

Apron

TASK ORDER NUMBER 51

This Task Order No. 51 is an amendment to, and made a part hereof, the Consulting Agreement for Engineering Services Related to the Expansion of the Commercial Apron at the Gainesville Regional Airport, between Gainesville-Alachua County Regional Airport Authority (Owner) and AECOM Technical Services, Inc. Task Order No. 51 consists of Exhibit "A" Scope of Services, Exhibit "B" Cost Proposal, Project Sketch, sub-consulting agreements with EDA Consultants and Cal-Tech Testing, Inc., Survey Exhibit and Geotech Exhibit.

EXHIBIT A

A. SCOPE OF SERVICES

I. Project Description and Need:

The **CLIENT** hereby retains **AECOM** to furnish engineering and permitting services for:

- **Gainesville Regional Airport, Design and Bid/Award Phase Services and Drainage Permitting for the Design of Commercial Apron Expansion.**

The above-described improvements are hereinafter called the **PROJECT**.

The airport's commercial terminal has five gates with adjacent concrete aircraft parking and ground servicing areas. Airline aircraft providing daily service over the last several years have ranged in size from 50-seat regional jets to the 190-seat Airbus A321. Most aircraft reside in the 76-110 seat range.

In addition to commercial airlines, the airport is frequently visited by commercial sports and gambling charters. Larger regional jets such as the Embraer 170 and 190 series are serviced by the FBO at the general aviation terminal. Larger aircraft such as the B737, A320/321, B757 and B767 are serviced at the commercial terminal.

The airport has identified a current need for approximately 11,800 square yards of additional concrete apron and taxiway connector capable of supporting FAA design group III aircraft. The new apron area will be utilized to park larger, charter aircraft resulting in fewer conflicts with aircraft at the gates, which have grown in size. The additional pavement will also help support current airline operations while much of the existing terminal apron is rehabilitated and will facilitate future western expansion of the terminal gate area, when needed. The project is expected to include some minor apron edge lighting and high-mast pole lighting with associated controls and CCTV camera(s). The desired expansion will allow at least one aircraft to power out when other aircraft are not parked in close proximity and provide sufficient adjacent space for access by loading/unloading equipment, refuelers and other ground servicing vehicles. During the preliminary phase, AECOM will coordinate with the Master Plan Update consultant to understand the critical aircraft and then perform the apron expansion pavement design based on that information.

The design includes the following project elements (also shown graphically in the attached sketch):

- Add service road access to the north side of the apron expansion.
- Remove portions of connector taxiway entrance to commercial apron for tie in.
- Remove and modify existing AOA fencing.
- Remove and modify existing SIDA fencing and gates.
- Remove existing drainage and convert existing dry ponds to wet ponds as required for new drainage design.
- One Bid Document package to accommodate one base bid and one additive alternate.

The construction budget estimate for all **PROJECT** elements is \$6.4M.

The **TASK** consists of engineering design services and drainage permitting with the St. Johns River Water Management District and the City of Gainesville for the **PROJECT**. The project scope includes topographical

survey and geotechnical analysis of the project area. AECOM will prepare rigid and flexible pavement design, design plans for the project elements as outlined above, a drainage system, and related work.

II. Services by Engineer

The engineering services that **AECOM** shall furnish to the **CLIENT** under this Agreement shall include those defined below.

A. Basic Services

1. Preliminary Phase

- 1.1. Confer with and provide general consultation and advice to the **CLIENT** with respect to project requirements, finances, schedules, and other pertinent preliminary design requirements of the **PROJECT**, including coordination with the Federal Aviation Administration (FAA), Florida Department of Transportation (FDOT), and other concerned agencies on matters affecting the **PROJECT**.
- 1.2. Evaluate planning and engineering considerations to assist in final project scope coordination with **CLIENT, FAA and FDOT**.
- 1.3. Cost estimating and project funding breakout support.

2. Design Phase

- 2.1 Perform engineering surveys as may be necessary for the proper design and construction of the **PROJECT**. A detailed description of these services is defined in the attached sub-consultant proposal.
- 2.2 Perform engineering testing of soils and pavement materials as may be necessary for the proper design and construction of the **PROJECT**. A detailed description of these services is defined in the attached sub-consultant proposal.
- 2.3 Provide general consultation and advice to the **CLIENT** with respect to the final design of the **PROJECT**, including meeting and design conferences to obtain information and to coordinate or resolve final design matters.
- 2.4 Prepare plans, specifications, contract documents and detailed construction cost estimates for award of a construction contract(s) as coordinated with, reviewed by and approved by the **CLIENT, FAA** and the **FDOT**. In providing opinions of probable construction costs, the **CLIENT** understands that the **CONSULTANT** has no control over costs or the price of labor, equipment, or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided herein are to be made on the basis of the **CONSULTANT'S** qualifications and experience. The **CONSULTANT** makes no warranty, expressed or implied, as the accuracy of such opinions as compared to bid or actual costs.
- 2.5 Prepare an Engineer's Report and a CSPP in accordance with FAA criteria and distribute to the **CLIENT, FAA, and FDOT**.
- 2.6 **AECOM** will furnish the **CLIENT** with pdf files and three printed (3) sets of the submittal milestone plans and specifications for **CLIENT** review. Milestone tasks to include:
 - 2.6.1 60% submittal including, but not limited to, 60% plans, draft construction cost estimate, draft technical specifications, and draft engineering report.
 - 2.6.2 90% submittal including, but not limited to, updated plans, updated construction cost estimate, refined technical specifications, draft Construction Safety and Phasing Plan (CSPP), and draft engineering report.

