

RESOLUTION NO 2024 - 123
CITY OF LAKE CITY, FLORIDA

A RESOLUTION OF THE CITY OF LAKE CITY, FLORIDA, AUTHORIZING TASK ASSIGNMENT NUMBER SIX PURSUANT TO THE CONTINUING CONTRACT WITH PASSERO ASSOCIATES, LLC., A FLORIDA LIMITED LIABILITY COMPANY; PROVIDING FOR PROFESSIONAL ENGINEERING, DESIGN AND PERMITTING ASSISTANCE AS IT RELATES TO THE DESIGN OF THE NORTH TAXILANE AT THE LAKE CITY GATEWAY AIRPORT; MAKING CERTAIN FINDINGS OF FACT IN SUPPORT OF THE CITY APPROVING SAID TASK ASSIGNMENT; RECOGNIZING THE AUTHORITY OF THE MAYOR TO EXECUTE AND BIND THE CITY TO SAID TASK ASSIGNMENT; AUTHORIZING THE CITY MANAGER WITH THE CONSENT OF THE CITY ATTORNEY TO MAKE MINOR CHANGES TO THE SCOPE OF WORK OF THE TASK ASSIGNMENT PROVIDED SUCH CHANGES DO NOT INCREASE THE QUOTED PRICE IN THE TASK ASSIGNMENT; REPEALING ALL PRIOR RESOLUTIONS IN CONFLICT; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Lake City, Florida (“the “City”) and Passero Associates, LLC (the “Vendor”) entered into that certain continuing contract as authorized by City Council Resolution No. 2022-091 (the “Continuing Contract”); and

WHEREAS, the City of Lake City (“City”) operates the Lake City Gateway Airport (the “Airport”);

WHEREAS, the Vendor shall provide engineering, design and permitting assistance (the “Services”) as it relates to the design of a North Taxilane at the Lake City Gateway Airport (the “Project”); and

WHEREAS, the Continuing Contract provides the Vendor shall provide services to the City only when requested and authorized in writing by the City; and

WHEREAS, each request from the City to the Vendor for services shall be for a specific project with the scope of the work defined by and embodied in a separate task assignment; and

WHEREAS, the City Council desires to enter into that certain task assignment pursuant to the Continuing Contract with the Vendor for the Services in furtherance of the Project, in accordance with the terms and conditions of Task Assignment Number Six (the “Agreement”), a copy of which is attached as an Exhibit hereto; and

WHEREAS, the City Council desires that the City Manager, with the consent of the City Attorney, be authorized to consent to minor changes to the scope of work of the Agreement provided such changes do not increase the quoted price of the Agreement; and

WHEREAS, approving the Agreement pursuant to the Continuing Contract with the Vendor for the Services in furtherance of the Project is in the public interest and in the interests of the City; now therefore

BE IT RESOLVED by the City of Lake City, Florida:

1. Approving the Agreement pursuant to the Continuing Contract with the Vendor for the

Services in furtherance of the Project is in the public or community interest and for public welfare; and

2. In furtherance thereof, the Agreement in the form of the Exhibit attached hereto should be and is approved by the City Council of the City of Lake City; and
3. The Mayor of the City of Lake City is the officer of the City duly designated by the City's Code of Ordinances to enforce such rules and regulations as are adopted by the City Council of the City of Lake City; and
4. The Mayor of the City of Lake City is authorized and directed to execute on behalf of and bind the City to the terms of the Agreement; and
5. The City Manager, with the consent of the City Attorney, is authorized to agree to minor changes to the scope of work of the Agreement provided such changes do not increase the quoted price of the Agreement
6. All prior resolutions of the City Council of the City of Lake City in conflict with this resolution are hereby repealed to the extent of such conflict; and
7. This resolution shall become effective and enforceable upon final adoption by the City Council of the City of Lake City.

APPROVED AND ADOPTED, by an affirmative vote of a majority of a quorum present of the City Council of the City of Lake City, Florida, at a regular meeting, this ____ day of October, 2024.

