improvements required to bring corridor to current standards. Project Dates: 2014 to 2019 Client Reference: FDOT D4, Sub-Consultant to HW Lochner, Brent Lee Shue Ling, P.E. (954) 777-4075

### Key Qualifications

- Data Collection and Analysis
- Field Inspection
- Cost Estimates & Scheduling

SCORING  
**2**  
CRITERIA



**John H. Adler III, PSM**  
**SENIOR PROJECT SURVEYOR AND MAPPER**

**Years of Experience:** 36

**Education:** Associates Degree in Survey Technology  
Palm Beach State College Lake Worth, Florida, 1984

**Professional Registration/Certifications:** Florida State PSM  
License No. LS4693

**Overview:**

With over 37 years of Surveying experience in Florida, Mr. Adler has worked in the field, provided technical support, and managed hundreds of Surveying projects. John joined the Longitude Surveyors team in 2013. John is a Senior Project Surveyor managing large Route Surveys, FDOT projects and Sub-Surface Utility Engineering (SUE) projects. He also provides QA/QC services and is a vital member of the Longitude Team.

**Relevant Experience:**

**US-27/SR 25/ Okeechobee Road and SR 826/Palmetto Expressway (Various Ramps), Miami, FL (FM No.: 436565-1-22-01)**

Senior Surveyor and Mapper, managing every aspect from verification of primary control, existing DTM, topographic information, and right-of-way lines by others along with the establishment of secondary controls and the addition of 3-D topography and DTM along with side street Surveys and Hydrographic Surveys in the Miami Canal. Project Dates: 2016 to 2016 | Client Reference: Hanson Professional Services, Inc., Jeff Easley, P.E., (305) 428-4350, jeasley@hanson-inc.com

**Five (5) Intersections along SR-802/Lake Worth from Sherwood Forest Boulevard to SR 809/ Military Trail, FL (FM No.: 437884-1-32-01)**

Principal in Charge, Longitude Surveyors performed and prepared a Topographic Survey which included Right-of-Way mapping, Digital Terrain Model, (SUE) Underground Utilities, provided surface utility designation, sub-surface utility location (VVH – verified vertical and horizontal), and Survey surfaces; designated and marked the horizontal location of found underground utilities at proposed mast arm signal and lighting pole locations. Project Dates: 2016 to 2016 | Client Reference: Scalar Consulting Group, Inc., Julio Delgado, P.E., (561) 429-5065, jdelgado@scalarinc.net

**SR 25/Okeechobee Road from West of County line (changed from original limits) to East of N.W. 117th Avenue, FL (FM No.: 423251-2-32-01)**

Senior Surveyor and Mapper, managing every aspect from verification of primary control, existing DTM and topographic information, collected significant above-ground improvements, elevations, and right-of-way lines, along with the establishment of secondary controls and the addition of 3-D topography and DTM along with side street Surveys plus right-of- way mapping in progress. Project Dates: 2016 to 2016 | Client Reference: HDR., Erki Suarez, P.E., (305) 728-7408 erki.suarez@hdrinc.com

## PROFILE OF THE FIRM

### KEY PERSONNEL RESUMES



#### **SR 826/ (Palmetto), I-75 to C-8 Canal, N.W. 154th & N.W. 77th Court, Miami, FL (MP 14.972 to MP 16.854) (FM No.: 435760-1-32-01)**

Senior Surveyor and Mapper, managing every aspect from verification of primary control, existing DTM and topographic information, right-of-way lines; the establishment of primary and secondary controls, adding side street 3-D topography, DTM's.

Hydrographic Surveys at 2 water crossings and portion of lake bathymetry; coordinated the targeting and LAMP incorporating the road way DTM from LAMP into a 3-D Open Roads file. Project Dates: 2016 to 2017 | Client Reference: Lochner, Edwin F. Mojena, P.E., (305) 503-9873 emojena@hwlochner.com

#### **SR 710/ Passing Lanes, Martin County, FL (FM No.: 432707-01-52-01)**

Senior Surveyor and Mapper, managed the CEI surveys for the verification of horizontal and vertical control along with topography verification, staking baseline, and providing re-certified Surveys for construction. Project Dates: 2014 to 2015 Client Reference: Metric Engineering, Manuel A. Sauleda, P.E. (305) 235-5098 msauleda@metriceng.com

