

**CONTRACT FOR PROFESSIONAL ENGINEERING SERVICES
FOR
GROUND TRANSPORTATION CENTER PROJECT
BETWEEN
THE SARASOTA MANATEE AIRPORT AUTHORITY
AND
AVCON, INC.**

This Contract is made and entered into this 24 day of May, 2021 by and between the Sarasota Manatee Airport Authority, a political subdivision of the State of Florida, (hereinafter referred to as the "Authority"), and AVCON, Inc. (hereinafter, referred to as "the Consultant", 5555 E. Michigan St., Suite 200, Orlando, FL, 32822). The Contract is effective on the date of execution by the Authority.

WITNESSETH:

The parties hereto agree that the services to be performed by the Consultant under this Contract, the objectives and conditions of the Contract, the fees to be paid for such services, and the time of performance of this Contract shall be as described below:

Item 1 - Scope of Services

Except as modified by this Contract, the Consultant shall perform the services identified within the scope of services received on April 9, 2021 attached hereto (Description of Work and Exhibit A), and incorporated by reference into this Contract.

Item 2 - General Conditions

- A. Basic Data Provided by Authority - The Authority shall make available to the Consultant such appropriate data and information as are available to the Authority and under its control.
- B. Coordination - Continuing coordination shall be maintained with the Authority to assure applicability of the findings with respect to specific local conditions and compatibility with the Authority's general policies and goals.
- C. Representatives - To expedite the undertaking of services performed under this Contract and to permit the coordination of materials, commitments and correspondence, the Authority hereby designates the President, CEO, or designee as its representative, and the Consultant hereby designates Rick Baldocchi, P.E. as its representative to whom all correspondence, materials, requests for conferences and other similar data shall be directed. Any and all changes that will affect this Contract shall be approved in writing by the Authority prior to proceeding.
- D. Time of Performance - The Consultant shall commence as soon as practicable, but not before the execution of this Contract. Work is anticipated to begin June 1, 2021 and projected to end June 30, 2022 unless extended. Any extension of the Contract term shall be in the sole discretion of the Authority.
- E. Compensation - The Authority agrees to pay the Consultant a total price of \$627,444.28 according to the attached fee schedule (Exhibit A).
- F. Method of Payment - The Authority shall pay the Consultant for services detailed in Scope of Services, in accordance with statements to be submitted by the Consultant to the Authority.

Such statements shall be submitted monthly and shall cover services performed during the preceding month.

G. Availability of Records -

1) Books and Records:

During the period of this Contract and for three years thereafter, the Consultant shall keep any and all information, materials, and data of every kind and character including without limitation records, books, papers, and documents in accordance with generally accepted accounting principles that may in the Authority's judgment pertain to any matters or obligations covered by the Contract. Such records shall also include, but not be limited to those records necessary to evaluate and verify direct and indirect costs (including overhead allocations). Such records shall include (hard copy, as well as computer readable data if it can be made available), written policies and procedures, time sheets, payroll registers, cancelled checks, original estimates, estimating work sheets, correspondence, change order file, back charge logs and supporting documentation, general ledger entries detailing cash and trade discounts earned, insurance rebates and dividends to the extent necessary to adequately permit evaluation and verification of:

- a) Consultant's compliance with Contract Requirements, and
- b) Compliance with provisions for pricing change orders, invoices or claims submitted by the Consultant or any of its payees.

The Consultant shall require all payees (i.e. subconsultants/suppliers) to comply with the provisions of this article by insertion of the requirements in any Contract between the Consultant and the payee; such requirements to include flow-down right of the audit provision to all payees.

2) Access to Records and Reports:

The Consultant shall provide, at its sole cost and expense the books of account and records requested by the Authority for audit within sixty (60) calendar days of receiving a written request. If the books of account and records are kept at locations other than the Airport, the Consultant shall arrange for them to be brought to a location convenient to the auditors for the Authority, or the Consultant may at its option transport the Authority audit team to the Consultant's headquarters for purposes of undertaking said audit. In such event, the Consultant shall pay reasonable costs of transportation, food and lodging for the Authority's audit team. There may be no limitation in the scope of the examination that would hinder the Authority or its authorized representative in testing the accuracy of the claims submitted.

An audit report will be issued by the Authority or its representative and made available to the Consultant. Consultant shall have thirty (30) calendar days to comment in writing on the audit report. Failure of Consultant to submit written comments shall constitute acceptance of the audit report as issued.

Any adjustments and/or payment which must be made as a result of any such audit or inspections of the Consultant's invoices and/or records shall be made within a reasonable amount of time (not to exceed 90 days) from presentation of the Authority's findings to the Consultant.

If an audit inspection or examination in accordance with this article, discloses overpricing or overcharges (of any nature) by the Consultant to the Authority in excess

of one-half of one percent (.5%) of the total Contract billings, the reasonable actual cost of the Authority's audit shall be reimbursed to the Authority by the Consultant.

H. Public Records Law, Confidentiality - Consultant should be aware that all submittals provided are subject to public disclosure and will not be afforded confidentiality. All proposal documents or other materials submitted will be open for inspection by any person and in accordance with Chapter 119, Public Records Law, and as amended, Florida Statutes. The Consultant shall agree to comply with public records laws, and shall, specifically:

- 1) Keep and maintain public records that ordinarily and necessarily would be required by the Authority in order to perform the services;
- 2) Provide the public with access to public records on the same term as and conditions as the Authority would provide the records and at a cost that does not exceed the cost provided in Ch. 119 or as otherwise provided by law;
- 3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law;
- 4) Meet all requirements for retaining public records and transfer, at no cost, to the Authority all public records in possession of the Vendor upon termination of the Contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically shall be provided to the Authority in a format that is compatible with the information technology systems of the Authority.

I. Termination for Convenience - The Authority may, by written notice to the Consultant, terminate this Agreement for its convenience and without cause or default on the part of Consultant. Upon receipt of the notice of termination, except as explicitly directed by the Authority, the Consultant must immediately discontinue all services affected.

Upon termination of the Agreement, the Consultant must deliver to the Authority all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Authority agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice, costs incurred by the Consultant in connection with the services to the date of termination, costs necessary to terminate commitments for the services made by the consultant prior to the date of termination, and costs and expenses of the Consultant's demobilization. Compensation will not include anticipated profit on non-performed services.

Authority further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

J. Termination for Default – Either party may terminate this Agreement for cause if the other party fails to fulfill its obligations that are essential to the completion of the work per the terms and conditions of the Agreement. The party initiating the termination action must allow the breaching party an opportunity to dispute or cure the breach. The terminating party must provide the breaching party [7] days advance written notice of its intent to terminate the Agreement. The notice must specify the nature and extent of the breach, the conditions necessary to cure the breach, and the effective date of the termination action. The rights and remedies in this clause are in addition to any other rights and remedies provided by law or under this agreement.

- 1) Termination by Owner: The Owner may terminate this Agreement in whole or in part, for the failure of the Consultant to:
 - a) Perform the services within the time specified in this contract or by Owner approved extension;
 - b) Make adequate progress so as to endanger satisfactory performance of the Project;
 - c) Fulfill the obligations of the Agreement that are essential to the completion of the Project.

Upon receipt of the notice of termination, the Consultant must immediately discontinue all services affected unless the notice directs otherwise. Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services. Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause. If, after finalization of the termination action, the Owner determines the Consultant was not in default of the Agreement, the rights and obligations of the parties shall be the same as if the Owner issued the termination for the convenience of the Owner.

- 2) Termination by Consultant: The Consultant may terminate this Agreement in whole or in part if the Owner:
 - a) Defaults on its obligations under this Agreement;
 - b) Fails to make payment to the Consultant in accordance with the terms of this Agreement;
 - c) Suspends the Project for more than [180] days due to reasons beyond the control of the Consultant.

Upon receipt of a notice of termination from the Consultant, Owner agrees to cooperate with Consultant for the purpose of terminating the agreement or portion thereof, by mutual consent. If Owner and Consultant cannot reach mutual agreement on the termination settlement, the Consultant may, without prejudice to any rights and remedies it may have, proceed with terminating all or parts of this Agreement based upon the Owner's breach of the contract. In the event of termination due to Owner breach, the Engineer is entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all justified reimbursable expenses incurred by the Consultant through the effective date of termination action. Owner agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

- K. Insurance – The Consultant shall obtain and maintain throughout the term of this Contract, comprehensive public liability and property damage insurance in limits of not less than \$1,000,000. The Consultant shall furnish automobile liability insurance, and proof of Workers Compensation or Employers' Liability Insurance as required by the Laws of the State of Florida, covering all persons employed by the Consultant in the performance of the duties described herein. Prior to proceeding with the services hereunder, the Consultant shall furnish an original Certificate of Insurance to the Purchasing Department evidencing the existence of such insurance coverage. The Authority shall be named as an additional insured on the liability policies.

PROFESSIONAL LIABILITY: The awarded firm(s) shall procure and maintain Professional Liability Insurance for the life of this contract/agreement, plus two years after completion. This insurance shall provide coverage against such liability resulting from this contract. The minimum limits of coverage shall be \$5,000,000 with a deductible not to exceed \$100,000. The deductible shall be the responsibility of the Consultant.

This policy must be continued or tail coverage provided for two years after completion of the project.

- L. Assignability – The Consultant shall not assign any interest in this Contract and shall not transfer any interest in this Contract without the prior written consent of the Authority.
- M. Interest of the Consultant – The Consultant covenants that he/she presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of the services under this Contract. No person having such interest shall be employed by the Consultant.
- N. Title VI Assurance – The Consultant agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision binds the Consultant and sub tier Consultants from the bid solicitation period through the completion of the contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

During the performance of this contract, the Consultant, for itself, its assignees, and successors in interest (hereinafter referred to as the "Consultant") agrees as follows:

- 1) Compliance with Regulations: The Consultant (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts And Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
- 2) Non-discrimination: The Consultant, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subconsultants, including procurements of materials and leases of equipment. The Consultant will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
- 3) Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the Consultant for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subconsultants or supplier will be notified by the Consultant of the Consultant's obligations under this contract and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.
- 4) Information and Reports: The Consultant will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts And Authorities and instructions. Where any information required of a Consultant is in the exclusive possession of another who fails or refuses to furnish the information, the Consultant will so

certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5) Sanctions for Noncompliance: In the event of a Consultant's noncompliance with the Non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:

- a) Withholding payments to the Consultant under the contract until the Consultant complies; and/or
- b) Cancelling, terminating, or suspending a contract, in whole or in part.

6) Incorporation of Provisions: The Consultant will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The Consultant will take action with respect to any subcontract or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Consultant becomes involved in, or is threatened with litigation by a subconsultants, or supplier because of such direction, the Consultant may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the Consultant may request the United States to enter into the litigation to protect the interests of the United States.

During the performance of this contract, the Consultant, for itself, its assignees, and successors in interest (hereinafter referred to as the "Consultant") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- a) Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- b) 49 CFR part 21 (Non-discrimination In Federally-Assisted Programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);
- c) The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- d) Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- e) The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- f) Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- g) The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and Consultants, whether such programs or activities are Federally funded or not);
- h) Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and

certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;

- i) The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
 - j) Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
 - k) Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
 - l) Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).
- 7.) To include the provisions of paragraph N.1 through N.6 above in every subcontract, including Contracts for the procurement of materials and leases of equipment.

- O. Disadvantaged Business Enterprises – Contract Assurance (26.13); The Consultant or subconsultants shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Consultant shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT assisted contracts. Failure by the Consultant to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate.

Prompt Payment (26.29); The prime Consultant agrees to pay each sub consultant under this prime contract for satisfactory performance of its contract no later than 10 days from the receipt of each payment the prime Consultant receives from Sarasota Manatee Airport Authority. The prime Consultant agrees further to return retainage payments to each sub consultant within 10 days after the sub consultant's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the {Name of Recipient}. This clause applies to both DBE and non-DBE subconsultants.

The requirements of 49 CFR part 26 apply to this contract. It is the policy of the Sarasota Manatee Airport Authority to practice nondiscrimination based on race, color, sex or national origin in the award or performance of this contract. The Authority encourages participation by all firms qualifying under this solicitation regardless of business size or ownership.

The DBE goal for this project is 5.00%. If changes in the scope of the project or the Consultant's services as directed by Authority affect the DBE percentages, Consultant will make a good faith effort to achieve the DBE Goal.

- P. Federal Fair Labor Standards Act - All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part time workers. The Consultant has full responsibility to monitor compliance

to the referenced statute or regulation. The Consultant must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division.

- Q. Occupational Safety and Health Act of 1970 - All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. Consultant must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The Consultant retains full responsibility to monitor its compliance and their subconsultants' compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (20 CFR Part 1910). Consultant must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.
- R. Licenses and Permits – The Consultant shall at all times maintain and comply with all licensing and permitting requirements of state and local authorities. Prior to proceeding with the services hereunder, the Consultant shall furnish a copy of its licensure and the permit to the Authority evidencing the existence of such permit.
- S. Badging Safety and Security (as applicable) - Consultant, invitees, employees, suppliers, and agents must abide by all applicable security regulations of the Authority and the Transportation Security Administration (TSA).

Any of persons who require unescorted access to any areas of the Airport where access is controlled for security reasons must make application for, and wear, Airport security badges. Those individuals must submit personal data for a Security Threat Assessment conducted by the FBI as required by Part 1542 of Federal Transportation Regulations and attend a security training session conducted by the Authority's Operations Department.

At the time the application is made, the Consultant is responsible for payment of the then current fee for fingerprinting and the fee for issuance of an initial security badge for any persons to whom this provision applies. The current fees are \$10 per badge and \$29 per threat assessment. Any badge not returned upon completion of the work contemplated by this solicitation is subject to a \$50 fee.