BY THE MAYOR OF THE CITY OF LAKE CITY,
FLORIDA

Stephen M. Witt, Mayor

ATTEST, BY THE CLERK OF THE CITY COUNCIL
OF THE CITY OF LAKE CITY, FLORIDA:

Audrey Sikes, City Clerk

APPROVED AS TO FORM AND LEGALITY:

Clay Martin, City Attorney

**TASK ASSIGNMENT NUMBER SIX
TO THE
CONTINUING CONTRACT
BETWEEN THE CITY OF LAKE CITY, FLORIDA, AND PASSERO ASSOCIATES, LLC, A FLORIDA
LIMITED LIABILITY COMPANY,
FOR ENGINEERING, DESIGN, AND PERMITTING ASSISTANCE AS IT RELATES TO THE DESIGN OF
THE NORTH TAXILANE AT THE LAKE CITY GATEWAY AIRPORT**

THIS TASK ASSIGNMENT NUMBER FIVE made and entered into this ____ day of October 2024, by and between the CITY OF LAKE CITY, FLORIDA, a municipal corporation, located at 205 North Marion Avenue, Lake City, Florida 32055 (hereinafter the "City"), and Passero Associates, LLC, a Florida limited liability company (hereinafter the "Consultant").

RECITALS

A. City and Consultant have heretofore entered into a Continuing Contract for engineering assessments, project development, design, permitting, construction monitoring, and other related services as authorized by City Council Resolution No. 2022-091.

B. The Continuing Contract provides that Consultant shall perform services to the City only when requested to and authorized in writing by City and that each request for services shall be for a specific project, with the scope of the work to be performed by and compensation to be paid to Consultant for each separate project and be defined by and embodied in a separate Task Assignment.

C. The City is in need of engineering services including engineering, design, and permitting assistance as it relates to design of the North Taxilane.

D. The City desires to enter into this Task Assignment Number Six with the Consultant for the aforementioned services pursuant to the terms and conditions contained herein and the attachment hereto.

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements herein contained, the parties hereto agree as follows:

1. **RECITALS**: The above recitals are all true and accurate and are incorporated herein and made a part of this Task Assignment Number Six.

2. **PROJECT**: The City hereby engages Consultant and Consultant agrees to furnish to City the services and work as set forth in the correspondence dated September 27, 2024, received by the City from the Consultant consisting of a total of six (6) pages and attached hereto as "Exhibit A" and made a part of this Task Assignment.

3. **COMPENSATION TO CONSULTANT**: City shall not pay Consultant a fee for the tasks identified in Exhibit A as the project is funded by the Florida Department of Transportation.

4. **PROVISIONS OF CONTINUING CONTRACT**: The terms, provisions, conditions, and requirements of the Continuing Contract are incorporated herein and made a part of this agreement and shall be complied with by Consultant. Should any conflict arise between the terms and conditions set forth herein and the Continuing Contract, the terms and conditions of the Continuing Contract shall be controlling. Should any conflict arise between the terms and

conditions set forth in the attached exhibit with either the Continuing Contract or this Task Assignment, the conflicts shall be construed in favor of the Continuing Contract first and then, if applicable, this Task Assignment.

5. **ATTORNEYS' FEES AND COSTS.** In the event of breach by either party of the Continuing Contract or any Task Assignment, the breaching party shall be liable for, and agrees to pay, all costs and expenses incurred in the enforcement of this Continuing Contract or any Task Assignment, including reasonable attorneys' fees and legal costs and fees incurred in seeking reasonable attorneys' fees.

6. **ENTIRE AGREEMENT.** This Task Assignment, and the Continuing Contract, constitute the entire agreement between City and Consultant and supersedes all prior written or oral understandings with respect to the project. This Task Assignment may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

7. **PARTIES BOUND.** This Task Assignment Number Six shall be binding upon and shall inure to the benefit of City and Consultant, their successors and assigns.

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Assignment Number Six as of the day and year first above written.