#### **US-27/SR 25/ Okeechobee Rd. from East of N.W. 107th Avenue to E. of N.W. 116th Way Miami, FL**

Senior Surveyor and Mapper, managing every aspect from verification of primary control, existing DTM, topographic information, and right-of-way lines; the establishment of secondary controls and the addition of 3-D topography and DTM along with side street Surveys plus the preparation of new right-of-way maps with 25 parcels all on side streets being taken along with the preparation of legal descriptions; Right-of-way mapping. Project Dates: 2016 to 2016 | Client Reference: A&P Consulting Transportation Engineers (APCTE), Tony Acosta, P.E. (305) 592-7283 tacosta@apcte.com

District IV, Districtwide Miscellaneous Survey Contract #'s C-7905 & C-6869: Division Manager of Surveys and Senior Surveyor and Mapper for both contracts. Responsible for receiving the TWO, preparation of man-hours estimates, negotiated & finalized TWO, coordinated office crews. Projects ranged from Control Surveys, Construction Inspection Survey, Right-of-Way Mapping, court staking, Bridge Surveys, Bathymetric Surveys, Specific Purpose Surveys, Design Surveys using only EFB. Project Dates: 2008 to 2012 Client Reference: District IV Florida Department of Transportation, Jeffrey D. Smith, P.S.M. District Surveyor (954) 777-4560 jeffrey.smith@dot.state.fl.us

### *Key Qualifications*

- Route Survey
- GIS
- Legal descriptions
- Ground penetration radar
- Underground Utility Locations
- Property Survey

SCORING  
**2**  
CRITERIA





## **Stanley David, MS** **GIS SPECIALIST**

**Years of Experience:** 8

**Education:** MS Geographical Information System,  
Florida State University  
MS Urban Regional Planning, Florida State University  
MS International Affairs, Florida State University  
BS Decision Information Systems, University of Florida

### **Overview:**

Mr. David has over 8 years of GIS and Data Administrative experience in managing county and statewide, GIS intensive, projects. While working with the Tallahassee-Leon County Planning Department, he utilized GIS to support infrastructure planning, modeling, mapping, operational, and statistical functions for the city of Tallahassee and Leon County. Mr. David has also coordinated and interacted with numerous municipalities throughout the State of Louisiana, and currently works assisting the Miami Dade Water and Sewer Department and the City of Coral Gables with GIS Data Management.

### **Relevant Experience:**

#### **Wastewater Infrastructure Geographic Information System (GIS) Updates – GIS Technical Manager – Coral Gables**

The City of Coral Gables has requested 300 Engineering to perform a visual field verification of their drainage infrastructure. The City maintains a GIS Database which includes the stormwater infrastructure. The task order responds to the creation of a pilot program field verifying and updating the GIS Database for a project area approximately 28,000 LF of roadway. Mr. David is the GIS Technical Manager for the project.

#### **\$2.4B USEPA Consent Decree Miami Dade County - Program, Design & Construction Management and Support Services– GIS Specialist**

The PMCM Team was selected by the Miami Dade Water and Sewer Department (MDWASD) to provide Program and Construction Management Services related to the Wastewater System Priority Projects. The WCTS Task is assisting the Department with the coordination and management of ninety-three (93) Force Main and Pump Station Projects, from conception to closure. Mr. David is working as a GIS Specialist for the PMCM Team within the Wastewater Collection and Transmission System (WCTS) Task. He is responsible for managing all GIS and Data as it relates to the Consent Decree. Duties include consulting clients to ascertain project purpose, needs, information required, and answering queries. Also responsible for developing standards for GIS deployment and use, and maintain accurate client communication and project documentation.

#### **Tallahassee-Leon County Planning Department – Research, Graphics and GIS Support, Tallahassee**

Services provided included assisting the City of Tallahassee's utility department in creating a comprehensive water systems map and geodatabase that identified water mains, valves, hydrants, meters, pump stations, and tanks. He also conducted demographic analysis, and created 3D models of features for place making purposes, to be used extensively by different municipalities in Leon County, FL

### **Florida State University – Urban Design policy and plan of action to integrate with business and economic development, Boca La Caja, Panama**

Responsible for executing project activities for a variety of data collection, development, data maintenance, and migration tasks. He also created standardized mapping and data products to facilitate end user consumption, and developed documentation on data quality and GIS workflows.