Any persons who will be required to drive inside secured Airport areas must attend and successfully pass an Airport approved driver training program. No vehicle shall be driven on the Airport without the driver possessing a valid State issued operator's license. No vehicle shall be driven on the Airport without proper identification (company logo or airport decal), proper safety marking (amber beacon or orange checkered flag) and proper insurance coverage. All drivers must comply with Section 3 of the Sarasota Bradenton International Airport Operating Rules & Regulations handbook.

No person who is authorized to drive inside secured Airport areas shall enter, cross or be present on any runway or taxiway pavement or safety areas without an approved airport escort. Any violation of this clause is subject to immediate suspension of the offender's airport access and a fine of up to \$10,000.

Details and form are available on the airport's website at www.srq-airport.com, then "Airport Business", then "Badging".

- T. Equal Opportunity Clause - During the performance of this contract, the Consultant agrees as follows:

1) The Consultant will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Consultant will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identify or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Consultant agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2) The Consultant will, in all solicitations or advertisements for employees placed by or on behalf of the Consultant, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.

3) The Consultant will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Consultant's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

4) The Consultant will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

5) The Consultant will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

6) In the event of the Consultant's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Consultant may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

7) The Consultant will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each sub consultant or vendor. The Consultant will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, That in the event a Consultant becomes involved in, or is threatened with, litigation with a sub consultant or vendor as a result of such direction by the administering agency the Consultant may request the United States to enter into such litigation to protect the interests of the United States.

- I. Third Parties - Nothing in this Contract, whether express or implied, is intended to confer any rights or remedies under or by reason of this Contract on any persons other than the parties to it and their respective successors and permitted assigns, nor is anything in this Contract intended to relieve or discharge the obligation or liability of any third persons to any party to this Contract, nor shall any provision give any third person any right of subrogation or action over or against any party to this Contract.
- J. Remedies; Waiver - The rights and remedies set forth herein shall be cumulative and in addition to any other remedies which may be available at law or in equity. The exercise of any remedy by either party shall not be deemed an election of remedies. No waiver of any of the provisions of this Contract shall be deemed, or shall constitute, a waiver of any other provision hereof or right hereunder (whether or not similar), nor shall such waiver constitute a continuing waiver, and no waiver shall be binding unless executed in writing by the party making the waiver.
- K. Indemnity and Hold Harmless Requirements - Consultant shall indemnify and hold harmless the Authority, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Consultant and other persons employed or utilized by the Consultant in the performance of this Contract.
- L. Ownership of Work - At the time of the completion of the work, the Consultant shall deliver to the Authority all results and proceeds of the services performed under this agreement of any nature whatsoever and in whatever form (paper documents, electronic files, or otherwise) that are created, prepared, produced, authored, edited, or modified in the course of performing the Consultant's services under this agreement, including, without limitation, all tracings, plans, specifications, maps, reports, schematics, renderings, drawings, elevations, sections, and designs (collectively, the "Works"). To the fullest extent under the law, the Consultant acknowledges and agrees that the Authority is and shall be the sole and exclusive owner of all right, title, and interest throughout the world in and to all Works, including all confidential, proprietary, intellectual property, and other rights therein. The Authority shall have the unrestricted right (but not any obligation), in its sole and absolute discretion, to use any Work, and no royalty or other consideration shall be due or owing to the Consultant or any individual or entity as a result of such activities; provided that any reuse of a Work other than for the specific purpose intended hereunder will be at Client's sole risk and without liability or legal exposure to the Consultant or its subcontractors. Without limiting the generality of the foregoing, the Consultant specifically agrees that, to the extent permitted by law, each Work consisting of copyrightable subject matter is "work made for hire" as defined in the Copyright Act of 1976 (17 U.S.C. § 101), and such copyrights are therefore owned by the Authority. In the event that, for any reason, all or any portion of any of the Works is not found to be owned by the Authority or otherwise does not constitute, or fails to be, a "work made for hire," the Consultant hereby irrevocably assigns to the Authority, without additional consideration, all right, title, and interest the Consultant may have or acquire in and to such Works throughout the world, including all intellectual property rights therein (including, for the avoidance of doubt, the right to sue, counterclaim, and recover for all past, present, and future infringement, misappropriation, or dilution thereof, and all rights corresponding to the foregoing throughout the world). To the extent any copyrights are assigned under this Section, the Consultant hereby irrevocably waives, to the extent permitted by applicable law, any and all claims it may now or hereafter have in any jurisdiction to all rights of paternity or attribution, integrity, disclosure, and withdrawal and any other rights that may be known as "moral rights" or *droit moral* in relation to all works of authorship to which the assigned copyrights apply. The Consultant will require each of its employees and contractors to

execute written agreements containing obligations consistent with the provisions of this Section prior to such employee or contractor providing any services under this agreement. Nothing contained in this Agreement shall be construed to reduce or limit the Authority's right, title, or interest in any Work or any rights therein so as to be less in any respect than the Authority would have had in the absence of this Agreement.

- M. Further Assurances – Each of the parties hereto shall, from time to time at the request of the other party, furnish to the other party such further information or assurances; execute and deliver such additional documents, instruments, and conveyances; and take such other actions and do such other things, in each case as may be reasonably necessary or desirable to carry out the provisions of this agreement and give effect to the transactions contemplated hereby. This provision will survive termination of this agreement.

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IN WITNESS WHEREOF, this contract for Engineering Services has been executed in duplicate, by the respective parties hereto. A facsimile or electronic (including "pdf") copy of this Contract, and any amendments thereto, and any signatures thereon, shall be considered for all purposes as an original. Alternatively, such documents may be executed by electronic signatures, as determined by Florida's Electronic Signature Act and other applicable laws.

Warranty of Authority: Each person signing this Contract warrants that he or she is duly authorized to do so and to bind the respective party.

AUTHORITY:

SARASOTA MANATEE AIRPORT AUTHORITY

BY: 

Printed Name:

Title: Chairman

OR

Title: President, CEO Fredrick J. Piccolo, A.A.E.

CONSULTANT:

AVCON, Inc.

BY: 

Printed Name: Sandeep Singh, P.E.

Title: President

WITNESSES as to Authority:

1. 

2. 

WITNESSES as to Consultant:

1. 

2. 



AVCON, INC.
Engineers & Planners

5110 Sunforest Drive, Suite 140
Tampa, Florida 33634
Phone: (813) 321-5588
Fax: (407) 599-1133
www.avconinc.com

April 9, 2021

Mr. Kent Bontrager, C.M., P.E.
Senior Vice President, Planning, Engineering & Facilities
Sarasota Manatee Airport Authority
6000 Airport Circle
Sarasota, FL 34243-2105

**Reference: Professional Services for Ground Transportation Project
Sarasota Bradenton International Airport
Proposal Submittal**

Dear Mr. Bontrager:

Please find enclosed a copy of the revised Scope and Fee Proposal for the above referenced project based on our negotiations meeting.

The fee proposal includes all the individual proposals from the subconsultants for your reference. Thank you again for the opportunity to work with the Authority, we look forward to final approval and starting the work.

Sincerely,

AVCON, INC.

A handwritten signature in black ink that reads "RV Baldocchi". The signature is written in a cursive, slightly slanted style.

Rick V. Baldocchi, P.E.
Vice President

CC: Craig Sucich



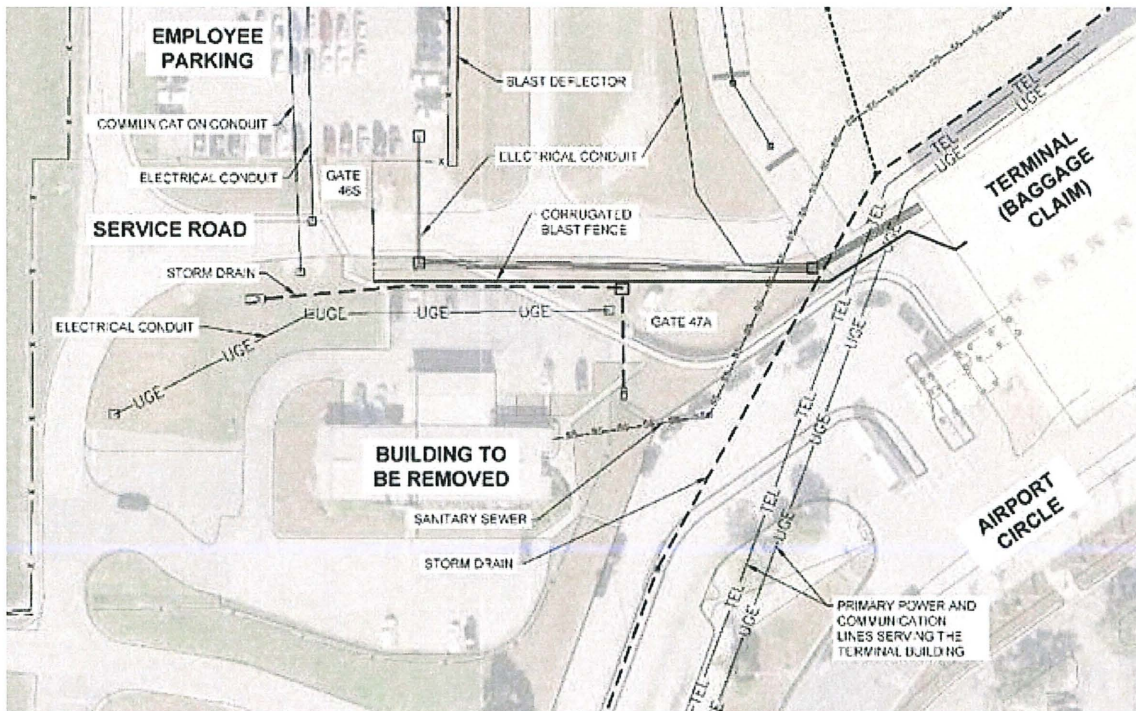
**SARASOTA-BRADENTON INTERNATIONAL AIRPORT
GROUND TRANSPORTATION CENTER
PROFESSIONAL ENGINEERING – SCOPE OF SERVICES
FEBRUARY 25, 2021**

The project intends to reconfigure the ground transportation area currently located on the west side of the Terminal Building. The area provides staging and pick-up for limousines, taxis, airport shuttles, Transportation Network Companies (TNCs) such as Uber and Lyft, and public transportation vehicles (buses). The current area has limited space and can be expanded due to the proposed demolition of the Dan P. McClure Auditorium immediately to the west.

The previous uses of the Auditorium have been relocated to other facilities allowing this building to be abandoned to provide for the expansion of the Ground Transportation Center. The additional land gives the Authority the ability to expand the staging and pick-up areas, improve the efficiency of the operations, and accommodate more transportation-related vehicles on property without conflicting with other airport operations.

The project will include a Program Verification Phase that will evaluate additional concepts. Concepts will include options that utilize the originally defined project area.

The project area is shown below.





TEAM COMPOSITION

AVCON's professional design services for the project will include technical services as necessary to program, plan and design the Ground Transportation Center. The **AVCON Team** consists of the following consultants:

AVCON

Project Management: Administration, Invoicing, Scheduling, Subconsultant Coordination
Final Civil Design: Demolition Plans, Pavement Design, Drainage Design, Site Planning and Design, Grading and Drainage Plan, Signage and Pavement Markings
Final ITS Control Design
Site Lighting and Site Power
Building MEP and Structural
Canopy Structural
Canopy Lighting
Final Wayfinding Sign Design Outside of Terminal

TranSystems

- Programming for all the various modes of transportation
- Revise Concept Plan, if needed, based on Program Verification
- Programming of ITS/Vehicle ID System
- 30% Design ITS Control
- Architectural Design of the Driver's Lounge and Canopies

Bell Engineering

- DRC Coordination
- Permitting Assistance
- Utility Coordination
- Water and Sewer Design to Driver's Lounge
- FDEP Permitting if required

EGS

- Coordination for stormwater discharge
- Stormwater Permitting – Sarasota County and SWFWMD

Tierra

- Soil Borings and Geotechnical Report for the following
 - a. Driver's Lounge 1 story building
 - b. Canopies
 - c. Pavement Design – heavy duty and light duty
- Asbestos and Lead Surveys for
 - a. McClure Auditorium being demolished
 - b. Existing Canopy adjacent to the building

Landesco

- Landscape and Irrigation Design

Hyatt Survey

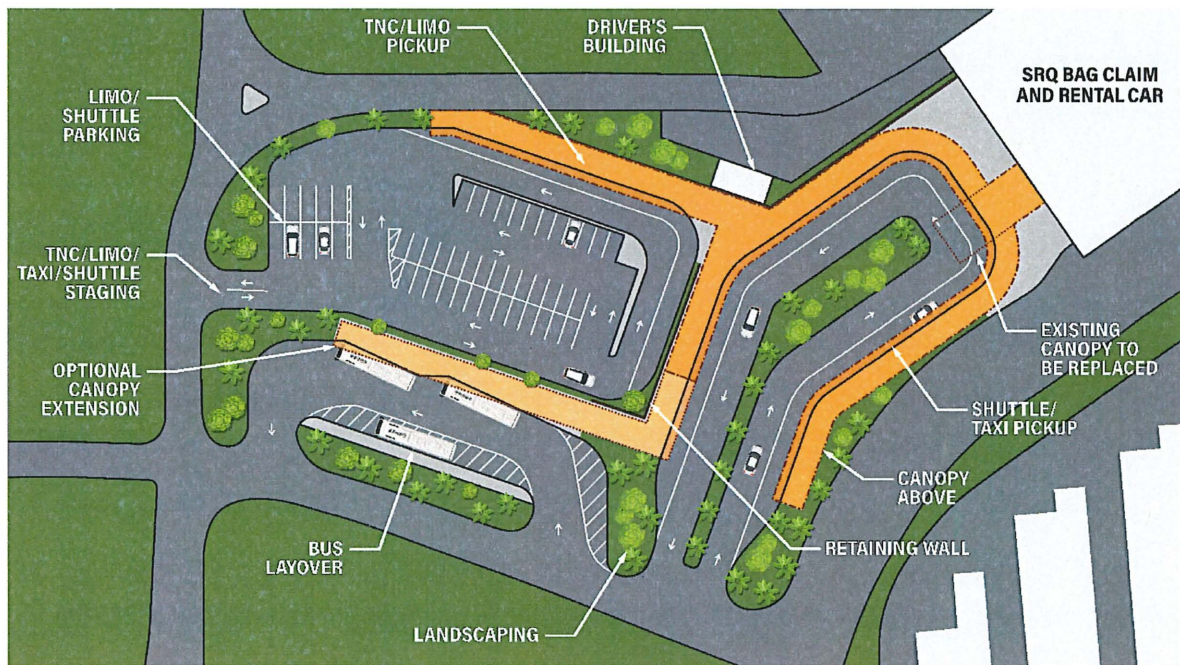
- Topographic Survey (3D)
 - a. Identify any easements

- Subsurface Exploration
 - a. All known utilities
 - b. Trace what is visible

Apple Designs

- Wayfinding Signage for Vehicles and Passengers – Concept for all signs (inside and outside) and Final Design of Signs Inside the Terminal.