CITY OF LAKE CITY, FLORIDA

By: EXHIBIT-NOT FOR EXECUTION
Stephen M. Witt, Mayor

ATTEST:

APPROVED AS TO FORM AND LEGALITY:

By: EXHIBIT-NOT FOR EXECUTION
Audrey E. Sikes, City Clerk

By: EXHIBIT-NOT FOR EXECUTION
Clay Martin
City Attorney

PASSERO ASSOCIATES, LLC

By: EXHIBIT-NOT FOR EXECUTION
Its : _____

EXHIBIT "A"

City of Lake City



Lake City Gateway Airport North Taxilane Design

Engineering Design, Stormwater Permitting, Geotechnical
Investigation, Topographic Survey and Bidding Assistance

by

Passero Associates, LLC

(PA Project No. 20070044.0031)

Supplemental Agreement 24-31

Supplemental Agreement 24-31
North Taxilane Design
Lake City Gateway Airport, Lake City, Florida

PASSERO ASSOCIATES, LLC (PA or "Consultant") agrees to perform the following services, in accordance with the terms and conditions of this Supplemental Agreement and the Contract for Professional Airport Engineering Services, dated October 1, 2022, with the of City of Lake City (City or "Client"), all of which terms and conditions are incorporated herein by reference:

Project Location: Lake City Gateway Airport, 3524 East US Highway 90, Lake City, Florida, 32055

Project Description: The project will involve the design of a Taxilane with associated lighting, markings and a stormwater management facility to support an FDOT funded Hangar building and adjacent private development hangar to be constructed North of Runway 10-28 at the Lake City Gateway Airport (LCQ). Design of the Taxilanes will be TDG 2.

Scope of Basic Services: Grants administration, Engineering Design and Construction Documents for Bidding / Permitting of the project.

Scope of Special Services: Geotechnical investigation, Topographic Survey

City Manager: Mr. Don Rosenthal

City Project Coordinator: Mr. Edward Bunnell, Airport Director

PA Program Manager: Mr. Bradley Wentz, PE

PA Project Manager: Ms. Leona Lewis, PE

Basic Services Compensation and Method of Payment: Lump Sum Not-to-Exceed: \$ 125,540.00

Special Services Compensation and Method of Payment: Lump Sum Not-to-Exceed: \$ 14,460.00

Total Project Cost (See Attachment A-1: Schedule B): Lump Sum Not-to-Exceed: \$ 140,000.00

Schedule: Begin ten (10) Working Days from Notice-To-Proceed

Meetings: As needed and directed by the City.

- Deliverables:**
1. Engineering Design and specifications.
 2. Environmental Resource Permit.
 3. Geotechnical Investigation.
 4. Topographic Survey.
 5. Contract and Bid Documents.
 6. Aid in bidding process, bid tabulations and recommendation of award.

"Client" - City of Lake City

By: EXHIBIT-NOT FOR EXECUTION

Stephen M. Witt, Mayor

ATTEST:

BY: EXHIBIT-NOT FOR EXECUTION

Audrey E. Sikes, City Clerk
Name, (Title)

Date: _____

"Consultant" – Passero Associates, LLC

By: Bradley J. Wentz

Bradley Wentz, Vice President

ATTEST:

BY: Angela Witt

Angela Witt, Grants and Contracts Administrator
Name, (Title)

Date: September 27, 2024

Attachment A-1: North Taxilane Design
Lake City Gateway Airport, Lake City, Florida

I. Project Description

The project will involve the design of a 35-foot wide Taxilane with associated lighting, markings and a stormwater management facility to support an FDOT funded Hangar building and adjacent private development hangar to be constructed North of Runway 10-28 at the Lake City Gateway Airport (LCQ). Design of the Taxilanes will be TDG 2.

II. Scope of Basic Services

Passero Associates, LLC (Passero or Consultant) will provide the following professional services to the City of Lake City (City or Client):

A. Joint Automated Capital Improvement Program (JACIP) and FAA Obstruction Evaluation / Airport Airspace Analysis (OE/AAA) Assistance

The Consultant shall assist the City in the update to the Airport JACIP in the following areas:

1. Coordinate the Engineer's opinion of probable costs for design and construction with existing input in the JACIP.
2. Update the JPM with Engineer's certifications of plans and specifications.
3. Upload plans and specifications into JPM.
4. Assist City in uploading signed task orders and third-party agreements.
5. Create "Non-Rule making Airport" (NRA) case on FAA OE/AAA site for FAA review of the project construction.