### **ADAAG-Consulting Services – Transition plan protocol for the Louisiana Department of Transportation, Miami,**

GIS/Database Administrator for transition plan protocol which identifies issues concerning public right of way for the state of Louisiana. The project consisted of surveying curb ramps, protruding objects, sidewalks, accessible pedestrian signals, on street parking, and signage for the state of Louisiana by using GPS waypoint capturing. MS SQL Server was used to identify issues, proposed corrections, costs, and estimated time frames to resolve the issues. He also assisted in creating a web application for the information to be accessible via internet.

### **GPS Surveying & Accessibility - Lake County,**

GIS Analyst for Bus Stop Accessibility for Lake County, FL. Mr. David was responsible for programming GPS units for surveyors to conduct an accessibility study for Lake County public transit system. The purpose of the study was to identify the key bus stops in need of accessibility accommodations, the improvements needed, and the estimated costs.

### **SMW GeoSciences, Maitland**

Mr. David was responsible for creating a geodatabase for SMW to help store features of the city of Maitland's water distribution system. This included mapping out the following features:

- Pipes
- Pumps
- Treatment Plants
- Customer Locations
- Valves
- Storage Tanks
- Past Usage

Mr. David also added location and elevation data to the pipes attributes, as well as installation dates, diameter, and material. All of these items were used for the hydraulic model that SMW maintains. Additional tasks included performing billing data merger with property appraiser database for a strategic water conservation plan for the City of Maitland.

## *Key Qualifications*

- Expert in geodatabase and shapefile creation
- Proficient in ArcGIS 10 and Extensions
- Expertise in GIS and CAD integration
- Extensive experience in Engineering Plans to GIS Maps, Georeferencing, Street Address Geocoding, and Geotagging photos
- Model Builder and Python Scripting
- Relational Database Systems experience
- Extensive experience performing QA/QC on projects

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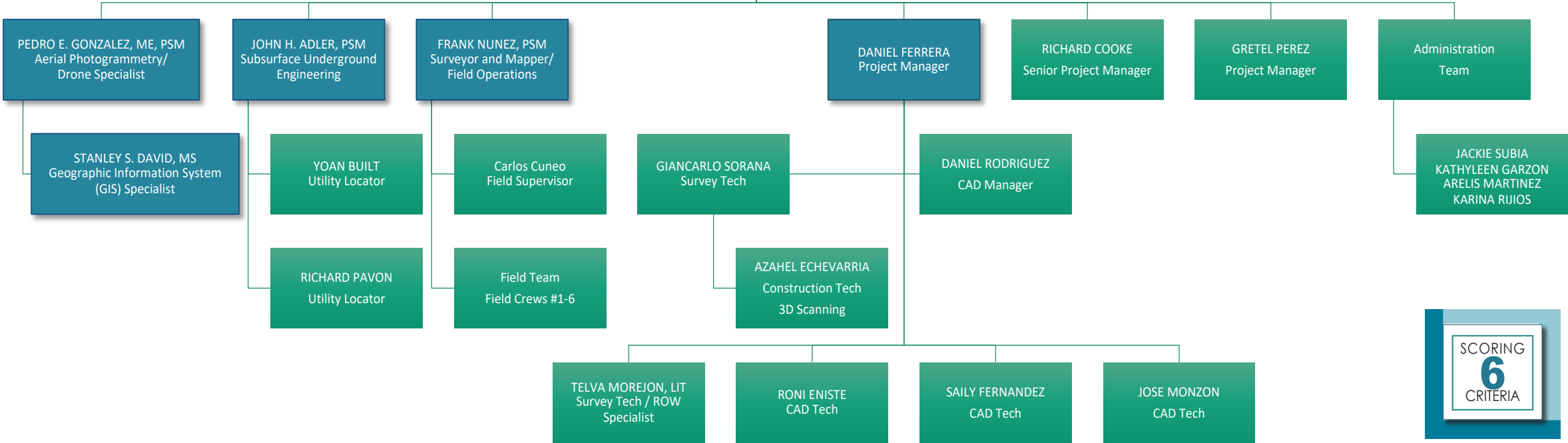
BCRA 19-001  
PHASE IV STREETSCAPE & A1A  
PROJECT MANAGER