This scope of services is based on the concept plan shown below:



SUMMARY OF SERVICES

1.0 PROGRAM VERIFICATION

1.1 Transportation Programming: Will include the programming for all the various modes of transportation that will be served by the Ground Transportation Center. Airport Staff will provide design counts for TNCs and taxis. The **AVCON** Team will perform specific field counts for Limos and Shuttles and obtain bus schedules from the public agencies. Based on count information, we will develop a program determining the number of spaces and curb length required for all vehicle types in the Ground Transportation Center. A Program Verification Report draft will be issued to the Airport Authority and comments from the review will be incorporated into final report

1.2 Site Planning: Evaluate the previously proposed concepts based on the program requirements. Based on the scoping meeting, we will also look at combining the bus exit with the TNC entrance and making the west lot open for TNC only. Two

additional site plans will be developed within the original project limits. Driver lounge location will be re-visited, and recommendations will be provided to locate the facility away from the general public.

1.3 ITS/ Vehicle ID Control System

Evaluate the use of the existing system vs. a proposed new system. Recommend alternative systems and determine costs of each approach. Coordinate desired operations for ITS/Vehicle ID system with Airport. Identify locations of Proposed equipment, mounting requirements and infrastructure.

1.4 Driver's Lounge Programming

Based on the programmed number of vehicles, determine an occupancy load for the proposed building. Perform a space requirements analysis to determine the size of the driver's lounge and the required facilities.

Provide two alternative floor plans for consideration along with architectural elevations for consideration. Architectural style will mimic the Terminal Building and draft elevations will be provided as part of the Program Verification Phase

1.5 MEP Concepts

- A. HVAC: Review architectural design concepts and provide preliminary mechanical equipment types and schematic unit sizing. HVAC equipment shall be high efficiency packaged equipment in accordance with the latest code edition and located for service accessibility. It is anticipated that heat pump equipment shall be provided for the moderate heating climate with auxiliary electric heating elements. System controls shall be tied into the airport BAS system, as necessary. Restrooms, locker rooms, and janitor closets shall be exhausted in accordance with code. Building insulation and glazing requirements shall be coordinated with the Architect and Energy Code Calculations shall be performed for permit submission in a later phase. Large volume industrial ceiling fans (BAF) can be considered for exterior driver and passenger waiting areas.
- B. Plumbing: Design shall be provided based on the architectural conceptual plans. Points of connection for utilities shall be coordinated with the site civil team. Plumbing design shall include domestic hot and cold water, sanitary waste and vent, and storm drainage. Domestic water shall be extended to all plumbing fixtures shown on the architectural plans and to hose bibb locations at exterior of building around the perimeter. Electrical hot water heater(s) shall be provided to supply hot water to lavatories, sinks, janitor mop sinks, and other fixtures as required. A hot water recirculation loop will be provided if the maximum length from the water heater exceeds 30 feet. Tempered water shall be provided to all fixtures requiring hot water. Plumbing fixture selections and product data sheets shall be provided for approval by the airport. Fixtures shall be selected for durability in this environment, vitreous china and stainless fixtures are options. Touchless valves shall be proposed for personal hygiene.

- C. Electrical: Site electrical distribution shall be designed to serve the Driver's Lounge Building, Site Lighting, and the Canopy Lighting. Utility services shall be coordinated with the local providers and available power sources will be considered.

Electrical design for the Driver's Lounge will include power distribution, lighting and control system, voice and data, and video surveillance and access control. The security systems will be extended from the airport networks for remote monitoring from the EOC.

Site Lighting shall be provided for the Limo/Shuttle Lot, Bus Staging and Layover, and pedestrian walkways. Illumination foot candles levels for parking areas shall be confirmed as well as maximum light pole heights for photometric calculation inputs. Illumination levels shall also consider uniformity and max/min ratios. Photometrics shall be in accordance with the local (Manatee County Exterior Lighting) standards. Site lighting fixtures types shall be coordinated with the airport and the Architect to ensure the appearance is consistent with the airport's character. Fixture selection shall include concealed source, source shall be horizontal to the ground, and minimal to no light spillage. Fixtures shall be controlled by means of photocell or as directed by the airport. Fixtures shall have LED lamps/drivers.

Canopy Lighting shall be provided for the new covered passenger waiting areas at the GTC. Illumination levels shall be determined for photometric calculations and fixture options shall be presented to the airport for approval. Fixtures shall be selected to enhance the canopy design. Lighting fixture mounting shall be coordinated with the Architect and Structural Designer. The canopy lighting shall be controlled by a photocell system or as directed by the airport. The fixtures may be selected with motion detectors to increase light output when passengers are present.

1.6 Canopy Architectural Concepts

This phase will include providing three architectural concepts for the canopy structures to match the recommended site plan. Concepts will include architectural elevations and cross sections.

1.7 Wayfinding Signage Concepts

GTC Building Interior: Provide design concepts to address the signage requirements as dictated by necessary architectural and messaging considerations. Typical deliverable will include:

- A. Wayfinding and Signage Narrative
- B. Sign Layout Concepts
- C. Signage Design Concepts
- D. Fabrication and Materials Notes



GTC Building Exterior: Provide design concepts to address the signage requirements as dictated by necessary architectural and messaging considerations. Typical deliverable will include:

- A. Wayfinding and Signage Narrative
- B. Sign Layout Concepts
- C. Signage Design Concepts
- D. Fabrication and Materials Notes

1.8 Surveying

- A. Perform a 3D topographic survey of the project site area. Include all above ground features including trees greater than 4", utility appurtenances signage, site lighting and any other physical features.
- B. Perform Subsurface Utility Exploration to locate existing utilities on site both horizontally and vertically. Test Holes shall be performed at least twice on each utility identified to verify depth and at enough locations to confirm horizontal alignments.

1.9 Geotechnical Engineering

- A. Mobilize personnel and equipment to the site. Coordinate utility clearances through Sunshine One Call and the airport.
- B. Perform a subsurface exploration program consisting of the following:
 - 1. Lounge Building – Perform one (1) Standard Penetration Test (SPT) boring within the proposed Lounge building footprint to a depth of 25 feet below grade.
 - 2. Canopy Structures – Perform SPT borings within selected canopy foundation locations. Tierra anticipates performing borings on approximately 100-foot intervals along the canopy footprint to depths of 15 feet below grade.
 - 3. Pavement Design– The **AVCON** Team will perform pavement cores in the existing pavement to determine the current pavement sections (thicknesses and type).
- C. Measure and record groundwater levels following completion of each boring.
- D. Grout and/or backfill all borings to the surface and thoroughly clean work areas of loose debris, soils, mud, etc. Following pavement cores, asphalt patch will be placed from the bottom of the existing base course to the pavement surface.
- E. Visually classify the samples in accordance with the Unified Soil Classification System (USCS) soil classification system.



- F. Conduct laboratory testing on select soil samples to confirm the visual classification and estimate engineering properties.
- G. Prepare a geotechnical report signed and sealed by a professional geotechnical engineer that summarizes the course of study pursued, the field data generated, laboratory test results, subsurface conditions encountered and our engineering recommendations in accordance with the scope of services presented herein.

1.10 Landscaping Plant Material Selection

The Authority will provide a palette of landscaping plant materials to be incorporated into the project. The Team will provide the selected materials that will be utilized through the rest of the design process.

1.11 Asbestos and Lead Surveys

Work to include a National Emissions Standard for Hazardous Air Pollutants (NESHAP) Asbestos Survey and screening for Lead-Based Paint have prior to the demolition of two structures: 1) the McClure Auditorium building, and 2) the canopy adjacent to the building.

Asbestos Scope of Services

An on-site survey of exposed and accessible building materials within the proposed work areas will be conducted by an EPA AHERA accredited asbestos building inspector. The inspector will list suspect Asbestos Containing Materials (ACMs) and give a detailed description of their locations. If provided, Tierra will review past reports, specifications, drawings, and other documents provided by the Client that would assist in identifying the suspect materials for this project. Samples will be collected according to EPA guidelines, which dictate the number and location of samples to be collected. Tierra will attempt to sample damaged areas and areas that are least visible. The following is a listing of the typical suspect ACMs that may be sampled:

Surfacing	Thermal System Insulation (TSI)	Miscellaneous	Roofing Materials
Fireproofing	Pipe Insulation	Ceiling Tiles	Felt
Acoustical Plaster	Boiler/tank Insulation	Acoustic Tiles	Shingles/Roll
Hardwall Plaster	Breeching Insulation	Blown-in Insulation	Fiberboard
Stucco	Ductwork Insulation	Floor Tile/Mastic	Tar paper
Cementitious Panels	Foil Mastic	Linoleum	Mastic/tar/pitch
Textured Coatings	Duct Mastic	Gypsum wallboard	Soil stacks
Concrete	Attic/Wall Insulation (vermiculite, mineral wool, etc.)	Cement Pipes	Flashing



All building material samples will be analyzed using Polarized Light Microscopy (PLM) according to current EPA regulations. If sampled materials are identified to contain less than 10% asbestos the point count method as specified by EPA NESHAP regulations can be performed at the Client's request.

The inspector will list the type of materials identified and determine the quantity of each material. Some areas may be inaccessible and not all materials can be fully quantified. For those areas, the inspector will report only the quantity observed and note that there is the possibility that additional materials are located in inaccessible areas.

EPA guidelines require that the condition of the suspect materials observed be noted. The material assessment will involve touching the materials to determine whether the material is friable and assessing the material in accordance with EPA guidelines.

Roofing

Roofing materials will be sampled as a part of this project. Roof sampling typically voids a roof warranty. While Tierra is not a qualified roofing contractor, a temporary patch (roofing patch/tape or similar) can be placed over the sample location(s). Tierra recommends roof patchwork, if required, be conducted by qualified personnel. For roofs above 14 feet height, if a hatch/ladder are not present, the client will provide access (ladder, lift, etc.) to the roof if testing is required prior to demolition.

No sampling will be conducted in areas deemed a confined space, or on electrical wiring/components while energized. These will require specialized safety precautions. Tierra will attempt to collect samples from adjacent similar materials. Electrical wiring/components may be assumed ACMs until testing proves otherwise after the equipment has been de-energized with proper safety procedures in place.

A written report will be submitted which includes findings and recommendations. Field sketches (no drafting) showing the sample locations will be provided.

Lead-Based Paint Testing Scope of Services

Under EPA regulations lead-impacted (and other metals) waste generated during demolition and abatement activities is handled as a solid waste or a hazardous waste, depending on the amount and form of the lead. Tierra will obtain representative paint chip samples for analyses of total concentration for lead. The samples will be submitted to a NELAC certified laboratory for total concentrations for lead using EPA Test Method 6010. The following is a partial list of the typical suspect lead-based paint materials that may be sampled: metal canopies, support beams, security bars, pipes, pumps, bollards, handrails, metal girders/frames, fasteners, floors, walls, siding, etc. A written report will be submitted which includes findings and recommendations. Field sketches (no drafting) showing the sample locations will be provided.



1.12 Meetings

Kick-off Meeting: AVCON Staff in Person – Subs as needed Virtual
Two Progress Meeting: Virtual
Report Presentation: AVCON Staff in Person – Subs as needed Virtual

1.13 Cost Estimating

Alternative Cost Estimates will be provided for each alternative considered through the verification process and a final Cost Estimate will be provided for the recommended concepts.

This Phase will be documented with a Program Verification Report outlining the final recommendations that were approved by the Authority. If the approved site plan includes expanding the project area, scope modifications may be required. This Program Verification Report will serve as the basis of the design moving forward.