B. Grants Administration

The Consultant shall aid the City by acting as its liaison and Project coordinator with FAA and FDOT during the Project's design. In addition, the Consultant shall assist the City in the preparation of paperwork required to secure funds for the Project. The specific services to be provided or furnished for this Phase of the Project are the following:

1. Preparation of grant application packages; coordination of their execution by the City; and submission to the funding agencies.
2. During the Design Phase, to aid the City by acting as its liaison and Project coordinator with the funding agencies.
3. Perform Project management duties such as Project planning, invoice preparation, schedule coordination, coordination of design team and internal cost control.
4. Schedule coordination: Consultant shall provide continued coordination so that Project schedules are met for work included in this contract. Phases of design may be delayed by the FAA/FDOT or other review agencies.

C. Schematic Design

The Schematic Design Phase is intended to identify and evaluate alternatives to provide cost-effective and practical solutions for the work items identified. The Consultant will evaluate site plan alternatives, review of the pre-application, field investigations, and a practical design approach. The Project's design will take advantage of local knowledge and experience and will utilize expertise from recent construction projects to design a cost-effective Project. The specific services to be provided or furnished for this phase of the project are the following:

1. Schedule and conduct a pre-design meeting with the City, FAA, and FDOT to review the scope of services and become familiar with the Project requirements and operational concerns during the Project's construction.
2. Acquire and review record documents (such as plans, specifications, reports, and studies) to become familiar with data that is available for the Project.
3. Perform a preliminary Project site inspection to further familiarize the design team with the Project areas.

4. Prepare preliminary plans identifying required topographic field surveys, subsurface soils investigations, and other field investigative programs. Develop a schedule of completion of required surveys and investigations to minimize interference with airport and tenant operations.
5. Acquire the necessary topographic survey of and utility data for the Project site including related office computations and drafting.
6. Acquire the necessary soils and existing pavement investigation data, including borings, pavement cores, and field and laboratory tests, to identify existing pavement thickness and subsurface soil characteristics.
7. Analyze data obtained from subsurface soils and existing pavement investigation program and determine properties of existing soil materials. Document results of program, existing conditions, and recommendations in the design report.
8. Develop schematic designs, including site layout plans for the taxilane, grading, drainage and design.
9. Develop schematic construction safety phasing plans.
10. Prepare preliminary opinion of probable construction costs for each major element of the Project.
11. Develop a detailed Engineer's Report which evaluates alternatives to achieve project goals.

D. Pre-Final (60%) Design Phase

The services to be performed during this Phase consist generally of services required to furnish the City with a set of Pre-Final Plans, Contract Document, Technical Specifications, and Engineer's Report. The specific services to be provided or furnished for this Phase of the Project are the following:

1. Finalize pavement design.
2. Develop taxilane marking layouts.
3. Design stormwater management system in accordance with SRWMD requirements, as described below.
 - Review Suwannee River Water Management District (SRWMD) Applicants Handbook Vol. II (Design Requirements for Stormwater Treatment and Management Systems) for applicability to project.
 - Meet with SRWMD staff (as needed) to review project requirements
 - Identify existing pervious and impervious surfaces, as well as existing drainage system components and function.
 - Identify proposed pervious and impervious surfaces, as well as proposed drainage system components and function.
 - Design and recommend an acceptable set of stormwater treatment measures for the proposed drainage system.
4. Prepare preliminary Contract Drawings (approximately 60% complete) providing sufficient detail for review of design concepts by the City, FAA, and FDOT.
5. Develop general provisions and overall City contract documents, as necessary.
6. Develop technical specifications expected to be required for the proposed work. Standard technical specifications shall be used whenever possible, with supplemental specifications developed by the Consultant as needed.
7. Prepare a detailed opinion of probable construction cost to reflect the outcomes of Project design.
8. Perform an internal quality control review on all design documents.
9. Submit sufficient copies of preliminary design documents to the City, FAA, and FDOT for their review and comment.
10. Schedule and conduct a pre-final design review meeting to discuss and resolve any City comments.

E. Final Design Phase

The services included under this Phase shall generally consist of services required to furnish the City with a complete set of Contract Documents for the Project, including Final Plans, Specifications, Engineer's Design Report, and opinion of probable construction costs. Plans and Specifications will be completed; final design will be coordinated with the City; and a complete set of bid documents will be furnished to the City. A final opinion of probable construction cost and the final Design Report will also be prepared and submitted. A final Construction Safety Phasing Plan (CSPP) and Construction Management Plan will be provided as well.