EDUARDO M. SUAREZ, PSM  
Principal-in-Charge/  
Principal Surveyor

JOHN H. ADLER, PSM  
Project Surveyor

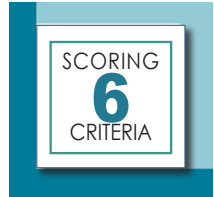
DARRYL HAUSER, PSM  
Quality Control (QA/QC)

NORMA T. ALVAREZ, P.E.  
Quality Control (QA/QC)



**LONGITUDE SURVEYORS, LLC** brings available resources to the City of Hollywood as needed in the areas of: Geodetic Control Surveys, Project Network Control (PNC) Sheets, Alignments, Bench Level Runs, Topography, Roadway DTM and Tin Models, Underground Utilities, Mapping & Modeling, Drainage Surveys, Bridge Surveys, Outfall, Detention and Mitigation Surveys, Stakeout for Borings, Surveys for BIM, Bathymetric Surveys, and Aero-photogrammetric surveys (Drones), Section Ties, Subdivision Ties, Maintained Right-of-Way Surveys, Building Ties, Jurisdictional Line Surveys, Right-of-Way Maps, Maintenance Maps, Specific Purpose Surveys, and Water Boundary Surveys.

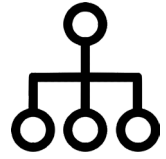
OUR ORGANIZATIONAL CHART PROVIDES OUR **KEY PERSONNEL** PROPOSED FOR THIS PROJECT TO BE SHOWCASED IN THESE COLOR BOXES



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## PROFILE OF THE FIRM

### FIRM ORGANIZATION



## G. ORGANIZATION OF PROPOSED TEAM

Describe the organization of the proposed project team, stressing level of experience and qualification, detailing the level of involvement, field of expertise and estimated hours for each member of the team.

## PROPOSED PERSONNEL

Longitude Surveyors (LS) is equipped with a team of dedicated professionals capable of meeting the requirements noted in the RFQ requirements.

| PROFESSIONAL                             | ROLE/FIELD OF EXPERTISE                           | % OF TIME DEVOTED TO PROJECT | LEVEL OF INVOLVEMENT |
|--|---|------------------------------|----------------------|
| EDUARDO M. SUAREZ, PSM                   | Principal-In-Charge/<br>Principal Surveyor        | 10%                          | NTP - Completion     |
| JOHN H. ADLER, PSM                       | Project Surveyor                                  | 25%                          | NTP - Completion     |
| DARRYL HAUSER, PSM                       | Quality Control (QA/QC)                           | 15%                          | NTP - Completion     |
| PEDRO E. GONZALEZ,<br>PSM,ME, MS, ENV SP | Aerial Photogrammetry/<br>Drone Specialist        | 15%                          | NTP - Completion     |
| FRANCISCO J. NUNEZ, JR.<br>PSM           | Surveyor and Mapper/<br>Field Operations          | 15%                          | NTP - Completion     |
| DANIEL FERRERA                           | Project Manager                                   | 30%                          | NTP - Completion     |
| STANLEY S. DAVID, MS                     | Geographic Information<br>System (GIS) Specialist | 15%                          | NTP - Completion     |

SCORING  
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CRITERIA







### H. MUNICIPAL STAFF SUPPORT

Describe what municipal staff support is anticipated for this type of engagement.

Longitude Surveyors has extensive experience working with Clients both in the public and private sector, municipalities, MDWASD, FDOT, and MDX.

Longitude Surveyors (LS) will attend meetings with the City of Hollywood Project Manager and Administrative Staff.

Longitude Surveyors anticipates the City of Hollywood will provide both written and verbal communication regarding meeting dates and times, changes or modifications to be made, and to confirm scheduling of project submittal dates. LS expects the City of Hollywood to express any comments or suggestions to Longitude Surveyors at the initial stages of the project to provide the best service and quality deliverable.

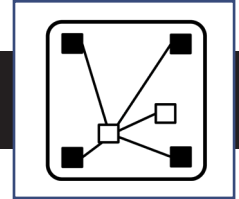
We look forward to the opportunity to work with the City of Hollywood and its professional staff.