2.6.3 100% submittal including, but not limited to, final plans, final construction cost estimate, and final technical specifications.

2.7 **AECOM** will prepare and submit **FAA** Notice of Proposed Construction or Alteration via OE/AAA online portal.

2.8 Complete the Environmental Resource Permit Modification:

2.8.1. Data Collection and Review

The ENGINEER will collect relevant data needed to design a stormwater management system which include drainage studies soils information, land use maps, county comprehensive plan(s), FEMA floodplain maps, aerial photographs, USGS topographic maps, electronic topographical data, property boundary maps, legal description of the property, existing permits, and hydrologic data (rainfall and stage data).

2.8.2. Site Visits

The ENGINEER will perform detailed site reconnaissance of the project site. The senior drainage engineer involved in the hydrologic/hydraulic modeling and engineering design will inspect the project site, the contributing drainage basin to the project site and the drainage outfall(s) for the project site to accomplish the following activities:

- Confirm existing site conditions,
- Evaluate and observe existing drainage conditions,
- Evaluate the existing stormwater pond(s) within close proximity to the project site,
- Assess potential conveyance paths from the proposed project site to the proposed stormwater pond(s) and/or outfalls.
- Field verify drainage basins,
- Evaluate the runoff potential of existing land uses in the contributing drainage basin,
- Inspect ditches and existing drainage pipes,
- Field verify drainage nodes and drainage links to be modeled,
- Evaluate downstream drainage systems the project area ultimately discharges to,
- Identify existing drainage systems to be surveyed,
- Identify potential sites for stormwater ponds and,
- Identify locations where soil borings and percolation tests shall be performed at potential sites.

Two site visits will be required to accomplish the activities listed above.

2.8.3. Hydrologic and Hydraulic Computer Modeling

The modeling efforts will involve developing the following two hydrologic/hydraulic hydrodynamic stormwater computer models using the Interconnected Pond Routing (ICPR) computer program by Streamline Technologies.

Existing Condition Model, and
Proposed Condition Model,

An existing condition hydrologic/hydraulic model will be prepared for the drainage systems and basin associated with the project site. Drainage systems and basins outside of the project area will also be included in the model in order to accurately simulate the existing drainage condition.

The proposed condition model will be a modification of the existing condition model by including the changes in land use from paved surfaces associated with the new terminal building and apron pavement, and all proposed conveyance and storage systems needed to accommodate the proposed development.

The existing and proposed condition hydrologic/hydraulic models will be evaluated for the 2.33-year, 24-hour (mean annual), 25-year, 24-hour, 100-year, 1-hour, 100-year, 2-hour, 100-year, 4-hour, 100-year, 8-hour, 100-year, 24-hour storm events (project storm events), which are design storms mandated by the SJRWMD and the City of Gainesville. The mean annual and 25-year, 24-hour storm events are required by the SJRWMD and the five 100-year storm events are required by the City of Gainesville and are identified as the 100 year critical storm events in the City of Gainesville Engineering Design and Construction Manual.

The purpose of the existing and proposed condition models is to evaluate the existing and proposed stormwater management systems, and to demonstrate the proposed stormwater management system for the proposed project meets the water quantity and water quality permitting requirements of the SJRWMD and the City of Gainesville.

The Natural Resource Conservation Service (NRCS) curve number method as outlined in the NRCS TR-55 Manual (Urban Hydrology for Small Watersheds) will be used to implement the existing and proposed condition hydrologic analysis. The NRCS method involves the development of a hydrologic computer model on measurable watershed characteristics. Watershed characteristics include soil type, moisture conditions, and land use. These characteristics are used to determine the input parameters of the model. The ENGINEER will determine these input parameters, which include rainfall amount/distribution, sub-basin drainage areas, curve numbers and time of concentrations.

2.8.4. Drainage Design

Using the information obtained during the previous tasks, a design comprised of proposed drainage structures, pipes, and swales, required to convey and store stormwater runoff from the project site. The drainage design will include treatment swales to treat storm water runoff from the proposed development. The proposed swales will be sized to treat stormwater runoff from the new taxiway pavement per criteria mandated by the SJRWMD and the City of Gainesville.

The proposed swales will be new swales located within the project area or in close proximity to the project area. The proposed swales will be designed to treat stormwater runoff from the contributing area that includes the proposed impervious surfaces for this project. Potential sites for the swales will be considered and evaluated and will most likely be located in open grass spaces adjacent to both sides of the taxiway pavement.

Stormwater attenuation will be provided by installing ditch blocks with bleed downs weirs in existing ditches or the construction of dry detention ponds with bleed down weirs.

Dry Retention Ponds to treat and attenuate existing pavement outside the project area as compensatory treatment and attenuation for the proposed impervious areas added for this project will not be evaluated and designed in this scope of services. An amendment to the contract for additional compensation will be required to evaluate pond sites outside of the project area to treat and attenuate existing impervious areas as compensatory treatment and attenuation.

All storm sewer systems will be designed in accordance with the criteria stated in the City of Gainesville Engineering Design and Construction Manual. The storm sewer systems will be designed for the 10-year storm event where the hydraulic grade line is at least 12-inches below the grate elevations for inlets and top elevations for manholes for closed piped systems and 12 inches below the edge of pavement for open swale systems.