Deliverables:

- Program Verification Report

2.0 SCHEMATIC DESIGN PHASE (30% SUBMITTAL)

Based on the results of the Program Verification Report the Design Documents will begin to be developed. Specific Elements of the 30% Plans are noted below:

2.1 Civil/Site Drawings

- Existing Conditions / Survey
- Demolition Plan
- Preliminary Site Plan
- Preliminary Grading and Drainage Plan
- Preliminary Utility Plan
- Preliminary Signing and Marking Plan (including exterior wayfinding signs)
- Site Lighting / Photometrics

2.2 Vehicle Tracking / ITS Plans

- Technology Plans

2.3 Driver's Lounge Plans

- Architectural Floor Plan
- Architectural Roof Plan
- Architectural Elevations
- Structural Foundation Plan
- Structural Floor Plan
- Structural Roof Plan
- Preliminary HVAC Plan
- Preliminary Plumbing Plan
- Preliminary Electrical Plan
- MEP Narrative of Systems



2.4 Canopy Drawings

- A. Architectural Plan
- B. Architectural Elevations
- C. Structural Foundation Plan
- D. Structural Elevations
- E. Preliminary Lighting Photometrics

2.5 Wayfinding Signs

- A. Building Interior
 - 1. Sign Location Plan
 - 2. Typical Sign Layout
 - 3. Installation Notes
 - 4. Fabrication and Material Notes

2.6 Landscape Plans

- A. Conceptual Landscape Plans
- B. Material Plan List and Notes

2.7 Permitting

- A. Schedule and attend one Pre-Application conference with the Sarasota County Development Review Committee (DRC) for purposes of confirmation of the feasibility of the proposed improvements and to obtain staff input and comments.
- B. Schedule and attend one Pre-Application Meeting with the Southwest Florida Water Management District
- C. Schedule and attend a Pre-Application meeting with Sarasota County for stormwater discharge permit.

2.8 Cost Estimate

- A. 30% Opinion of Probable Construction Cost

2.9 Preliminary Technical Specifications (List and Outline)

2.10 Preliminary Calculations

- A. Structural Calculations
- B. Energy Calculations
- C. Stormwater Calculations

2.11 Meetings

- A. Design Coordination Meetings – two meetings – AVCON In Person. Subs Virtual, if required.
- B. Design Review Meeting – one meeting– AVCON In Person. Subs Virtual, if required.
- C. Pre-Application Meeting with Sarasota County – In Person or in accordance with the Agency guidelines
- D. Pre-Application Meeting with Southwest Florida Water Management District – In Person or in accordance with the Agency guidelines



Deliverables:

- 30% Design Plans
- List of Specifications
- Preliminary Calculations
- Preliminary Opinion of Probable Costs

3.0 DESIGN DEVELOPMENT PHASE (60% SUBMITTAL)

3.1 Civil/Site Drawings

- A. Existing Conditions / Survey
- B. Demolition Plan
- C. Site Plan
- D. Geometry Plan
- E. Grading and Drainage Plan
- F. Utility Plans
 - 1. Existing Utility Treatment
 - 2. Water and Sewer Service to Driver's Lounge
- G. Signing and Marking Plan (including exterior wayfinding signs)
- H. Sign Graphics and Color Details
- I. Site Lighting Plans / Photometrics
- J. Civil Details
- K. Site Lighting Details
- L. Construction Stormwater Pollution Plan

3.2 Vehicle Tracking / ITS Plans

- A. Technology Plans
- B. Technology Details

3.3 Driver's Lounge Plans

- A. Architectural Floor Plan
- B. Architectural Roof Plan
- C. Architectural Elevations
- D. Architectural Sections and Details
- E. Structural Foundation Plan
- F. Structural Floor Plan
- G. Structural Roof Plan
- H. Structural Details
- I. Beam / Column Schedules
- J. HVAC Plans
- K. HVAC Schedules
- L. HVAC Details
- M. Plumbing Plans
- N. Plumbing Schedules
- O. Plumbing Details
- P. Plumbing Isometrics
- Q. Electrical Plans
- R. Lighting Plans
- S. Electrical Schedules
- T. Electrical Details
- U. Technology Plans
- V. Technology Details

3.4 Canopy Drawings

- A. Architectural Plan
- B. Architectural Elevations
- C. Architectural Details
- D. Structural Foundation Plan
- E. Structural Elevations
- F. Structural Details
- G. Lighting Photometrics
- H. Lighting Details and Mounting Details.

3.5 Wayfinding Signs

- A. Building Interior
 - 1. Sign Location Plan
 - 2. Typical Sign Layout
 - 3. Installation Notes
 - 4. Fabrication and Material Notes

3.6 Landscape Plans

- A. Landscape Plans
- B. Material Plan List and Notes

3.7 Permitting

- A. Finalize the DRC approval process with Sarasota County
- B. Schedule and attend a meeting with all Utility Providers

3.8 Cost Estimate (not required at 60%)

3.9 Technical Specifications

- A. Civil/Roadway Specifications
- B. Architectural Specifications
- C. Structural Specifications
- D. Mechanical Specifications
- E. Plumbing Specifications
- F. ITS Specifications
- G. Electrical Specifications
- H. Signage Specifications

3.10 Calculations

- A. Structural Calculations
- B. HVAC Load Calculations
- C. Energy Code Calculations
- D. Plumbing Calculations
- E. Electrical Calculations
- F. Stormwater Calculations



3.11 Meetings

- A. Design Coordination Meetings – two meetings – AVCON in person. Subs Virtual, if required.
- B. Design Review Meeting – one meeting– AVCON In Person. Subs Virtual, if required.
- C. Meeting with Utility Providers – In person or in accordance with the agency guidelines

Deliverables:

- 60% Design Plans
- Technical Specifications
- Final Calculations

4.0 100% CONSTRUCTION DOCUMENTS PHASE

Provide Final Bid and Construction Documents, including design drawings, and associated details sufficient for bidding and construction.

4.1 Civil/Site Drawings

- A. Existing Conditions / Survey
- B. Demolition Plan
- C. Site Plan
- D. Geometry Plan
- E. Grading and Drainage Plan
- F. Utility Plans
 - 1. Existing Utility Treatment
 - 2. Water and Sewer Service to Driver's Lounge
- G. Signing and Marking Plan (including exterior wayfinding signs)
- H. Sign Graphics and Color Details
- I. Site Lighting Plans / Photometrics
- J. Civil Details
- K. Site Lighting Details
- L. Construction Stormwater Pollution Plan

4.2 Vehicle Tracking / ITS Plans

- A. Technology Plans
- B. Technology Details

4.3 Driver's Lounge Plans

- A. Architectural Floor Plan
- B. Architectural Roof Plan
- C. Architectural Elevations
- D. Architectural Sections and Details
- E. Structural Foundation Plan
- F. Structural Floor Plan
- G. Structural Roof Plan
- H. Structural Details
- I. Beam / Column Schedules
- J. HVAC Plans
- K. HVAC Schedules
- L. HVAC Details

- M. Plumbing Plans
- N. Plumbing Schedules
- O. Plumbing Details
- P. Plumbing Isometrics
- Q. Electrical Plans
- R. Lighting Plans
- S. Electrical Schedules
- T. Electrical Details
- U. Technology Plans
- V. Technology Details

1.2 Canopy Drawings

- A. Architectural Plan
- B. Architectural Elevations
- C. Architectural Details
- D. Structural Foundation Plan
- E. Structural Elevations
- F. Structural Details
- G. Lighting Fixture Schedule
- H. Lighting Photometrics
- I. Lighting Details and Mounting Details

1.3 Wayfinding Signs

- A. Building Interior
 - 1. Sign Location Plan
 - 2. Typical Sign Layout
 - 3. Installation Notes
 - 4. Fabrication and Material Notes

1.4 Landscape Plans

- A. Landscape Plans
- B. Material Plan List and Notes

1.5 Cost Estimate

- A. 100% Opinion of Probable Construction Cost

1.6 Permitting

- A. Prepare, submit, and coordinate the permit application submittal for the site civil improvements to Sarasota County for Concurrent S&D/Construction Plan Review and approval.
- B. Track the review process and respond to County comments. We will respond to the requests for additional information as necessary during the review process and provide the County with additional information.
- C. Submit an application for an ERP Permit to the Southwest Florida Water Management District. Respond to comments as necessary to obtain the permit.



1.7 Technical Specifications

- A. Civil/Roadway Specifications
- B. Architectural Specifications
- C. Structural Specifications
- D. Mechanical Specifications
- E. Plumbing Specifications
- F. Technology Specifications
- G. Electrical Specifications
- H. Signage Specifications

1.8 Front End Specifications

- A. Division 00 Specifications shall be provided by SRQ, edited by AVCON, and approved by the Airport.

1.9 Calculations

- A. Structural Calculations
- B. Energy Calculations
- C. Stormwater Calculations

1.10 Meetings

- A. Design Coordination Meetings – two meetings – AVCON In Person. Subs Virtual
- B. Design Review Meeting – one meeting– AVCON In Person. Subs Virtual

2.0 BIDDING PHASE SERVICES

- 2.1 Incorporate final Airport comments from 100% Construction Documents into Bid Documents.
- 2.2 Provide assistance to the Airport for any revisions required during Bidding Phase to be published with Addendum documents.
- 2.3 AVCON staff will work closely with the Airport to host the Pre-Bid Conference and provide potential bidders with a tour of the facilities as it relates to the project.
- 2.4 Answer all potential Bidder questions during Bidding.
- 2.5 Provide a Bid Evaluation, Bid Tabulation and Recommendation to Award Letter.

DELIVERABLE SUMMARY

I. Program Verification

- 2 - Program Verification Reports
- PDF of Report

II. 30% Submittal:

- 2 – Half-size submittal drawing sets (17x11)
- 1 – Set of 30% specifications (8.5x11)
- 1 – Copy of 30% project cost opinion (8.5x11)
- PDF of all deliverables



III. 60% Submittal:

- 2 – Half-size submittal drawing sets (17x11)
- 1 – Set of 60% specifications (8.5x11)
- PDF of all deliverables

IV. 100% Submittal:

- 2 – Full-size submittal drawing sets (34x22)
- 1 – Set of 100% specifications (8.5x11)
- 1 – Copy of 100% project cost opinion
- 1 – CD with plans, specifications, and project cost opinion in electronic format
- PDF of all deliverables

V. Bid Documents Submittal:

- 2 – Full-size submittal drawing sets (34x22)
- 1 – Set of final specifications (8.5x11)
- 1 – CD with plans, specifications, in electronic format, and project AUTOCADD files in state plane coordinates
- PDF of all deliverables

VI. Bidding Phase:

- Addendums as needed
- Addendum revision narrative
- Responses to Contractor Questions
- Pre-Bid Conference Minutes
- List of revisions to Contract Documents resulting from Bidding Phase
- Bid Tabulation and Recommendation to Award

ADDITIONAL SERVICES – The following services are not included in **AVCON** scope of work for the project, unless otherwise indicated:

1. Review and permit fees.
2. Permits above those identified in this scope.
3. Additional systems not specifically included in this scope of services.

PRELIMINARY SCHEDULE (Duration)

Program Verification	12 weeks	Owner Review	1 week
Preliminary Design Phase (30%)	12 weeks	Owner Review	1 week
Design Development Phase (60%):	16 weeks	Owner Review	1 week
Construction Document Phase (100%):	12 weeks	Owner Review	1 week
Finalize Bidding Documents	1 week		
Bidding Phase Services	4 weeks		



AVCON, INC.

ENGINEERS & PLANNERS

5555 E. Michigan St., Suite 200

Orlando, Florida 32822

Phone: (407) 599-1122

Fax: (407) 599-1133

www.avconinc.com

SRQ Ground Transportation Center
Sarasota Manatee Airport Authority

Preliminary Cost Estimate - March 2021

Pay Item	Description	Unit	Quantity	Unit Price	Total
101-1	MOBILIZATION	LS	1	10%	\$450,000.00
102-1	MAINTENANCE OF TRAFFIC	LS	1	10%	\$450,000.00
104-14	PREVENTION, CONTROL & ABATEMENT OF EROSION & WATER POLLUTION	LS	1	\$0.00	\$0.00
110-1-9	BUILDING DEMOLITION	SF	7,000	\$20.00	\$140,000.00
110-1-1	CLEARING & GRUBBING (INCLUDES PAVEMENT DEMOLITION)	AC	5	\$20,000.00	\$100,000.00
120-9	EMBANKMENT, EXCAVATION & GRADING	CY	20,000	\$5.00	\$100,000.00
160-4	TYPE B STABILIZATION (12")	SY	12,000	\$10.00	\$120,000.00
285-7	OPTIONAL BASE (10")	SY	12,000	\$45.00	\$540,000.00
334-1	SUPERPAVE ASPH CONC (4")	TN	2,500	\$130.00	\$325,000.00
400-011	MODULAR BLOCK ARCHITECTURAL BLOCK WALLS	SF	1,500	\$40.00	\$60,000.00
430-X	STORMWATER SYSTEM	LS	1	\$100,000.00	\$100,000.00
520-1-7	CONCRETE CURB AND GUTTER, TYPE E	LF	1,500	\$30.00	\$45,000.00
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	4,000	\$30.00	\$120,000.00
522-1	CONCRETE SIDEWALK, 4"	SY	2,500	\$50.00	\$125,000.00
500	LANDSCAPING AND AMENITIES	LS	1	\$100,000.00	\$100,000.00
700	SIGNING AND MARKING INTERIOR AND EXTERIOR	LS	1	\$150,000.00	\$150,000.00
899	ASBESTOS/LEAD ABATEMENT	LS	1	\$75,000.00	\$75,000.00
999-1	SITE ELECTRICAL SERVICES	LS	1	\$60,000.00	\$60,000.00
999-2	SITE UTILITIES (WATER AND SEWER)	LS	1	\$60,000.00	\$60,000.00
999-3	TECHNOLOGY UPGRADES AND VEHICLE IDENTIFICATION	LS	1	\$200,000.00	\$200,000.00
999-4	CANOPY STRUCTURES	SF	18,000	\$110.00	\$1,980,000.00
999-5	DRIVER'S LOUNGE BUILDING	SF	1,500	\$300.00	\$450,000.00
1000-1	UPCHARGE FOR PHASING (RE-MOBILIZATION)	LS	1	\$100,000.00	\$100,000.00
SUB-TOTAL					\$5,850,000.00
Contingency 15%					\$877,500.00
TOTAL					\$6,727,500.00

- Notes:
1. Estimate based on FDOT Historical Costs and Engineering Judgment.
 2. 15% contingency provided due to design being at conceptual phase

DESIGNER'S COMPENSATION - GROUND TRANSPORTATION CENTER
SUMMARY of EXPENSES
ENGINEERING AND BIDDING PHASE SERVICES
April 16, 2021



FIRM	PROJECT FEES	
	MANHOURS	COST
AVCON , Inc.		
Labor Fee	2770	\$345,689.00
Reimbursables		\$2,500.00
Total Fee		\$348,189.00
Transystems		
Labor Fee	871	\$148,756.00
Reimbursables		\$2,097.50
Total Fee		\$150,853.50
Bell Engineering		
Labor Fee	120	\$18,000.00
Reimbursables		\$0.00
Total Fee		\$18,000.00
Landesco		
Labor Fee	80	\$8,500.00
Reimbursables		
Total Fee		\$8,500.00
EG Solutions		
Labor Fee - Lump Sum	151	\$29,425.00
Labor Fee - Not to Exceed	154	\$0.00
Reimbursables		\$0.00
Total Fee		\$29,425.00
Apple Design		
Labor Fee	268	\$25,529.78
Reimbursables		
Total Fee		\$25,529.78
Tierra		
Labor Fee	125	\$24,076.04
Reimbursables		
Total Fee		\$24,076.04
Hyatt Surveying		
Labor Fee	184.76	\$22,870.96
Reimbursables		
Total Fee		\$22,870.96
TOTAL FEE AMOUNT	4724	\$627,444.28

AVCON, INC.