## I. PROJECT APPROACH

Describe your approach to performing the work. This should include the following points:

1. Your role and that of other parties involved in the data gathering, data analysis and recommendation process.
2. Your plan for this project outlining major tasks and responsibilities, project time schedule and staff assigned.

As one of South Florida's premier Surveying & Mapping companies for more than 15 years who also offers Subsurface Utility Engineering (SUE). Longitude's professional team applies their experience and hard work to provide exceptional results. Whether it involves public infrastructure or private development, our Team provides our Clients, the best possible value and most practical solutions to achieve their goals. We find our greatest satisfaction in making our clients successful.

Longitude was established in 2004, we've work closely with municipalities, governing agencies, and private developers to ensure each project's success. We have provided surveying services for a wide array of projects to include roads, public works, schools, parks, wastewater, water, seaport, and, stormwater channels.

This project is the implementation of Phase IV Streetscape & A1A project within the Beach CRA district from Hollywood Blvd. to Hallandale Beach Blvd. This project may involve extensive design survey for the design, construction layout, boundary surveys, preparation of legal descriptions and sketches, AutoCAD drafting and other related survey and mapping services.

Longitude has the crews and the ability to assign one crew to this CRA project but has the capability to put several crews to get a project done faster. John H. Adler III PSM will be the Project Manager for this project and be the single point of contact.

Our field and office professionals provide exceptional survey services when providing control, topographic, boundary surveys, construction layout and all mapping services. Using all available information from City of Hollywood, Broward County and the Florida Department of Transportation, Longitude will develop the control network based on the experienced gained providing these same



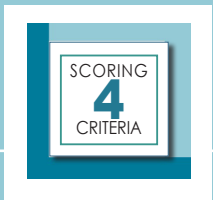
types of surveys for City of Miami, Hialeah, Bay Harbour and the FDOT.

The control survey will be needed through the corridor which may be as simple as brushing up the FDOT control used for the studies done on the corridor. There is available right of way maps for A1A, Hollywood Blvd. and Hallandale Beach Blvd. from FDOT which worked closely with the CRA to develop plans for these thoroughfares. With this information the computations for linking the FDOT right-ways and found plat monumentation to the established control will occur. This will in fact strengthen the entire network.

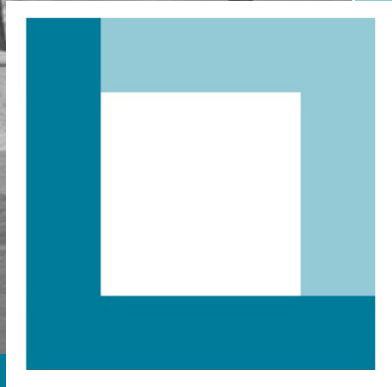
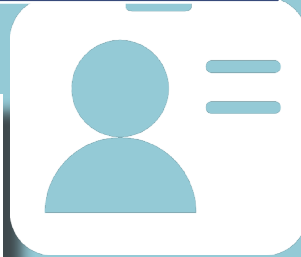
Longitude will work closely with the City to develop a plan detailing what is needed to complete Streetscaping throughout the corridor. Realizing that each street may have different needs a specialized plan for each area being improved will be developed. If it is apparent a complete topographical survey is needed for a street or the site surveys a plan including scheduling, limits, and specifics on what will be needed.

As mentioned above Longitude also provides SUE services. We have worked on Streetscaping projects with utility designation was part of the services. We use the latest Ground Penetrating Radar (GPR) and Electronic Induction equipment to tone up underground utilities. We have experienced utility locators. These individuals have been trained to determine what is happening underground with these instruments. If it is apparent there is utilities near to where a changes are expected Longitude has the experience to clear the area making sure what underground utilities may impact the design. This effort usually happens at design to avoid future construction stoppage costs.

This type of project is Longitude Surveyor's forte design and construction survey, with the newly established Broward County Office being manned by the Project Manager for this project John H. Adler III, PSM with almost 40 years' experience working in south Florida. Longitude has the experience and manpower to accomplish this project if given the opportunity.







## LONGITUDE SURVEYORS

3323 W Commercial Blvd  
Suite 250  
Fort Lauderdale, FL 33309

[LONGITUDESURVEYORS.COM](http://LONGITUDESURVEYORS.COM)