2.8.5. Pollutant Loading Calculations

The project area is located within the Little Hatchett Creek Watershed. Little Hatchett Creek flows through the project area and Airport property and ultimately discharges into Gum Root Swamp where the water slowly flows into Newnans Lake. Newnans Lake is an impaired water body for nitrogen and phosphorous as listed by the Florida Department of Environmental

Protection (FDEP). Therefore, the SJRWMD requires a pollutant loading reduction analysis to demonstrate an 80 percent reduction of the average annual pollutant load of Total Nitrogen and Total Phosphorus. The pollutant loading reduction criteria of an 80% reduction in Total Nitrogen and Total Phosphorus was established as a regulatory requirement by the State of Florida in June 2024 and is more stringent than the previous requirement. Therefore, the three wet detention ponds described in Task 4 will have to be designed with the appropriate control structures and permanent pool volumes to meet the more stringent pollution reduction criteria.

2.8.6. Drainage Design Report

A Drainage Report will be prepared incorporating the results of the previous Tasks. Included in this Task will be a location map, USGS quadrangle map, property map of the Airport, Drainage Plan Maps of the existing, and proposed drainage conditions, soil map and floodplain map. All maps are specific to the project site and are to be prepared in AutoCAD. One copy of the Drainage Design Report will be submitted to the OWNER when the ERP application is submitted to the SJRWMD and the permit is submitted to the City of Gainesville for review and comments. It is anticipated that the SJRWMD and City of Gainesville will submit one set of comments each requiring revisions to the drainage report. Therefore, The ENGINEER will address the comments and prepare one copy of the Final Report for submittal to the OWNER.

2.8.7. SJRWMD Environmental Resource Permit (ERP) Preparation

The ENGINEER shall prepare an ERP construction permit application for the proposed project pursuant to Chapter 40C-42, FAC, to be submitted to the SJRWMD. The ENGINEER will prepare all information associated with the stormwater portion of the ERP construction permit application. This information includes the construction plans, drainage report with hydrologic/hydraulic model input and output, floodplain compensation calculations if required, water quality calculations, erosion control best management practices, permanent water quality and water quantity stormwater best management practices, stormwater conveyance systems and any other relevant information associated with drainage.

The engineer will schedule and attend a pre-application meeting with the SJRWMD to discuss the project and determine ERP requirements. The pre-application meeting will be held at the project site.

The ENGINEER shall respond to up to two (2) requests for additional information submitted by the SJRWMD. Responses may include revisions to the ERP application, drainage report, hydrologic/hydraulic models and construction plans.

Permit fees to the SJRWMD are not included in the scope of services. The OWNER is responsible for paying permit fees to the SJRWMD.

2.8.8. City of Gainesville Construction Permit Preparation

The ENGINEER shall prepare a construction permit application for the proposed project to the City of Gainesville. A local SUBCONTRACTOR will assist the ENGINEER in this preparation. The drainage report prepared by the ENGINEER for TASK 6 will be included in the City of Gainesville permit application.

The ENGINEER shall respond to up to two (2) requests for additional information submitted by the City of Gainesville. Responses may include revisions to the permit application, drainage report, hydrologic/hydraulic models and construction plans.

Permit fees to the City of Gainesville are not included in the scope of services. The OWNER is responsible for paying permit fees to the City of Gainesville.

3. Bid and Award Phase

- 3.1. Assist the **CLIENT** with project advertising, conduct or be present at the Pre-Bid Conference, issue addenda as required to respond to questions and requests for clarification during bidding, and related bidding phase tasks.
- 3.2. Assist the **CLIENT** in obtaining proposals from construction contractors for the construction of the **PROJECT**, review technical qualifications of bidders, review and tabulate all proposals received by the **CLIENT** and make recommendations to the **CLIENT** for the award of construction contracts subject to the **CLIENT**'s investigation of the bidder's financial qualifications and to the concurrence of the **CLIENT**'s legal counsel.

B. Additional Services

If authorized in writing by the **CLIENT**, **AECOM** will furnish or obtain from specialty consultants the following services in connection with the **PROJECT**.

1. Prepare other permit applications with supporting drawings, figures and attachments, including, but not limited to:
 - 1.1. Formal or informal Section 7 consultations with the US Fish and Wildlife Service (USFWS).
 - 1.2. The development of conservation measures for impacts to any protected species which may be affected by the construction of the **PROJECT**.
 - 1.3. USFWS or Florida Fish and Wildlife Conservation Commission (FWCC) incidental take permits or relocation permits for any protected species.
2. Environmental Services, including preparation of Documented Categorical Exclusion (CatEx) to satisfy the requirements of the National Environmental Policy Act of 1969 (NEPA) for the **PROJECT**.
3. Environmental services associated with wetland determination, protected species etc.
 - 3.1. The proposed **PROJECT** is not anticipated to impact Wetlands and Other Surface Waters (OSW). Therefore, work associated with determining the location of wetlands and OSW, evaluating wetlands and OSW and quantifying wetland impacts for the purposes of preparing the permit application is not included in this scope of services. Any work evaluating wetlands and OSW and quantifying wetland and OSW in response to requests from the SFWMD, **CLIENT** or other permitting agencies will be considered additional services.
4. Make major revisions to completed or partially completed design plans and specifications to incorporate changes made to the scope of work after approval of said element of the project by reviewing agencies provided that these revisions are not attributable to any errors or omissions of **AECOM**.
5. Prepare construction contract change orders or supplemental agreements involving major changes or revisions of the completed construction plans, specifications or to construction operations which are not attributable to any error or omissions on the part of **AECOM**.
6. Prepare to serve as a consultant, witness or representative for the **CLIENT** in any public hearing, public information meeting or other administrative proceeding involving the **PROJECT**. Such consultation and representation in connection with litigation or other legal proceedings involving the **PROJECT** shall be covered under subsequent supplemental agreement.
7. Assist the **CLIENT** in performing any inspection of facilities constructed under this Agreement after final acceptance of the work but prior to the expiration of any contractor's warranty periods imposed in construction contract documents.