SARASOTA BRADENTON INTERNATIONAL AIRPORT
GROUND TRANSPORTATION CENTER

BREAKDOWN OF FEE



AVCON	Position	Principal		Project Manager		Senior Engineer		Project Engineer		Sr. CAD Technician		Clerical		Total		Avg. Hourly Rate	
		Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost		
1.0 Program Verification																	
1.1 Transportation Programming (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.2 Site Planning and Management	16	\$ 3,520.00	40	\$ 7,000.00	60	\$ 8,100.00	60	\$ 6,600.00	60	\$ 6,000.00	60	\$ 6,000.00	236	\$ 31,220.00	\$ 132.29		
1.3 ITS / Vehicle ID Control System (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.4 Driver's Lounge Programming (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.5 MEP Program Verification	2	\$ 440.00	2	\$ 350.00	6	\$ 810.00	12	\$ 1,320.00	16	\$ 1,600.00	6	\$ 360.00	44	\$ 4,660.00	\$ 110.91		
1.6 Canopy Architectural (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.7 Wayfinding Signage (See Apple)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.8 Surveying (See Hydr)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.9 Geotechnical Engineering (See Tierra)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.10 Landscaping Plant Material Selection (See Landesco)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.11 Asbestos and Lead Survey (See Tierra)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1.12 Meetings (4)	1	\$ 220.00	24	\$ 4,200.00	24	\$ 3,240.00		\$ -		\$ -		\$ -	48	\$ 7,440.00	\$ 155.00		
1.13 Cost Estimating	2	\$ 350.00	4	\$ 540.00		\$ -		\$ -	12	\$ 1,200.00		\$ -	19	\$ 2,310.00	\$ 121.58		
Sub-Total Program Verification	19	\$ 4,160.00	68	\$ 11,900.00	94	\$ 12,690.00	72	\$ 7,920.00	88	\$ 8,800.00	6	\$ 360.00	347	\$ 45,650.00	\$ 132.13		
2.0 Schematic Design (30%)																	
2.1 Civil/Site Drawings																	
A. Existing Conditions / Survey	1	\$ 220.00	2	\$ 350.00	4	\$ 540.00	4	\$ 440.00		\$ -		\$ -	11	\$ 1,550.00	\$ 140.91		
B. Demolition Plan	1	\$ 220.00	4	\$ 700.00	16	\$ 2,160.00	16	\$ 1,760.00		\$ -		\$ -	37	\$ 4,940.00	\$ 133.51		
C. Preliminary Site Plan	2	\$ 440.00	4	\$ 700.00	16	\$ 2,160.00	24	\$ 2,640.00		\$ -		\$ -	46	\$ 5,940.00	\$ 129.13		
D. Preliminary Grading and Drainage Plan	2	\$ 440.00	4	\$ 700.00	16	\$ 2,160.00	24	\$ 2,640.00		\$ -		\$ -	46	\$ 5,940.00	\$ 129.13		
E. Preliminary Utility Plan (See Ball)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
F. Preliminary Signing and Marking Plan	2	\$ 440.00	8	\$ 1,400.00	16	\$ 2,160.00	16	\$ 1,760.00		\$ -		\$ -	42	\$ 5,760.00	\$ 137.14		
G. Site Lighting / Photometrics	2	\$ 440.00	8	\$ 1,400.00		\$ -	16	\$ 1,760.00		\$ -		\$ -	26	\$ 3,600.00	\$ 138.46		
2.2 Vehicle Tracking / ITS Plans		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Technology Plans (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2.3 Driver's Lounge Plans		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Architectural Floor Plan (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
B. Architectural Roof Plan (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
C. Architectural Elevations (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
D. Structural Foundation Plan	2	\$ 350.00	8	\$ 1,080.00	12	\$ 1,320.00	8	\$ 800.00		\$ -		\$ -	30	\$ 3,550.00	\$ 118.33		
E. Structural Floor Plan	2	\$ 350.00	8	\$ 1,080.00	12	\$ 1,320.00	8	\$ 800.00		\$ -		\$ -	30	\$ 3,550.00	\$ 118.33		
F. Structural Roof Plan	2	\$ 350.00	8	\$ 1,080.00	12	\$ 1,320.00	8	\$ 800.00		\$ -		\$ -	30	\$ 3,550.00	\$ 118.33		
G. Preliminary HVAC Plan	4	\$ 700.00	8	\$ 1,080.00	16	\$ 1,760.00	16	\$ 1,600.00		\$ -		\$ -	44	\$ 5,140.00	\$ 116.82		
H. Preliminary Plumbing Plan	4	\$ 700.00	8	\$ 1,080.00	16	\$ 1,760.00	16	\$ 1,600.00		\$ -		\$ -	44	\$ 5,140.00	\$ 116.82		
I. Preliminary Electrical Plan	4	\$ 700.00	8	\$ 1,080.00	16	\$ 1,760.00	16	\$ 1,600.00		\$ -		\$ -	44	\$ 5,140.00	\$ 116.82		
J. MEP Narrative of Systems	2	\$ 270.00	2	\$ 270.00		\$ -		\$ -		\$ -		\$ -	2	\$ 270.00	\$ 135.00		
2.4 Canopy Drawings		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Architectural Plan (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
B. Architectural Elevations (See Transystems)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
C. Structural Foundation Plan	4	\$ 700.00	8	\$ 1,080.00	12	\$ 1,320.00	8	\$ 800.00		\$ -		\$ -	32	\$ 3,600.00	\$ 121.88		
D. Structural Elevations	4	\$ 700.00	8	\$ 1,080.00	12	\$ 1,320.00	8	\$ 800.00		\$ -		\$ -	32	\$ 3,600.00	\$ 121.88		
E. Preliminary Lighting Photometrics	1	\$ 135.00	4	\$ 440.00		\$ -		\$ -		\$ -		\$ -	5	\$ 575.00	\$ 115.00		
2.5 Wayfinding Signs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Bolting Interior		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1. Sign Location Plan (See Apple)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2. Typical Sign Layout (See Apple)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
3. Installation Notes (See Apple)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
4. Fabrication and Material Notes (See Apple)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2.6 Landscape Plans		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Conceptual Landscape Plans (See Landesco)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
B. Material Plan List and Notes (See Landesco)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2.7 Permitting (See EGS and Ball)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2.8 Cost Estimate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. 30% Opinion of Probable Construction Cost	2	\$ 350.00	4	\$ 540.00		\$ -		\$ -	12	\$ 1,200.00		\$ -	18	\$ 2,050.00	\$ 116.11		
B. Preliminary Technical Specifications	2	\$ 350.00		\$ -		\$ -		\$ -		\$ -		\$ -	2	\$ 354.00	\$ 177.00		
2.9 Calculations		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Structural Calculations	4	\$ 540.00		\$ -		\$ -		\$ -		\$ -		\$ -	4	\$ 540.00	\$ 135.00		
B. Energy Calculations	4	\$ 540.00		\$ -		\$ -		\$ -		\$ -		\$ -	4	\$ 540.00	\$ 135.00		
C. Stormwater Calculations	4	\$ 540.00		\$ -		\$ -		\$ -		\$ -		\$ -	4	\$ 540.00	\$ 135.00		
2.11 Meetings		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
A. Design Coordination Meetings (2)	12	\$ 2,100.00	12	\$ 1,620.00		\$ -		\$ -		\$ -		\$ -	24	\$ 3,720.00	\$ 155.00		
B. Design Review Meeting	6	\$ 1,050.00	6	\$ 810.00		\$ -		\$ -		\$ -		\$ -	12	\$ 1,860.00	\$ 155.00		

	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Avg Hourly Rate
C Pre-Application Meeting with Sarasota County		\$ -		\$ -	6	\$ 810.00		\$ -		\$ -		\$ -	6	\$ 810.00	\$ 135.00
D Pre-Application Meeting with SWFWMD		\$ -		\$ -	6	\$ 810.00		\$ -		\$ -		\$ -	6	\$ 810.00	\$ 135.00
Sub-Total Schematic Design	10	\$ 2,200.00	74	\$ 12,950.00	161	\$ 24,439.00	212	\$ 23,320.00	100	\$ 10,000.00	6	\$ 360.00	583	\$ 73,269.00	\$ 125.68
3.0 Design Development (60%)															
3.1 Civil/Site Drawings															
A Existing Conditions / Survey	1	\$ 220.00	4	\$ 700.00	8	\$ 1,680.00	8	\$ 880.00		\$ -		\$ -	4	\$ 530.00	\$ 132.50
B Demolition Plan															
C Site Plan	2	\$ 440.00	8	\$ 1,400.00	16	\$ 2,160.00	24	\$ 2,640.00		\$ -		\$ -	50	\$ 6,640.00	\$ 132.80
D Geometry Plan	2	\$ 440.00	8	\$ 1,400.00	16	\$ 2,160.00	24	\$ 2,640.00		\$ -		\$ -	50	\$ 6,640.00	\$ 132.80
E Grading and Drainage Plan	2	\$ 440.00	8	\$ 1,400.00	16	\$ 2,160.00	24	\$ 2,640.00		\$ -		\$ -	50	\$ 6,640.00	\$ 132.80
F Utility Plans (See Bell)															
G Siting and Marking Plans	2	\$ 440.00	8	\$ 1,400.00	16	\$ 2,160.00	24	\$ 2,640.00		\$ -		\$ -	50	\$ 6,640.00	\$ 132.80
H Signage Graphics and Details															
I Site Lighting / Photometrics															
J Civil Details															
K Site Lighting Details															
L SWPPP															
3.2 Vehicle Tracking / ITS Plans															
A Technology Plans															
B Technology Details															
3.3 Driver's Lounge Plans															
A Architectural Floor Plan (See Transystems)															
B Architectural Roof Plan (See Transystems)															
C Architectural Elevations (See Transystems)															
D Architectural Sections and Details															
E Structural Foundation Plan															
F Structural Floor Plan															
G Structural Roof Plan															
H Structural Details															
I Beam / Column Schedules															
J HVAC Plans															
K HVAC Schedules															
L HVAC Details															
M Plumbing Plans															
N Plumbing Schedules															
O Plumbing Details															
P Plumbing Isometrics															
Q Electrical Plans															
R Lighting Plans															
S Electrical Schedules															
T Electrical Details															
U Technology Plans															
V Technology Details															
3.4 Canopy Drawings															
A Architectural Plan (See Transystems)															
B Architectural Elevations (See Transystems)															
C Architectural Details (See Transystems)															
D Structural Foundation Plan															
E Structural Elevations															
F Structural Details															
G Lighting Photometrics															
H Lighting Details															
3.5 Wayfinding Signs															
A Building Interior															
1 Sign Location Plan (See Apple)															
2 Typical Sign Layout (See Apple)															
3 Installation Notes (See Apple)															
4 Fabrication and Material Notes (See Apple)															
3.6 Landscape Plans															
A Landscape Plans (See Landesco)															
B Material Plan List and Notes See Landesco															
C Permitting (See EGS and Bell)															
3.8 Cost Estimate															
3.9 Technical Specifications															
3.10 Final Calculations															
A Structural Calculations															
B HVAC Load Calculations															
C Energy Calculations															
D Plumbing Calculations															
E Electrical Calculations															
F Stormwater Calculations															