The specific services to be provided or furnished for this Phase of the Project are the following:

1. Prepare final construction plans, supplemental documents and construction phasing plans.
2. Submit application to SJRWMD for "Individual Environmental Resource Stormwater Permit".
3. Respond to Request for Additional Information from SRWMD.
4. Prepare final quantity takeoffs for the bid schedule. This will include items shown on the drawings and/or described in the technical specifications.
5. Prepare a final probable construction cost utilizing the quantity takeoff and bid items previously developed.
6. Prepare final contract agreements and technical specifications.
7. Submit advance final documents to the City, FAA, and FDOT for final review and comment. The design team and the City will conduct a final design review meeting to discuss contents, costs and other comments.
8. Reproduce copies of the bid documents which include plans, specifications, and construction phasing plans and soil boring logs. These documents will be supplied to the City.
9. After final comments are provided by the City, FAA and FDOT, Passero will develop a complete Bid Set of contract documents, plans and specifications.

F. Bid-Phase Assistance

1. Consultant will prepare advertisement for bids, assist the City in the legal advertisement of the project. The bid schedule and documents will be posted on the Consultant's website and Plan Rooms will be provided with electronic copies of these documents.
2. Questions from potential bidders will be directed to Consultant and answered by addendum (if required).
3. A mandatory pre-bid conference will be scheduled at least twenty (20) days prior to the scheduled bid opening. Minutes of the pre-bid conference will be prepared by Consultant and published via Addendum.
4. Consultant will assist the City at the bid opening. Consultant will review the bids received for conformance with the contract documents. Consultant will review the contractor's personnel, equipment lists, verify the contractor's qualifications and conduct a reference check.
5. Consultant will prepare bid tabulation for the City.
6. Consultant will make a recommendation of award or rejection of bids, as appropriate, to the City.
7. Consultant will prepare conformed copies of the contract and coordinate contractor execution of the contract.
8. Consultant will review the contractor-executed documents with the City prior to execution by the City. After the contracts have been executed by the City, the construction administration department will assist in distributing copies of the contracts to the Contractor, FDOT, as needed.
9. Consultant will coordinate the transmittal of the Notice to Proceed to the contractor.

III. Special Services

A. Topographical Survey

Topographical Survey provided for this project shall include existing features and utilities within designated taxilane site area. Surveyor will coordinate with the City to obtain as-built information of existing utilities that are present in the project area.

B. Geotechnical Investigation

Geotechnical Investigation provided for this project shall include Standard Penetration Test (SPT) Borings of various depths and locations and Soil Survey within the designated project site area.

IV. Other Considerations

1. This Scope of Services does not include the following:

- Construction Administration / Resident Engineering / Construction Observation Phases.
- Any additional Permitting
- Wetland Delineation
- Preparation of additional related Design, Construction Plans, and Specifications.

- Other special services (such as environmental studies, permitting, traffic studies or other special studies, etc.) that may be desired or requested.
- Payment of Any Utility Fees, City Health Department Fees, permit fees and/or any Other Utility Company Fees Related to Work Designed, Service Upgrades, and Reports.

If such services are later determined to be required before the project is complete, they shall be performed as additional services only under a separate written agreement and as approved by the City.

The City is responsible for providing complete and thorough data in a timely fashion as requested by Passero, including all necessary data from City archives. Passero is not responsible for data that is not provided for during the course of this Agreement.

End of Scope of Services



Cal -Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056
Tel. (386) 755-3633 • Fax (386) 752-5456

450 SR 13N, Suite 106-308, Jacksonville, FL 32259
Tel. (904) 381-8901 • Fax (904) 381-8902

April 3, 2024

Mrs. Leona Lewis, P.E.
Passero Associates
13453 N. Main Street, Suite 104
Jacksonville, Florida 32218

**RE: Proposal for Geotechnical Eng. Exploration & Field Soil Permeability Testing
Lake City Gateway Airport-Hangar Development, Taxilane & Site Work
Lake City, Florida**

Dear Mrs. Leona Lewis, P.E.,

Cal-Tech Testing, Inc. (CTTI) is pleased to submit this proposal to perform a geotechnical engineering exploration and field soil permeability testing for the proposed Taxilane, site work and stormwater retention ponds regarding the planned hangar development at the Lake City Gateway Airport in Lake City, Florida.