8. Furnish additional copies of final plans, specifications and contract documents beyond the ten (10) called previously for use in advertising for construction bids or other review purposes.
9. Perform services involving the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals, evaluations or other similar detailed analysis that are not normally required in the scope of the **PROJECT**.
10. Prepare drawings from field measurements or existing construction when required for planning additions or alterations thereto where they are not included in the original scope of the **PROJECT**.
11. Perform additional engineering surveys as may be necessary for the proper design and construction of the **PROJECT**.
12. Represent the **CLIENT** in the Pre-Construction Conference.
13. Provide general consultation and advice to the **CLIENT** with respect to the Construction of the **PROJECT**.
14. Perform weekly inspections (not including the services of full-time inspectors) of the **PROJECT** while construction is in progress to observe the progress, workmanship and quality of material for conformity with the plans, specifications and construction schedule and provide appropriate reports to the **CLIENT**.
15. Perform or arrange for the services of a full-time Resident Project Representative to perform observations of the performance of the work of the contractor during the construction of the **PROJECT**.
16. Review and approve, if acceptable, for compliance with the design concept of the **PROJECT** and compliance with the information given in the construction contract documents, all detailed construction shop and erection drawings and materials samples submitted by the Contractor(s).
17. Perform quality assurance testing of materials as may be necessary for the proper construction of the project. Review reports of field inspections and testing activities performed by the contractor, testing laboratory or others.
18. Prepare routine change orders or routine supplemental agreements as may become necessary during construction of the work, it being understood that change orders or supplemental agreements involving major changes or revisions to plans, specifications or construction operations will be performed in accordance with "Additional Services", described herein.
19. Review and recommend for approval, monthly and final progress payments to the contractor, change orders, supplemental agreements and time extensions.
20. Perform final inspection with representatives of the **CLIENT** and appropriate governmental agencies of the completed **PROJECT**.
21. Provide project closeout documentation and record drawings based on the observations of the engineer, the inspector, and the contractor's marked up drawings.
22. Prepare and /or verify "as-built" information provided by the construction contractor(s) by means of a survey crew.
23. Perform other than routine services when required by audit subsequent to the completion of the **PROJECT**.
24. Additional services not otherwise provided for by this Supplemental Agreement as may be determined as necessary to accomplish the **PROJECT** and authorized in writing by the **CLIENT**. Compensation for changes to the scope of the project, additional services or additional work are subject to negotiations between the **CLIENT** and **AECOM**.

III. CLIENT'S RESPONSIBILITIES

The **CLIENT's** responsibilities shall include the following:

1. Coordinate the **CLIENT's** requirement for the **PROJECT** with **AECOM**.
2. Provide copies of pertinent documents, reports, plans, specifications, photography, standard forms and other similar data available to the **CLIENT** that are required by **AECOM** for the proper performances of his services.
3. Provide information and make decisions as may be required to prosecute the work in a timely manner.
4. Perform, or authorize **AECOM** to arrange to have specialty consultants perform, all necessary test borings, sub-surface investigations, testing of soil samples and engineering surveys as may be required by **AECOM**.
5. Reimburse **AECOM** for the costs of printing contract plans, specifications and contract documents required for the securing of bids for the **PROJECT** and for the use by contractors, sub-contractors, testing laboratories and others having need for such documents, less any amount paid to **AECOM** by prospective bidders or others, for copies of these documents.
6. Advertise for and accept proposals from bidders, review **AECOM's** recommendations on the technical qualifications of the bidders and investigate the bidder's financial and legal qualifications.
7. Review insurance documents submitted by contractor(s) for conformance with the construction contract documents.
8. Authorize **AECOM** to arrange for the hiring of a full-time or part-time Resident Project Representative (RPR) to perform observation of the performance of the work of the contractor during the construction of the **PROJECT**.
9. Provide payment of permit application fees directly to the agency(ies) as necessary to complete submittal requirements to respective management and permitting agencies.

IV. DESIGNATION OF STAFF

AECOM hereby designates the following staff to this project. Any changes to staff that may be required due to staff loss or unforeseen circumstances shall only occur after consultation with and approval from **GACRAA** staff.

Project Principal – Steven G. Henriquez
Project Manager/Senior Engineer – William R. Prange
Senior Engineer – Kelli Piercy
Senior Drainage Engineer – Russ Pratt

B. PROJECT SCHEDULE

The project is anticipated to be complete within 7 months of notice to proceed, with an expected bid opening in April 2026. A design milestone schedule will be presented at the project kick-off meeting.

C. PAYMENT

Total contract amount of **\$650,387.30** based on the attached Exhibit B. Invoices will be presented monthly and will be supported by a Progress Report.