	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Avg Hourly Rate
3.11 Meetings															
A. Design Coordination Meetings (2)		\$ -	12	\$ 2,100.00	12	\$ 1,620.00		\$ -		\$ -		\$ -	24	\$ 3,720.00	\$ 155.00
B. Design Review Meeting		\$ -	6	\$ 1,050.00	6	\$ 810.00		\$ -		\$ -		\$ -	12	\$ 1,860.00	\$ 155.00
C. Meeting with Utility Providers		\$ -		\$ -	6	\$ 810.00		\$ -		\$ -		\$ -	6	\$ 810.00	\$ 135.00
Sub-Total Design Development	9	\$ 1,980.00	128	\$ 22,400.00	275	\$ 37,125.00	390	\$ 42,900.00	147	\$ 14,700.00	6	\$ 360.00	955	\$ 119,465.00	\$ 125.09
4.0 Construction Documents (100%)															
4.1 Civil/Site Drawings															
A. Existing Conditions / Survey		\$ -	1	\$ 175.00	1	\$ 135.00	2	\$ 220.00		\$ -		\$ -	4	\$ 530.00	\$ 132.50
B. Demolition Plan	1	\$ 220.00	8	\$ 1,400.00	4	\$ 540.00	4	\$ 440.00		\$ -		\$ -	17	\$ 2,600.00	\$ 152.94
C. Site Plan	2	\$ 440.00	8	\$ 1,400.00	8	\$ 1,060.00	24	\$ 2,640.00		\$ -		\$ -	42	\$ 5,560.00	\$ 132.38
D. Geometry Plan	2	\$ 440.00	8	\$ 1,400.00	8	\$ 1,060.00	24	\$ 2,640.00		\$ -		\$ -	42	\$ 5,560.00	\$ 132.38
E. Grading and Drainage Plan	2	\$ 440.00	8	\$ 1,400.00	8	\$ 1,060.00	24	\$ 2,640.00		\$ -		\$ -	42	\$ 5,560.00	\$ 132.38
F. Utility Plans (See Bell)		\$ -		\$ -	0	\$ 0	0	\$ 0		\$ -		\$ -	0	\$ 0	
G. Signing and Marking Plans	2	\$ 440.00	8	\$ 1,400.00	8	\$ 1,060.00	24	\$ 2,640.00		\$ -		\$ -	42	\$ 5,560.00	\$ 132.38
H. Signage Graphics and Details		\$ -	2	\$ 350.00	8	\$ 1,060.00	24	\$ 2,640.00		\$ -		\$ -	34	\$ 4,070.00	\$ 119.71
I. Site Lighting / Photometrics		\$ -	2	\$ 350.00	8	\$ 1,060.00	24	\$ 2,640.00		\$ -		\$ -	34	\$ 4,070.00	\$ 119.71
J. Civil Details		\$ -	2	\$ 350.00	2	\$ 270.00	2	\$ 220.00		\$ -		\$ -	6	\$ 840.00	\$ 140.00
K. Site Lighting Details		\$ -	2	\$ 350.00	2	\$ 270.00	2	\$ 220.00		\$ -		\$ -	6	\$ 840.00	\$ 140.00
L. SWPPP		\$ -	2	\$ 350.00	2	\$ 270.00	2	\$ 220.00		\$ -		\$ -	6	\$ 840.00	\$ 140.00
4.2 Vehicle Tracking / ITS Plans															
A. Technology Plans		\$ -	4	\$ 700.00	8	\$ 1,060.00	8	\$ 850.00	16	\$ 1,820.00		\$ -	36	\$ 4,350.00	\$ 118.33
B. Technology Details		\$ -	2	\$ 350.00	8	\$ 1,060.00	8	\$ 850.00	4	\$ 400.00		\$ -	22	\$ 2,710.00	\$ 123.18
4.3 Driver's Lounge Plans															
A. Architectural / Floor Plan (See Transystems)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
B. Architectural Roof Plan (See Transystems)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
C. Architectural Elevations (See Transystems)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
D. Architectural Sections and Details		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
E. Structural Foundation Plan		\$ -	2	\$ 350.00	8	\$ 1,060.00	12	\$ 1,320.00	16	\$ 1,600.00		\$ -	38	\$ 4,350.00	\$ 114.47
F. Structural Floor Plan		\$ -	2	\$ 350.00	8	\$ 1,060.00	12	\$ 1,320.00	16	\$ 1,600.00		\$ -	38	\$ 4,350.00	\$ 114.47
G. Structural Roof Plan		\$ -	2	\$ 350.00	8	\$ 1,060.00	12	\$ 1,320.00	16	\$ 1,600.00		\$ -	38	\$ 4,350.00	\$ 114.47
H. Structural Details		\$ -	2	\$ 350.00	4	\$ 540.00	2	\$ 220.00		\$ -		\$ -	8	\$ 1,110.00	\$ 138.75
I. Beam / Column Schedules		\$ -	2	\$ 350.00	4	\$ 540.00	2	\$ 220.00		\$ -		\$ -	8	\$ 1,110.00	\$ 138.75
J. HVAC Plans		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
K. HVAC Schedules		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
L. HVAC Details		\$ -	2	\$ 350.00	2	\$ 270.00	4	\$ 440.00	2	\$ 200.00		\$ -	10	\$ 1,260.00	\$ 126.00
M. Plumbing Plan		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
N. Plumbing Schedules		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
O. Plumbing Details		\$ -	2	\$ 350.00	2	\$ 270.00	2	\$ 200.00		\$ -		\$ -	6	\$ 1,040.00	\$ 173.33
P. Plumbing Isometrics		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
Q. Electrical Plan		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
R. Lighting Plans		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
S. Electrical Schedules		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
T. Electrical Details		\$ -	2	\$ 350.00	2	\$ 270.00	4	\$ 440.00	2	\$ 200.00		\$ -	10	\$ 1,260.00	\$ 126.00
U. Technology Plans		\$ -	2	\$ 350.00	4	\$ 540.00	8	\$ 860.00	4	\$ 400.00		\$ -	18	\$ 2,170.00	\$ 120.56
V. Technology Details		\$ -	2	\$ 350.00	2	\$ 270.00	4	\$ 440.00	4	\$ 400.00		\$ -	12	\$ 1,460.00	\$ 121.67
4.4 Canopy Drawings															
A. Architectural Plan (See Transystems)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
B. Architectural Elevations (See Transystems)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
C. Architectural Details (See Transystems)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
D. Structural Foundation Plan		\$ -	2	\$ 350.00	4	\$ 540.00	12	\$ 1,320.00	4	\$ 400.00		\$ -	22	\$ 2,610.00	\$ 118.64
E. Structural Elevations		\$ -	2	\$ 350.00	4	\$ 540.00	12	\$ 1,320.00	4	\$ 400.00		\$ -	22	\$ 2,610.00	\$ 118.64
F. Structural Details		\$ -	2	\$ 350.00	4	\$ 540.00	12	\$ 1,320.00	4	\$ 400.00		\$ -	22	\$ 2,610.00	\$ 118.64
G. Lighting Fixture Schedule		\$ -	1	\$ 175.00	2	\$ 270.00	4	\$ 440.00	2	\$ 200.00		\$ -	9	\$ 1,065.00	\$ 120.56
H. Lighting Photometrics		\$ -	1	\$ 175.00	2	\$ 270.00		\$ -	8	\$ 800.00		\$ -	11	\$ 1,245.00	\$ 113.18
I. Lighting Details		\$ -	1	\$ 175.00	2	\$ 270.00	2	\$ 220.00	1	\$ 100.00		\$ -	6	\$ 765.00	\$ 127.50
4.5 Wayfinding Signs															
A. Building Interior															
1. Sign Location Plan (See Apple)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
2. Typical Sign Layout (See Apple)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
3. Installation Notes (See Apple)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
4. Fabrication and Material Notes (See Apple)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
4.6 Landscape Plans															
A. Landscape Plans (See Landesco)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
B. Material Plan List and Notes (See Landesco)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
4.7 Permitting (See EGS and Bell)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
4.8 Cost Estimate															
A. 100% Opinion of Probable Construction Cost		\$ -	2	\$ 350.00	4	\$ 540.00		\$ -	12	\$ 1,200.00		\$ -	18	\$ 2,060.00	\$ 116.11
4.9 Technical Specifications		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
4.10 Front End Specifications		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
A. Division 00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	

	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Avg Hourly Rate
4.11 Meetings															
A Design Coordination Meetings (2)		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
B Design Review Meeting		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Sub-Total Construction Documents	9	\$ 1,980.00	104	\$ 18,200.00	173	\$ 23,355.00	340	\$ 37,400.00	149	\$ 14,900.00	0	\$ -	775	\$ 95,835.00	\$ 123.66
5.0 Bidding Phase Services															
5.1 Incorporate Airport Comments		\$ -		\$ -	2	\$ 270.00	6	\$ 660.00	18	\$ 1,800.00	4	\$ 240.00	30	\$ 2,970.00	\$ 99.00
5.2 Prepare Addendums		\$ -		\$ -	2	\$ 270.00	6	\$ 660.00	12	\$ 1,200.00	4	\$ 240.00	24	\$ 2,370.00	\$ 98.75
5.3 Assist with Pre-Bid Conference		\$ -		\$ -	6	\$ 810.00	6	\$ 660.00	18	\$ 1,800.00	4	\$ 240.00	34	\$ 3,510.00	\$ 103.24
5.4 Answer Bidders Questions		\$ -		\$ -	4	\$ 540.00	8	\$ 880.00		\$ -		\$ -	12	\$ 1,420.00	\$ 118.33
5.5 Bid Evaluation and Recommendation of Award		\$ -		\$ -	4	\$ 540.00	2	\$ 220.00		\$ -	4	\$ 240.00	10	\$ 1,000.00	\$ 100.00
Sub-Total Bidding & Award	0	\$ -	0	\$ -	18	\$ 2,430.00	28	\$ 3,080.00	48	\$ 4,800.00	16	\$ 960.00	110	\$ 11,270.00	\$ 102.45
Total LABOR Cost	47	\$ 10,340.00	374	\$ 65,450.00	741	\$ 100,039.00	1042	\$ 114,620.00	532	\$ 53,200.00	34	\$ 2,040.00	2770	\$ 345,689.00	\$ 124.80
TOTAL LABOR COST							AVCON	Transsystems	EGS	Bell	Landesco	Tierra	Hyatt	Apple	Total
							\$345,689.00	\$ 148,756.00	\$ 29,425.00	\$ 18,000.00	\$ 8,500.00	\$ 24,076.04	\$ 22,870.98	\$ 25,529.78	\$ 622,846.78
Program Verification							\$ 45,850.00	\$ 10,564.00		\$ 18,000.00	\$ 700.00	\$ 9,814.67	\$ 10,880.63	\$ 892.64	\$ 96,701.94
Schematic Design (30%)							\$ 73,269.00	\$ 26,268.00	\$ 29,425.00	\$ -	\$ 2,570.00	\$ 14,261.37	\$ 11,990.33	\$ 9,938.18	\$ 167,721.88
Design Development(60%)							\$119,465.00	\$ 60,396.00			\$ 1,650.00			\$ 3,808.66	\$ 185,319.66
Construction Documents (100%)							\$ 95,835.00	\$ 50,226.00			\$ 2,080.00			\$ 8,985.98	\$ 157,126.98
Bidding & Award							\$ 11,270.00	\$ 1,302.00			\$ 1,500.00			\$ 1,904.32	\$ 15,976.32
Reimbursables							\$ 2,500.00	\$ 2,097.50	\$ -						\$ 4,597.50
Total Cost							\$348,189.00	\$ 180,853.50	\$ 29,425.00	\$ 18,000.00	\$ 8,500.00	\$ 24,076.04	\$ 22,870.98	\$ 25,529.78	\$ 627,444.28

AVCON, INC.

Sarasota Manatee Airport Authority VS Sarasota-Bradenton International Airport

Ground Transportation Center

Scope Description

February 19, 2021

TranSystems has developed an architectural concept that alleviates the design concerns of both the Airport and design team. The main concerns are passenger safety, reducing operational conflicts, increased operational efficiency, a new of Driver's Lounge building, and vehicle and bus maneuverability. TranSystems will design a canopy for the new covered shuttle and taxi loop directly adjacent to the terminal, covered queuing options for TNC (such as Lyft and Uber) and Limo pickup, public transportation vehicles (bus) services with an alternate for covered bus stalls, open staging lot for limo and shuttles, Driver's Lounge, and other amenities. TranSystems will also design a 30% design proposal of either an extension to the existing ITS/Vehicle ID system or a replacement system.

Design Tasks

The following products will be developed:

- Programming for all the various modes of transportation. Airport will provide what design counts for each mode of transportation: TNC, taxi, limo, shuttle, and bus;
 - Based on Airport count and information TranSystems will gather, we will developed a program determining the number of spaces for all vehicle types in the Ground Transportation Center. Program draft will be issued to AVCON for review by AVCON and Airport Authority. Comments of review will be incorporated into final program report.
 - Produce overall site:
 - Architectural site plans
- ITS/Revise Concept Plan if needed based on analysis noted above.
 - After program has been memorialized TranSystems will revise concept site plan as required. Site plan draft will be issued to AVCON for review by AVCON and Airport Authority. Comments of review will be incorporated into final site plan.
- 30% design and programming of ITS/Vehicle ID: Provide recommendation to either expand their existing ITS system or replace it with a new system;
 - Coordinate desired operations for ITS/Vehicle ID system with Airport and AVCON. Identify locations of Proposed equipment, mounting requirements and infrastructure. A system interconnection diagram indicating network needs and power requirements will be included along with draft specifications and 30% level cost estimate. Typical installation details will be included to support intended application.
- Architectural Design of the Drivers Lounge and Canopies. Concept submittal at 30, 60, 90 and 100% design;
 - TranSystems will provide full design documents including drawings and specifications as needed for construction of the Driver's Lounge and GTC canopies. Plans and specifications will be issued to AVCON for review by AVCON and Airport Authority at 30, 60, 90 and 100%. Comments of each review will be incorporated into drawings and specifications of the following submittal.
 - Submittal items will include but are not limited to:
 - Documents for Driver's Lounge:
 - Architectural code analysis
 - Architectural site plan
 - Architectural floor plans
 - Architectural building elevations and sections
 - Architectural interior elevations
 - Architectural details
 - Architectural specifications
 - Documents for Canopies:



222 S. Riverside Plaza
Chicago, IL 60606
T 312-669-9601
www.transystems.com

- Architectural code analysis
- Architectural site and roof plan
- Architectural elevations and sections
- Architectural details
- Architectural specifications
- Provide architectural alternate for expansion of canopy to bus area
- Demolition Plans for the existing overhang of the Terminal Building;
 - TranSystems will provide full design documents including drawings and specifications as needed for the demolition of the existing overhang for the Terminal Building. Plans and specifications will be issued to AVCON for review by AVCON and Airport Authority at 30, 60, 90 and 100% , as part of New Work Canopy documents. Comments of each review will be incorporated into drawings and specifications of the following submittal.
 - Documents for Demolition of existing overhang:
 - Architectural demolition plan
 - Architectural specifications