SITE & PROJECT INFORMATION

The Project Sketch you provided and other web-available information indicates the project site consists of a portion of land partially occupied by a driveway which is proposed for development of additional two (2) Hangars and associated Taxilane, Aprons, Parking facility and Stormwater Retention Ponds.

SCOPE OF SERVICES

Per your request, the scope of services will consist of four (4), 15-ft-deep, continuous sampling, Standard Penetration Test (SPT) borings drilled within the proposed Taxilane and Parking facility; two (2), 10-ft-deep, SPT borings and associated field soil permeability tests at proposed Stormwater Retention Pond areas; and three (3) cores cut at locations along the existing driveway pavement. In addition, we will bulk sample soils from three (3) locations throughout the Taxilane area for determination of the subgrade strength by the laboratory California Bearing Ratio (CBR) Test. The borings pavement core and CBR locations will be laid out by our field crew from GPS coordinates approximately obtained superimposing the provided Project Sketch on a web-available mapping system a hand-held device.

We will contact the Sunshine State One-Call system to mark out the underground utilities prior to drilling the SPT borings.

At completion, each borehole will be backfilled with soil cuttings and the pavement core holes cold-patched. The pavement core specimens and soil samples will be delivered to our laboratory for examination and classification by our geotechnical engineer in general accordance with the Unified Soil Classification System.

Proposal for Geotechnical Engineering Exploration & Field Soil Permeability Testing
 Lake City Gateway Airport- Hangar Development, Taxilane & Site Work
 Lake City, Florida

At completion of the field and laboratory work, we will prepare a report presenting the subsurface soil conditions at the explored locations along with the soils' saturated Hydraulic Conductivity, depth to confining layer, Fillable Porosity and estimated Seasonal High Groundwater Table along with our geotechnical engineering recommendations for design and construction of the proposed Taxilane and Parking facility.

ESTIMATED FEE

Based on the proposed scope of services and presuming site accessibility to our personnel/equipment with no anticipated delays (i.e. tree and vegetation clearance by others), the fees for our geotechnical engineering exploration and field soil permeability testing are as follows:

Mobilization	\$ 550.00
Borings (80 ft. @ 14.50\$/ft)	\$1,160.00
SPT Boring Continuous Sampling (8 extra samples @ \$25 each)	\$ 200.00
Laboratory Soil Testing (Soil Classification)	\$ 400.00
Laboratory CBR Testing (3 @ \$425 each)	\$1,275.00
Field Soil Permeability Test (2 @ \$210 each)	\$ 420.00
Pavement cores (3 @ \$125 each)	\$ 375.00
Management (Utility Clearance, coordination, layout, etc.)	\$ 400.00
Engineering and Report Preparation	\$1,620.00
Administration	\$ 60.00
Total	\$6,460.00

Schedule

We anticipate that our field work will encompass two (2) working days. Our report should be issued within 4 working days of completion of the field and laboratory work.

Limitations

The soil borings detailed in this proposal presumes standard geotechnical drilling and does not include provisions for drilling through or into environmentally contaminated material.

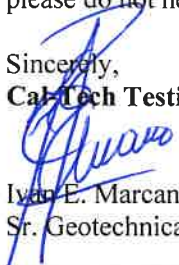
Authorization

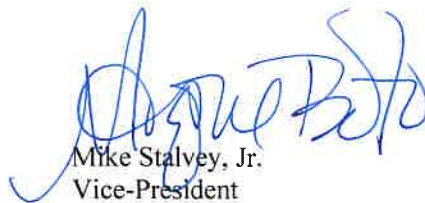
If this proposal is acceptable, please sign below and return to our office. A sub-contract agreement will also be sufficient as authorization.

Closing

CTI appreciates the opportunity to provide this proposal and we look forward to serving you on this and future projects. Should you have any questions concerning this proposal or the services proposed, please do not hesitate to contact me at our Lake City, FL office (386) 755-3633.

Sincerely,
Cal Tech Testing, Inc.