D. EFFECTIVE DATE

This Task Order No. 51 shall be effective as of _____.

E. ORIGINAL AGREEMENT

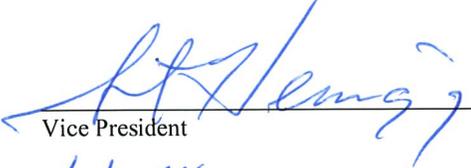
All Terms and Conditions of the Agreement dated April 1, 2025 as amended shall remain the same and shall apply hereto.

F. ACCEPTANCE

By signature, the parties hereto accept the provisions of this Task Order No. 51.

ARCHITECT/ENGINEER:

AECOM Technical Services, Inc.

By: 
Vice President

Date: July 24, 2025

OWNER:

**GAINESVILLE-ALACHUA COUNTY
REGIONAL AIRPORT AUTHORITY**

By: 
Chief Executive Officer

Date: 7/25, 2025

Federal Aviation Administration

By: NA

Date: _____, 2025

Florida Department of Transportation

By: NA

Date: _____, 2025



May 1, 2025

AECOM
Attn: Bill Prange, P.E.
Sr. Engineer/Project Manager
7650 West Courtney Campbell Causeway
Tampa, FL 33607

Via Email: bill.prange@aecom.com, dennis.combs@aecom.com, kelli.piercy@aecom.com,
russ.pratt@aecom.com, and Ahmad.AILabban@aecom.com

Re: Gainesville Regional Airport – GNV West Apron Expansion

Dear Mr. Prange:

In response to your request for a proposal for our professional surveying and engineering support services for the above-referenced project, we hereby submit the following for your review and approval.

Engineering Support Services

General Coordination / Representation of Client

eda will provide the following general support services for the permitting process of the GNV West Apron Expansion at the Gainesville Regional Airport. **eda** will serve as a liaison between the client, AECOM, and the City of Gainesville and will attend all required meetings throughout the application review process. These services include the following:

- **First Step Meeting:** Schedule meeting and represent client at the required First Step Meeting and any other necessary meetings with City Staff.
- **GRU Project Meeting:** Schedule meeting and represent client at the required GRU project meeting and any other necessary meetings with GRU Staff.
- **Neighborhood Workshop:** Schedule the required neighborhood meeting for the project, which will include all aspects of scheduling, advertising, mailing and representation at the meeting and production of the required "Public Participation Report" for the site plan submittal.
- **ProjectDox – City and GRU Application Processing**
eda will assist with assembling the permit application package, including getting Project Dox project number assigned, and provide coordination with AECOM staff to submit and process applications and submit the required documents.
- **Public Hearing (Development Review Board):**
eda shall prepare a presentation of the project for the public hearing before the Development Review Board which serves as a reviewing body for the Major Site Plan application.

- **Public Hearing (Airport Board):** eda shall attend and participate as a design team representative at the presentation of the project to the Airport Board which serves as the official reviewing body for the application.
- **Additional Meetings:** Throughout the application process, eda will represent the client at all required meetings with project consultants, city representatives and/or members of the public.

Development Plan Coordination and Submittal

- Coordinate with AECOM and its project consultants (landscape architect, lighting engineer and geotechnical engineer, as required) to prepare and submit a complete Development Plan for processing through the City of Gainesville Planning and Gainesville Regional Utilities (GRU) staff.
- Coordinate utility plans and permit application for submittal to Gainesville Regional Utilities (GRU) to serve the proposed improvements. More specifically, eda will submit to GRU showing any impacts to existing utilities and providing verification of required utility offsets.
- Represent the applicant in all City, water management district, GRU and any other required meetings.

Final Documents

Response to Agency(s) – eda shall coordinate with the design team to respond to comments and resubmit to agency(s).

Review Meeting – eda shall attend a meeting to discuss the 90% plans and specifications with the design team.

Agency Submittal – eda shall submit final plans to all required agencies for final approval.

Review Meeting – eda shall attend one review meeting with the design team and the Authority to discuss the details of the design and identify where further detail is needed.

Surveying Services

Site: Gainesville Regional Airport
GNV West Apron Expansion
(See attached exhibit for the specific extents of the topographic survey)

Topographic Survey with Underground Utilities

- Prepare a Topographic Survey of the subject property which meets the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17, Florida Board of Administrative Code, pursuant to Section 472.027 Florida Statutes.

The Topographic Survey will include:

- Spot elevations sufficient to generate 1' contours and all significant grade breaks.
 - Taxiways will be cross-sectioned every 25 feet, more or less.
 - Ground shots will be provided on a nominal 50'x50' grid.

- The location of all fixed above ground improvements.
 - The location of all trees 8" and greater in diameter (measured 4.5 feet above grade).
 - The location, size, depth, and material type of all accessible sanitary and storm sewer inverts.
- Locate all traceable Underground Utilities subject to our Utility Location Agreement (attached).

VVHs

- Perform a soft dig of up to Twenty (20) utility lines for the purposes of a VVH (Verification of Vertical and Horizontal Location). The size and material of the utility line will be noted along with the vertical and horizontal location.

Notes:

1. This proposal does not include any civil engineering design or drainage design work for the proposed improvements. eda will not be producing any plan sheets and will be working with AECOM's plans for the project.
2. This proposal does not include payment of application fees to governmental review agencies.