EXHIBIT A - DESIGNER'S COMPENSATION
 PROJECT: SARASOTA BRADENTON INTERNATIONAL AIRPORT GROUND TRANSPORTATION CENTER
 PREPARED BY: TRANSYSTEMS CORPORATION DBA TRANSYSTEMS CORPORATION CONSULTANTS

	Chief Planner/Project Director		Transportation Planner		Lead Architect		Project Architect		Senior Architect (BANC)		Sr. Security Designer		Security Designer		TOTALS	Avg Hourly Rate	
	\$300.00	\$HR	\$125.00	\$HR	\$195.00	\$HR	\$150.00	\$HR	\$225.00	\$HR	\$222.00	\$HR	\$165.00	\$HR			
	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	
1.0 PROGRAM VERIFICATION																	
1.1 Transportation Programming	1	\$ 300.00	8	\$ 750.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	7	\$ 1,050.00	\$ 150.00
1.2 Site Planning	\$ -	\$ -	2	\$ 250.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2	\$ 250.00	\$ 125.00
1.3 ITS/Vehicle ID Control System	1	\$ 300.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2	\$ 444.00	2	\$ 330.00	3	\$ 744.00	\$ 248.00
1.4 Driver's Lounge Programming	1	\$ 300.00	\$ -	\$ -	8	\$ 1,560.00	8	\$ 1,200.00	4	\$ 900.00	\$ -	\$ -	\$ -	\$ -	21	\$ 3,660.00	\$ 174.29
1.5 MEP Concepts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.5.1 HVAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.5.1 Plumbing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.5.1 Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.6 Canopy Architectural Concepts	1	\$ 300.00	\$ -	\$ -	8	\$ 1,560.00	8	\$ 1,200.00	4	\$ 900.00	\$ -	\$ -	\$ -	\$ -	21	\$ 3,660.00	\$ 174.29
1.7 Wayfinding Signage Concepts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.7.1 GTC Building Interior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.7.1 GTC Building Exterior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.8 Signways	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.9 Geotechnical	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.10 Landscape Plant Material Selection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.11 Asbestos and Lead Surveys	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
1.12 Meetings	1	\$ 300.00	\$ -	\$ -	\$ -	\$ -	2	\$ 300.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3	\$ 600.00	\$ 200.00
1.13 Cost Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2.0 SCHEMATIC DESIGN PHASE (10%)																	
2.1 Civil/Site Drawings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
2.2 Vehicle Tracking/TS Plan	1	\$ 300.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10	\$ 2,220.00	80	\$ 13,200.00	11	\$ 2,520.00	\$ 229.09
2.3 Driver's Lounge Plans	1	\$ 300.00	\$ -	\$ -	20	\$ 3,900.00	40	\$ 6,000.00	8	\$ 1,800.00	\$ -	\$ -	\$ -	\$ -	59	\$ 12,000.00	\$ 172.91
2.4 Canopy Drawings	1	\$ 300.00	\$ -	\$ -	20	\$ 3,900.00	20	\$ 3,000.00	8	\$ 1,800.00	\$ -	\$ -	\$ -	\$ -	49	\$ 9,000.00	\$ 183.67
2.5 Wayfinding Signs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
2.6 Landscape Plans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
2.7 Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
2.8 Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
2.9 Preliminary Technical Specifications (List & Outline)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
2.10 Preliminary Calculations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
2.11 Meetings	1	\$ 300.00	\$ -	\$ -	8	\$ 1,560.00	\$ -	\$ -	\$ -	\$ -	4	\$ 888.00	\$ -	\$ -	13	\$ 2,748.00	\$ 211.38
3.0 DESIGN SUBMITTAL PHASE (60%)																	
3.1 Civil/Site Drawings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
3.2 Vehicle Tracking/TS Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
3.3 Driver's Lounge Plans	1	\$ 300.00	\$ -	\$ -	40	\$ 7,800.00	100	\$ 15,000.00	12	\$ 2,700.00	\$ -	\$ -	\$ -	\$ -	153	\$ 29,800.00	\$ 195.83
3.4 Canopy Drawings	1	\$ 300.00	\$ -	\$ -	78	\$ 14,820.00	95	\$ 14,250.00	12	\$ 2,700.00	\$ -	\$ -	\$ -	\$ -	184	\$ 32,070.00	\$ 174.29
3.5 Wayfinding Signs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
3.6 Landscape Plans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
3.7 Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
3.8 Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
3.9 Technical Specifications	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
3.10 Calculations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
3.11 Meetings	1	\$ 300.00	\$ -	\$ -	8	\$ 1,560.00	\$ -	\$ -	\$ -	\$ -	3	\$ 666.00	\$ -	\$ -	12	\$ 2,526.00	\$ 210.50
4.0 CONSTRUCTION DOCUMENT PHASE (30%)																	
4.1 Civil/Site Drawings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
4.2 Vehicle Tracking/TS Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
4.3 Driver's Lounge Plans	1	\$ 300.00	\$ -	\$ -	40	\$ 7,800.00	80	\$ 12,000.00	8	\$ 1,800.00	\$ -	\$ -	\$ -	\$ -	128	\$ 21,900.00	\$ 169.77
4.4 Canopy Drawings	1	\$ 300.00	\$ -	\$ -	60	\$ 11,700.00	80	\$ 12,000.00	8	\$ 1,800.00	\$ -	\$ -	\$ -	\$ -	148	\$ 28,800.00	\$ 174.15
4.5 Wayfinding Signs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
4.6 Landscape Plans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
4.7 Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
4.8 Cost Estimates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
4.9 Final/End Specifications	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
4.10 Calculations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	
4.11 Meetings	1	\$ 300.00	\$ -	\$ -	8	\$ 1,560.00	\$ -	\$ -	\$ -	\$ -	3	\$ 666.00	\$ -	\$ -	12	\$ 2,526.00	\$ 210.50
5.0 BIDDING PHASE SERVICES																	
5.1 Bidding/Share Services	1	\$ 150.00	\$ -	\$ -	4	\$ 780.00	\$ -	\$ -	\$ -	\$ -	1	\$ 222.00	4	\$ 660.00	6	\$ 1,502.00	\$ 217.00
TOTALS	16	\$ 4,800.00	8	\$ 1,000.00	300	\$ 58,500.00	433	\$ 64,950.00	64	\$ 14,400.00	23	\$ 5,106.00	86	\$ 14,190.00	844	\$ 148,756.00	176.25

TOTAL LABOR COST	\$ 148,756.00
TOTAL DIRECT EXPENSES	\$ 2,097.50
TOTAL FEE ESTIMATE	\$ 150,853.50

**SARASOTA BRADENTON INTERNATIONAL AIRPORT
SARASOTA MANATEE AIRPORT AUTHORITY
RFQ-01-2020-GTC
PROFESSIONAL ARCHITECTURE/ENGINEERING SERVICES FOR GROUND
TRANSPORTATION CENTER PROJECT**

PROJECT SCOPE DEFINITION FOR WAYFINDING SIGNAGE

April 6, 2021 / v1.2

PROJECT UNDERSTANDING

Apple Designs, as a subcontractor to AVCON, will work with the AVCON Team to ensure the development of an effective wayfinding signage program for the Ground Transportation Center (GTC) Project at Sarasota Bradenton International Airport (SRQ). Scope objectives include but are not limited to the following:

1. Develop signage for SRQ GTC building interior. (30%, 60%, 100%)
2. 100% building interior signage drawings will include, as necessary, location plans, message layouts, graphic layouts, details, and elevations.
3. Conceptual design for vehicular and pedestrian outside the GTC building but within the project boundary. (30%)
4. Review AVCON's design for signs outside the GTC building. (60%, 100%)
5. Attend meetings as necessary for project coordination, including up to two (2) video meetings per submittal. (30%, 60%, 100%)

Technical Requirements

Project deliverables in PDF format. All deliverables to be submitted electronically.

SCOPE DEFINITION

Task 1: GTC Building Interior

Schematic Design (30%)

Provide design concepts to address the signage requirements as dictated by necessary architectural and messaging considerations. Typical deliverable will include:

1. Sign Type Location Plans
2. Sign Design and Message Layout Concepts
3. Fabrication and Materials Notes

Design Development (60%)

Minor updates to Schematic Design deliverable to identify Client selected preferred design concept. Typical deliverable will include:

1. Sign Type Location Plans
2. Typical Sign Design with Sample Message Layouts
3. Fabrication and Materials Notes

Construction Documents (100%)

Produce detailed construction documents and specifications, as necessary. Typical deliverable will include:

1. Sign Location Plans
2. Sign Graphic Layouts*
3. Sign Mounting Elevations
4. Sign Fabrication Details
5. Technical Specifications

* A Sign Message Schedule will be provided only if sign messaging is not included in Sign Graphic Layouts.

Task 2: GTC Building Exterior**Conceptual Design (30%)**

Provide design concepts to address the signage requirements as dictated by necessary architectural and messaging considerations. Typical deliverable will include:

1. Sign Type Location Plans
2. Sign Design and Message Layout Concepts
3. Fabrication and Materials Notes

Design Development (60%)

Limited review and comment on 60% deliverable developed by AVCON.

Construction Documents (100%)

Limited review and comment on 100% deliverable developed by AVCON.

MEETINGS / PRESENTATIONS

On-Site Meetings (travel required): None

Project coordination meetings: Up to two (2) video meetings per submittal at 30%, 60%, and 100%.

PROJECT SCHEDULE

Schematic Design: TBD

Design Development: TBD

100% Construction Documents: TBD

Total Project Schedule: TBD

ASSUMPTIONS & CLARIFICATIONS / EXCLUSIONS**Assumptions**

1. All deliverables to be submitted electronically.
2. Availability of accurate plan documents necessary to complete all required tasks and subtasks for this project.
3. All destination terminology will be provided to Apple Designs by others.

Clarifications / Exclusions

All structural and electrical engineering services related to signage design (sign and seal) are to be provided by others and must be coordinated with the Architect of Record, general contractor, or signage installer for final approval and certification.

Notable wayfinding and signage services that are not currently reflected in this scope of work:

1. Directory map
2. Temporary/phasing/construction signage
3. Procurement and physical evaluation of materials, colors, mocks/prototypes or similar
4. Signage master plan and graphic standards manual
5. Tenant, art, or advertising standards
6. Vehicular regulatory/warning signs such as stop/yield signs
7. Workplace safety signs such as OSHA signs and tags, NFPA labels, or pipe and valve markings
8. Development of branding or logo design
9. Bidding phase services
10. Construction phase services
11. Any other type of signage not defined herein
12. Any other project not identified herein

APPLE DESIGNS, INC.
 SARASOTA BRADENTON INTERNATIONAL AIRPORT
 GROUND TRANSPORTATION CENTER

TABLE A - 2
 BREAKDOWN OF FEE

4/4/2021
 v 1.2

AVCON	Position:	Design Director		Project Manager		Technical Director		Art Director		Senior Designer		Technical Designer		Total		
		Rate (\$/Hour)	208.29 \$/HR	Cost	163.65 \$/HR	Cost	148.78 \$/HR	Cost	133.9 \$/HR	Cost	119.02 \$/HR	Cost	104.14 \$/HR	Cost	Manhours	Cost
PHASE 1: PROGRAM VERIFICATION (12 weeks)																
1.7: N/A		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		0	\$ -	N/A
Meetings: Progress meetings (virtual, 2)		\$ -	4	\$ 654.60	\$ -	\$ -	2	\$ 238.04	\$ -	\$ -	6	\$ 892.64	148.77			
Deliverables: N/A		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	N/A	
Sub-Total Program Verification		0	\$ -	4	\$ 654.60	0	\$ -	0	\$ -	2	\$ 238.04	0	\$ -	6	\$ 892.64	148.77
PHASE 2: SCHEMATIC DESIGN 30% (12 weeks)																
2.5: preliminary site signage programming w/ sign types and quantities + outline specifications (building interior and exterior)		\$ -	8	\$ 1,309.20	12	\$ 1,785.36	\$ -	\$ -	24	\$ 2,856.48	16	\$ 1,666.24	60	\$ 7,617.28	126.95	
Meetings: Design coordination (2, virtual), design review (1, virtual)		\$ -	6	\$ 981.90	\$ -	\$ -	2	\$ 267.80	\$ -	\$ -	\$ -	\$ -	8	\$ 1,249.70	156.21	
Deliverables: 30% Design Plans w/ outline specs (QA/QC+submit)		\$ -	\$ -	\$ -	\$ -	\$ -	8	\$ 1,071.20	\$ -	\$ -	\$ -	\$ -	8	\$ 1,071.20	133.60	
Sub-Total Schematic Design 30%		0	\$ -	14	\$ 2,291.10	12	\$ 1,785.36	10	\$ 1,339.00	24	\$ 2,856.48	16	\$ 1,666.24	76	\$ 9,938.18	130.77
PHASE 3: DESIGN DEVELOPMENT 60% (16 weeks)																
3.5: update preliminary site signage programming w/ sign types and quantities + outline specifications (building interior) + review exterior signage		\$ -	\$ -	\$ -	8	\$ 1,190.24	\$ -	\$ -	\$ -	\$ -	8	\$ 833.12	16	\$ 2,023.36	126.46	
Meetings: Design coordination (2, virtual), design review (1, virtual)		\$ -	6	\$ 981.90	\$ -	\$ -	2	\$ 267.80	\$ -	\$ -	\$ -	\$ -	8	\$ 1,249.70	156.21	
Deliverables: 60% Design Plans w/ outline specs (QA/QC+submit)		\$ -	\$ -	\$ -	\$ -	\$ -	4	\$ 535.60	\$ -	\$ -	\$ -	\$ -	4	\$ 535.60	133.90	
Sub-Total Design Development 60%		0	\$ -	6	\$ 981.90	8	\$ 1,190.24	6	\$ 803.40	0	\$ -	8	\$ 833.12	28	\$ 3,808.66	136.02
PHASE 4: FINAL DESIGN 100% (4 weeks)																
4.5: sign location plans, sign graphic layouts, sign mounting elevations, sign fabrication details, technical specifications (building interior) + review exterior		\$ -	4	\$ 654.60	16	\$ 2,380.48	\$ -	\$ -	\$ -	\$ -	40	\$ 4,165.60	60	\$ 7,200.68	120.01	
Meetings: Design coordination (2, virtual), design review (1, virtual)		\$ -	6	\$ 981.90	\$ -	\$ -	2	\$ 267.80	\$ -	\$ -	\$ -	\$ -	8	\$ 1,249.70	156.21	
Deliverables: 100% Design Plans w/ technical specs (QA/QC+submit)		\$ -	\$ -	\$ -	\$ -	\$ -	4	\$ 535.60	\$ -	\$ -	\$ -	\$ -	4	\$ 535.60	133.90	
Sub-Total Final Design 100%		0	\$ -	10	\$ 1,636.50	16	\$ 2,380.48	6	\$ 803.40	0	\$ -	40	\$ 4,165.60	72	\$ 8,985.98	124.81
PHASE 5: BIDDING & AWARD (1+4 weeks)																
5.1 to 5.3: Prepare Bid Documents		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	8	\$ 833.12	8	\$ 833.12	104.14
5.4 Respond to Bidder Inquiries		\$ -	\$ -	\$ -	\$ -	\$ -	8	\$ 1,071.20	\$ -	\$ -	\$ -	\$ -	8	\$ 1,071.20	133.90	
Sub-Total Bidding & Award		0	\$ -	0	\$ -	0	\$ -	8	\$ 1,071.20	0	\$ -	8	\$ 833.12	16	\$ 1,904.32	119.02
TOTAL LABOR COST																
Total LABOR Cost		0	\$ -	34	\$ 5,684.10	38	\$ 5,356.08	22	\$ 4,017.00	28	\$ 3,094.52	72	\$ 7,498.08	198	\$ 25,529.78	128.84