 Ivan E. Marcano, P.E.
 Sr. Geotechnical Engineer


 Mike Stalvey, Jr.
 Vice-President

Proposal for Geotechnical Engineering Exploration & Field Soil Permeability Testing-Lake City Gateway Airport, Hangar Development, Taxilane & Site Work, Lake City, Florida

Name of Representative
 (Print)

Date:

Title:

Representative Signature:



March 27, 2024

VIA EMAIL: llewis@passero.com

Leona Lewis, PE
Aviation Project Manager
PASSERO ASSOCIATES, LLC
4730 Casa Cola Way/Suite 200
St. Augustine, Florida 32095

**(Overall Site - Proposal/Project Area 1 - 7.4 Acres +/-)
LCQ NORTH HANGER DEVELOPEMENT AND TAXIWAY**

Lake City Gateway Airport
3824 US-90
Lake City, Florida 32055

Sections 35 and 36, Township 03 South, Range 27 East, Columbia County, Florida

Dear Leona,

We are pleased to submit our proposal for Surveying Services on the above referenced project.

SCOPE OF WORK:

Provide a Topographic Survey to meet the Standards of Practice as prescribed by the Florida Board of Professional Land Surveyors in Chapter 5J-17 FAC, Section 472.027 of the Florida Statutes. The survey will include the following:

- A. Locate all improvements and utilities, as evidenced by above ground features or if designated and marked by the Utility Owners, their designated representative, or a contracted service at the original time of field visit.
- B. Obtain spot elevations on natural ground and existing improvements suitable for interpolation of one-foot contours to be shown on the final drawing.
- C. Establish a minimum of five (3) site benchmarks.
- D. Topographic coverage will be limited to:
 1. All survey points shall be depicted as "Civil Point Objects" as created in AutoCAD Civil 3D.
 2. All data shall be presented in state plane coordinates (NAD83). Vertical datum NAVD 88 shall be used.
 3. A Triangular Irregular Network (TIN) shall be created, and 3-D lines plotted for the purpose of Passero Associates to generate a 3D Model. The TIN shall be appropriately manipulated to create realistic break lines that most accurately model the existing ground surface.
 4. Provide spot elevations within the area indicated on the Survey Plan. Provide elevations on a 50' max. grid. Increase the survey density as needed to accurately account for all noticeable grade changes.
 5. Locate all survey monuments or benchmarks that are present within the survey areas.

March 27, 2024

(Overall Site - Proposal/Project Area 1)
LCQ NORTH HANGER DEV AND TAXIWAY
at
Lake City Gateway Airport (LCQ)



6. Within indicated areas, locate all natural and manmade features including swales, ditches, change of grades and ponds and provide spot elevations every 50' along top of bank, toe of slope, and centerline of swale/ditch.
7. Locate and identify pavement markings. Airfield centerlines shall be located on center and edge stripes shall be located along outside edge at increments of 100'.
8. Locate all existing airfield edge lights with all duct and cable markers.
9. Locate horizontally and vertically existing edges of pavement for all pavements inside the survey corridor.
10. Locate and provide legend of all signage.
11. Provide location and elevations of drainage structures. All corner elevations shall be provided for top of grate elevations. Locate all storm pipes and provide pipe sizes, material, and inverts. If pipes extend beyond the survey boundary, then provide pipe & structure data at the point of pipe termination.
12. Locate all miscellaneous structures in paved and grassed areas.
13. Locate all above ground utilities, and underground utilities to the extent possible.
14. Provide locations of geotechnical borings (if applicable).
15. Provide finished floor elevations of all buildings located within or at the edge of the survey boundary (if applicable).
16. The survey deliverables shall be electronic files fully compatible with AutoCAD Civil 3D.
17. Provide horizontal and vertical control points that will be used for construction survey in the area of the topographic survey.
18. Provide survey in appropriate scale for readability.
19. During the construction phase of this project, the surveyor must be available to meet with the contractor to discuss any survey coordination such as control point and grading verification that may be required.

Utility owners do not designate and mark their utilities as a result of contacting Sunshine 811 during the design phase. Therefore, Southeastern Surveying and Mapping Corporation (SSMC) will request a Design Ticket from Sunshine 811 and provide the utility contact information received from the Design Ticket.

ADDITIONAL SERVICES

Any service not explicitly provided for in the above scope will be billed as additional services and will be performed at our then current hourly rates as provided for in **Exhibit A**.