Fees

Engineering Services

- General Coordination / Representation of Client \$ 12,000.00
- Development Plan Coordination and Submittal \$ 7,500.00
- Final Documents \$ 7,500.00
- Reimbursables (Printing, Advertising, Mailing, etc.) \$ 2,500.00

Surveying Services

- Topographic Survey with Underground Utilities \$ 28,500.00
- VVHs \$ 25,000.00 (Not to Exceed)

If this proposal meets with your approval, please authorize **eda** consultants inc. to proceed with the work outlined above by signing the attached contract and initialing the fee schedule. The prices included in this proposal are good for 45 days – if that time has passed, please contact **eda** for a revised proposal.

If you have any questions, please feel free to contact our office.

Sincerely,



Sergio Reyes, P.E.
President



Utility Location Agreement

This utility location agreement is an attachment to a fee proposal by **eda** consultants inc. to provide engineering and/or surveying or utility location services. Acceptance of the engineering and/or surveying or utility location services fee proposal is also an acceptance of the terms and conditions of this agreement.

eda will attempt to locate all traceable public utility lines that are made evident by above ground fixtures and/or signage within the limits designated in the fee proposal using state-of-the-art electronic location equipment and/or ground penetrating radar. Tracing of irrigation lines/control wires and other minor private utility lines is not included unless otherwise specifically noted in the surveying scope of services portion of the proposal. A certification as to the existence of septic tanks, drain fields and underground tanks will not be made unless otherwise specifically noted in the surveying scope of services portion of the proposal.

Utility lines will be marked with flags and/or paint or chalk using "Guidelines for marking underground facilities" published by the American Public Works Association (APWA). The surveyor is not responsible for removing any paint marks or flags after the survey is completed.

No excavation of utilities is proposed. Should excavation be required for design purposes, **eda** can coordinate with a third party firm to provide those services as additional services.

There are many factors outside the control of the utility locator that affect the electronic or radar location of underground utilities including, but not limited to: broken, non-grounded, or non-existing trace wires on non-metallic lines, fiber optic cables with no metallic sheath or trace wire, clay or wet soils, crossed trace wires, lines in close proximity to each other, lines not evidenced by any above ground fixtures or signage, etc.

eda has an excellent record of accurate locates. However, because of the above noted factors that are beyond the control of the surveyor, the following note will be placed on the survey (prepared by **eda** or others if **eda** provides location services to another firm) and is a condition of **eda** providing these services:

THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN WERE BASED ON ABOVE GROUND FIXTURES, UTILITY COMPANY MAPS AVAILABLE TO THE SURVEYOR, AND ELECTRONIC DETECTION METHODS. UNLESS NOTED OTHERWISE ON THE GRAPHIC PORTION OF THIS SURVEY, NO UTILITIES WERE UNCOVERED TO VERIFY THEIR LOCATION.

NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED BY THE SURVEYOR THAT THE LOCATIONS SHOWN REPRESENT THE ACTUAL LOCATIONS OF THOSE UTILITIES, THE UTILITY TYPE, OR THAT NO OTHER UTILITIES EXIST ON THE SITE.

PRIOR TO THE DESIGN OF UTILITY CONNECTIONS, THE PROPOSED CONNECTION POINTS SHOULD BE EXCAVATED AS NECESSARY TO CONFIRM THEIR EXACT LOCATION, DEPTH AND CHARACTERISTICS. IN ACCORDANCE WITH FLORIDA STATUTE CHAPTER 556, PRIOR TO ANY EXCAVATION, THE EXCAVATOR SHOULD CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770.



Client Contract

CONSULTANT:

eda consultants inc.
720 SW 2nd Avenue, South Tower, Suite 300
Gainesville, FL 32601
P: (352) 373-3541

CLIENT:

AECOM
Attn: Bill Prange, P.E.
7650 West Courtney Campbell Causeway
Tampa, FL 33607

Client requests and authorizes CONSULTANT to perform the following services:

SCOPE: per proposal dated May 1, 2025 for GNV West Apron Expansion

COMPENSATION by CLIENT to CONSULTANT will be:

SERVICE	COST		INITIAL FOR APPROVAL
General Coordination / Representation of Client	\$12,000.00		
Development Plan Coordination and Submittal	\$7,500.00		
Final Documents	\$7,500.00		
Reimbursables	\$2,500.00		
Topographic Survey with Underground Utilities	\$28,500.00		
VVHs	\$25,000.00	Not to Exceed	
Total	\$83,000.00		

Other Terms: Retainer of 20% due upon proposal acceptance; funds to be applied toward final invoice. Invoices due and payable within thirty (30) days of presentation.

Services covered by this AGREEMENT will be performed in accordance with the Provisions listed below and any attachments or schedules. This AGREEMENT supersedes all prior agreements and understanding and may only be changed by written amendments executed by both parties.

PROVISIONS

1. Authorization to Proceed. Execution of the AGREEMENT by CLIENT will be authorization for CONSULTANT to proceed with the work.

2. Per Diem Rates. CONSULTANT'S Per Diem Rates, when stated as basis of compensation, are those hourly rates charged for work performed on the PROJECT by CONSULTANT'S employees for the indicated classification. These rates are subject to adjustments upon 60-day notice and include all allowances for salary, overhead and fees, but do not include allowances for Direct Expenses.

3.1 Cost Opinions. Any cost opinions or other PROJECT economic evaluations provided by CONSULTANT will be on a basis of experience and judgment, but since CONSULTANT has no control over market conditions or bidding procedures, CONSULTANT can in no way warrant that bids, construction costs, or other project economics will not differ from the cost opinions or other PROJECT economic evaluation provided.

3.2 The CLIENT agrees that CONSULTANT has given no guarantees regarding the outcome or resolution of this engagement. Specifically, as it relates to land use/zoning or other development approval(s), the CLIENT agrees that CONSULTANT has not and cannot guarantee that the applications will be approved, or approved with conditions acceptable to the CLIENT, since the government approval process necessarily involves review of the applications in the legislative and political process, which carries with it a high degree of discretion, risk, and uncertainty. The CLIENT also agrees that the approval process requires the professional judgment of CONSULTANT, in consultation with other professional consultants and the CLIENT, none of whom can control the behavior of public officials or guarantee the outcome of a public body's vote on an application.

3.3 To the extent that actions or inactions by the government require additional services beyond those estimated in the scope of work and Compensation sections of this Agreement, CONSULTANT will be entitled to payment by CLIENT for those services upon presentation of the invoice.

3.4 Notwithstanding anything to the contrary, the Parties acknowledge that CONSULTANT is and shall remain the exclusive owner of all ACAD files (the "Files") produced in connection with this Agreement. Copies of the Files will not be submitted or provided to CLIENT or CLIENT's agents or contractors.

4. Standard of Care. The Standard of Care applicable to CONSULTANT'S services will be the degree of skill and diligence normally employed by professional Engineers, Surveyors & Mappers, Planners or CONSULTANTS performing the same or similar services in Alachua Co., Florida at the time CONSULTANT'S services are performed. CONSULTANT will re-perform any services not meeting this Standard of Care without additional compensation.

5. Termination. This AGREEMENT may be terminated for convenience on 30 days written notice, or for cause, if either party fails substantially to perform through no fault of the other and does not commence correction of such nonperformance within 5 days of written notice and diligently complete the correction thereafter. Should CLIENT not pay any invoices within 45 days of receipt, the CONSULTANT reserves the right to discontinue work and/or terminate this agreement for cause by providing the client 5 days written notice. On termination, CONSULTANT will be paid for all authorized services performed up to the termination date plus expenses, such as, but not limited to, reassignment of personnel, subcontract termination costs, and related closeout costs. If no notice of termination is given, relationships and obligations created by this AGREEMENT, except Provisions 8 through 12, will be terminated upon completion of all applicable requirements of this AGREEMENT.

6. Payment to Consultant. Monthly invoices will be issued by CONSULTANT for all services provided under this AGREEMENT. Invoices are due and payable on receipt. Interest at a rate of 1-1/2 percent per month, or that permitted by law, will be charged on all past-due amounts starting 30 days after the date of the invoice. Payment will first be credited to interest and then to principal. If payment is not received within 45 days of invoice date the CONSULTANT will stop work and inform the CLIENT that work has stopped, and legal means will be pursued to obtain payment. No information/data associated with the project will be provided to any party involved (including official agencies) until full payment of past due invoices is received. In the event of a disputed or contested invoice, only that portion so contested will be withheld from payment, and the undisputed portion will be paid.

CLIENT will exercise reasonableness in contesting any invoice or portion of the invoice until mutually resolved. If any action, in law or equity, is brought to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees as determined by the court in the same action.

7. Limitation of Liability. In recognition of the relative risks, rewards and benefits of the Project to both the CLIENT and the CONSULTANT, the risks have been allocated so that the CLIENT agrees that, to the fullest extent permitted by law, CONSULTANT'S other liability to CLIENT for any and all injuries, claims, losses, expenses, damages or claim expenses arising out of this AGREEMENT, from any cause or causes, shall not exceed the compensation received by CONSULTANT under this AGREEMENT. This Provision takes precedence over any conflicting Provision of this AGREEMENT or any document incorporated into it by reference.

8. Severability and Survival. If any of the Provisions contained in this AGREEMENT are held illegal, invalid or unenforceable, the enforceability of all remaining Provisions shall not be impaired thereby. Limitation of Liability, indemnities and other express representations shall survive termination of this AGREEMENT for any cause.

9. Interpretations. The limitations of liability will apply whether CONSULTANT'S liability arise under breach of contract or warranty; tort, including negligence; strict liability; statutory liability; or any other cause of action, except the limitations will not apply to willful misconduct or gross negligence for limitations of liability or sole negligence for indemnification. Said limitations shall apply to CONSULTANT'S officers, affiliated corporations, employees and subcontractors.

10. Construction Phase Services. (a) if the Consultant prepared construction documents and the Consultant is not retained to make periodic site visits, the Client assumes all responsibility for interpretation of the documents and for construction observation, and the Client waives any claims against the Consultant in any way connected thereto. (b) The Consultant shall have no responsibility for any contractor's means, methods, techniques, equipment choice and usage, sequence, schedule, safety programs, or safety practices, nor shall Consultant have any authority or responsibility to stop or direct the work of any contractor. The Consultant's visits will be for the purpose of endeavoring to provide the Client a greater degree of confidence that the completed work of its contractors will generally conform to the construction documents prepared by the Consultant. Consultant neither guarantees the performance of contractors, nor assumes responsibility for any contractor's failure to perform its work in accordance with the contract

documents. (c) The Consultant is not responsible for any duties assigned to it in the construction contract that are not expressly provided for in this Agreement. The Client agrees that each contract with any contractor shall state that the contractor shall be solely responsible for job site safety and its means and methods; that the contractor shall indemnify the Client and the Consultant for all claims and liability arising out of job site accidents; and that the Client and the Consultant shall be made additional insureds under the contractor's general liability insurance policy.

11. No Third-Party Beneficiaries. This AGREEMENT gives no rights or benefits to anyone other than CLIENT and CONSULTANT and has no third-party beneficiaries. CONSULTANT'S services are defined solely by this AGREEMENT, and not by any other contract or agreement that may be associated with the PROJECT.

12. Assignments. This is a bilateral personal services AGREEMENT. Neither party shall have the power to or will assign any of the duties or rights or any claim arising out of or relating to this AGREEMENT, whether arising out of tort, contract, or otherwise, without the written consent of the other party. Any unauthorized assignment is void and unenforceable. These conditions and the entire AGREEMENT are binding on the heirs, successors and assigns of the parties hereto.

13. Dispute Resolution. The parties shall attempt to amicably resolve any disputes arising under this Agreement. Should judicial relief be necessary, such an action will only be commenced in a state court of competent jurisdiction in the Eighth Judicial Circuit in and for Alachua County, Florida. This Agreement shall be construed and interpreted under Florida law. The prevailing party in any action shall be entitled to an award of reasonable attorney's fees and all costs, whether taxable or not, for proceedings at the trial and appellate level, plus interest, and the costs of collection.

14. PURSUANT TO FS 558.0035, EMPLOYEES OF CONSULTANT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR DAMAGES RESULTING FROM NEGLIGENCE UNDER THIS AGREEMENT.

APPROVED FOR CLIENT

ACCEPTED BY **eda**

BY _____

BY _____

Print Name & Title

Sergio Reyes, PE - President

Date: _____

Date: _____



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 14, 2025

Mr. Bill Prange, P.E.
AECOM
7650 W. Courtney Campbell Cswy.
Tampa, Florida 33607

**RE: Proposal for Geotechnical Engineering Exploration & Field Soil Permeability Testing
GNV West Apron Expansion
Gainesville, Florida**

Dear Mr. Bill Prange, 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 Gainesville Regional Airport West Apron Expansion in Gainesville, Florida.

PROJECT & SITE INFORMATION

Based on the Geotechnical Exhibit Sheet 01 and 02, the determination of the subsurface soil conditions including subgrade strength and permeability parameters is required to aid in the design and construction of the proposed West Apron Expansion.

SCOPE OF SERVICES

Per your request, the scope of services consists of drilling 33, 15-ft-deep, Standard Penetration Test (SPT) borings at locations within the proposed Concrete Commercial Apron, Asphalt Taxilane, Roadway and Stormwater Detention Ponds as well as performing two (2) field soil permeability tests next to Detention Pond borings and bulk-sampling of soils at eight (8) locations throughout the proposed Concrete Apron, Asphalt Taxilane, and Roadway for determination of the subgrade strength by the California Bearing Ratio (CBR) in our laboratory.

The SPT boring and CBR locations will be laid out by our field crew from coordinates provided by you. Prior to the drilling work, we will contact the Sunshine State One-Call System to mark-out the location of known underground utilities in the area of the proposed borings.

The SPT borings will be performed in general accordance with applicable ASTM standards and backfilled with soil cuttings at completion. The subgrade strength will be determined in accordance with the ASTM California Bearing Ratio (CBR) on laboratory compacted samples.

At completion all boring and CBR soil samples will be delivered to our laboratory for review and classification by our geotechnical engineer in general accordance with the Unified Soil Classification System.

Proposal for Geotechnical Engineering Exploration & Field Soil Permeability Testing
 GNV West Apron Expansion
 Gainesville, Florida

At completion of the field and laboratory work, we will prepare a report summarizing the work performed and presenting the subsurface soil profile, vertical and horizontal Hydraulic Conductivity, groundwater depth, estimated Seasonal High Groundwater Table (SHGWT), soil Fillable Porosity, Hydrology Group, depth to confining layer and our geotechnical engineering recommendations for site preparation and construction of the apron, taxiways and roadway pavements.

ESTIMATED FEE

Based on the proposed scope of services the fee for our geotechnical engineering exploration is as follows:

Mobilization	\$ 1,850.00
Borings (495 ft. @ \$15/ft)	\$ 7,425.00
Field Soil Permeability Tests (2 @ \$ 210 each)	\$ 420.00
Laboratory (Soil Classification)	\$ 3,100.00
CBR (8 @ 425 \$/each)	\$ 3,400.00
Management (utility clearance, boring layout, etc.)	\$ 560.00
Report Preparation	\$ 4,480.00
Administration	\$ 65.00
Total	\$18,000.00

Schedule

The field work is expected to encompass seven (7) working days and the report should be issued within 5 working days of completion of the field and laboratory work.

Authorization

If this proposal is acceptable, please authorize us to proceed with the proposed services by signing 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 call us at (386) 755-3633.

Sincerely,

Cal-Tech Testing, Inc.

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

Mike Stalvey, Jr.
 Vice-President

Geotechnical Engineering Exploration & Field Soil Permeability Testing-GNV West Apron Expansion, Gainesville, Florida	
Name of Representative (Print)	Date
Title:	
Representative Signature:	