TOTAL LABOR COST	\$ 25,529.78
Program Verification	\$ 892.64
Schematic Design (30%)	\$ 9,938.18
Design Development (60%)	\$ 3,808.66
Final Design (100%)	\$ 8,985.98
Bidding & Award	\$ 1,904.32
Reimbursables	
Total Cost	\$ 25,529.78

APPLE DESIGNS, INC.

April 11, 2021

Mr. Rick V. Baldocchi, P.E.
Vice President
AVCON, INC
5555 E. Michigan St. Suite 200
Orlando, FL 32822

rbaldocchi@avconinc.com

**SUBJECT: Sarasota Bradenton International Airport – Ground Transportation Center
(RFQ-01-2020-GTC)**

Dear Mr. Baldocchi,

Per your request, Bell Engineering and Consulting, LLC (Bell Engineering) has prepared this final professional services proposal for the subject project to provide sub-consulting Civil Engineering services to AVCON, INC. (Client). As discussed, our scope includes various design and local permitting coordination for the subject project. Currently, we are currently not including construction phase services or additional services for the project in the scope of services. Construction phase services may be provided by Bell Engineering under additional services upon future request by the client once better defined. We appreciate you and AVCON, INC. providing this opportunity to work with your team to move this project forward.

1.0 OVERVIEW

- 1.1. AVCON, INC. (Client) has been selected by the Sarasota Bradenton International Airport-Sarasota Manatee Airport Authority (Authority) to provide overall project design and permitting services for the Sarasota Bradenton International Airport – Ground Transportation Center including all necessary multiple design professional discipline services. The Client has requested that Bell Engineering provide professional engineering services to assist with local design and permitting if the site civil engineer aspects of the project. Bell Engineering has provided the following scope of services based on the information provided by the client regarding the work product and Bell Engineering has not attended scoping meetings or discussed the project with Authority staff. Bell Engineering will also be available for additional general civil engineering and consulting related services and coordinate with the Client, and their consultants, as requested.
- 1.2. Bell Engineering will contract directly with AVCON, INC. and provide copies of all documentation and correspondence related to our work effort. The Client will obtain other consultants (as necessary) to provide various other professional services for non-civil engineering related professional services such as surveying, legal services, MEP, Landscape

Architecture, structural, environmental consulting services, etc. to complete the project. Bell Engineering will coordinate with the Client and their consultants as needed to complete our limited scope of services. Estimated necessary meetings have been included at this time with the Client and their consultants.

2.0 SCOPE OF SERVICES

2.1. Sarasota County Permitting Coordination Services

Bell Engineering will provide support to the AVCON team regarding the permitting of the project through the Sarasota County Development Review process. Our scope of services includes:

- Attend up to three design meetings with the Client and the Authority to provide input and coordination in the preparation of the Site and Development Plans(S&D)/Construction Plans being prepared by AVCON, INC.
- Provide one Peer Review of the 90-100% S&D/Construction Plans prepared by AVCON, INC and provide mark ups and written comments, as necessary.
- Schedule and attend one Pre-Application conference with the Sarasota County Development Review Committee (DRC) for purposes of confirmation of the feasibility of the proposed improvements and to obtain staff input and comments.
- Utilizing Plans prepared by AVCON, INC, Bell Engineering will prepare, submit and coordinate the permit application submittal for the site civil improvements to Sarasota County for Concurrent S&D/Construction Plan Review and approval. Utility plans will be provided by Bell Engineering to be included in AVCON, INC plans for this submittal. AVCON, INC. will coordinate with their other consultants to obtain and provide any necessary documents for the Sarasota County submittal. it is the Client's responsibility to insure the timely delivery of these other work products.
- Bell Engineering will track the review process and distribute comments to the Client once received. We will respond to the requests for additional information as necessary during the review process and provide the County with additional information. Plans and additional documentation will be provided by AVCON, INC. as necessary for submittal by Bell Engineering to obtain approval.
- Provide final documentation of approvals to the Client, Authority and the design team.

2.2. Utility Coordination, Design and Permitting

Utility coordination, design, and permitting of the potable water and sanitary sewer service lines to serve the new facilities will be provided by Bell Engineering. The scope of services provided by Bell Engineering will be limited to the following and does not include coordination with communication, cable, power and gas related utility services:

- Obtain record drawings for existing utilities in the area surrounding the GTC project area.
- Review record drawings, GIS data files, and site-specific survey data collected by the Client's surveyor for this project.
- Set up and attend a meeting with Manatee County Utilities, the Client and the Authority to review the existing utilities in the area of the GTC and confirm that the proposed project can be served by the extension and or modification of existing utility services lines. We will provide input and utility design plan coordination in the preparation of the Site and Development Plans(S&D)/Construction Plans being prepared by AVCON, INC.
- Provide support information regarding potable water, sanitary sewer, as identified at the Pre-Application meeting with Sarasota County. The minimum requirements for the applications would include identification of the existing water, sewer availability and general capacity to serve the site. Coordination with Manatee County to obtain service availability letter will be completed by Bell Engineering if required.
- Prepare the utility (Water & Sewer) construction plans and details for the utility line extensions needed to serve the new GTC building area. It is assumed that the existing water and sewer utility lines can be utilized, modified, and extended to meet the service needs of the proposed project. Construction plans will be provided in autocad format and will utilize the Client's title block as provided. This task will include coordination of the sanitary sewer and water service locations entering the building with the Client and Client's Architect. This task excludes the design of any fire protection system line. Fire supply piping may be shown on the Bell Engineering plans for coordination purposed only and is not the design or permitting responsibility of Bell Engineering.
- Bell Engineering will submit utility construction plans (Potable Water & Sanitary Sewer) and permit applications to Manatee County Utilities Department for review and approval. If required, Florida Department of Environmental Protection (FDEP) permits for water and wastewater system extensions will also be submitted and processed with this task.
- Provide Manatee County, FDEP, and the Health Department with supplementary information as required during the review and approval process for the utility plans and application.

2.3. Bidding/Construction Phase & Miscellaneous Services

Based on the Client's request and direction, Bell Engineering is available to provide Bidding/Construction Phase services, Miscellaneous services and Client representation to be determined for the project based on our attached standard billing rates.

3.0 GENERAL CONDITIONS AND UNDERSTANDINGS

3.1. The following will be provided by the Client:

- 3.1.1. All Engineering and Surveying plans in pdf format and Autocad format.
- 3.1.2. Site geometric site plan, drainage and grading plans.
- 3.1.3. All current and previous correspondence with the permitting agencies (City of Sarasota, Sarasota County, Manatee County, FDEP and Southwest Florida Water Management District) related to the overall project master drainage plan design/permitting and utility service.
- 3.1.4. Latest copies of all existing plans and permits for the site as they become available.
- 3.1.5. Project schedule.
- 3.1.6. Engineering Certification
- 3.1.7. ERP and NOI/NPDES permitting

3.2. **PURSUANT TO FLORIDA STATUTES CHAPTER 558.0035,
AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE
HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.**

4.0 EXCLUDED SERVICES

The professional services that Bell Engineering will provide include, and are limited to, those described under Scope of Services, Sections 2.0. All other services are specifically excluded. Specifically excluded items:

- Surveying, Geotechnical Engineering/Subsurface Utility Engineering services (SUE) locates/review.
- Drainage design, modeling or permitting of proposed drainage improvement with FDEP/SWFWMD- Master drainage plan updates.
- Site Development/Construction Plan design services.
- Environmental services, Environmental contamination risk studies or analysis
- Electrical / Mechanical / Structural / Plumbing / Architectural / Archeological services
- Presentation graphic exhibits or renderings
- Planning, design, or permitting of any on-site or off-site improvements.
- Federal Government permitting services.
- Preparation of schedule of values / cost estimating.
- Construction Bidding Services, Contract Preparation, Contract Documents
- Maintenance of Traffic (MOT) design or review
- Landscape Architecture.
- Sanitary sewer lift station design or analysis.

5.0 FEES

Item	Scope	Fee Type	Fee
2.1.	Sarasota County Permitting Coordination Services	Fixed	\$8,000
2.2.	Utility Coordination, Design and Permitting	Fixed	\$10,000
2.3.	Bidding/Construction Phase & Misc. Services	T/M	TBD
		Total:	\$18,000

If this proposal meets your acceptance, please approve by signing below and returning a copy to us as your authorization for us to proceed. I appreciate the opportunity to work with you and your team on this project.

Sincerely,

J. Michael Bell, P.E.

Bell Engineering & Consulting, LLC



4-11-2021

Date

ACCEPTED:

AVCON, INC.

Signature

Rick V. Baldocchi, P.E.

Date

Encl: Billing Rates

**BELL ENGINEERING
& CONSULTING, LLC**

Standard Billing Rates

Sept 2020

STAFF POSITION	HOURLY RATES
<i>Principal Engineer</i>	<i>\$200.00</i>
<i>Project Engineer / Project Manager</i>	<i>\$150.00</i>
<i>CAD Designer</i>	<i>\$125.00</i>
<i>CAD Technician</i>	<i>\$100.00</i>
<i>Construction Representative / Technician</i>	<i>\$100.00</i>
<i>Admin. Assistant</i>	<i>\$55.00</i>



SARASOTA BRADENTON INTERNATIONAL AIRPORT
GROUND TRANSPORTATION CENTER
WATER MANAGEMENT AND PERMITTING SCOPE OF SERVICES
04/07/2021

- I. **Data Collection Review and Comment**
Review and comment on the geotechnical and survey scopes for the Ground Transportation Center at SRQ with respect to water management design and permitting data requirements.
- II. **Site Plans Review and Comment**
Review and comment on site plans including alternative layouts for the Ground Transportation Center Project at SRQ for compatibility with the Master Drainage Plan and the master Environmental Resources Permit (ERP) for the airport. Provide comments on site drainage interface with the Master Drainage System. Site drainage design will be done by AVCON.
- III. **Construction Stormwater Pollution Prevention Plan**
Assist AVCON with the erosion and sedimentation control plans and specifications. These documents will be included with permit applications. AVCON will produce the drawing sheets and specifications.
- IV. **Narrative and Ledger Adjustments**
Prepare a short water management narrative and adjustments to the ledger in the airport's ERP to support the minor modification of the ERP for the Ground Transportation Center Project construction.
- V. **Minor Modification Construction ERP Application**
Prepare and submit the request for a minor modification of the airport's ERP for construction of the Ground Transportation Center Project.
- VI. **Sarasota County Permit Assistance**
Prepare the water management sections for site permits from Sarasota County.
- VII. **Meetings**
Attend the pre-application meetings with the Southwest Florida Water Management District (SWFWMD) and Sarasota County to discuss stormwater permitting for this project. Attend up to two meetings to provide supporting information for permitting. Attend one site reconnaissance meeting with AVCON to review site conditions with respect to water management coordination and permitting.

VIII. RAIs

Provide water management responses to for up to two sets each of Request for Additional Information (RAI) from SWFWMD and Sarasota County.

IX. CATEX

Assist AVCON in preparing a Short Form Categorical Exclusion for the project with respect to water management and floodplains.

Exclusions

- Manatee County and City of Sarasota meetings or permitting
- Permitting fees
- University of Florida assistance

EG SOLUTIONS FEE PROPOSAL

Project: Ground Transportation Center - Sarasota-
 Bradenton International Airport
 Water Management and Permitting Scope of Services

Sarasota County and SWFWMD

Fee Summary - Lump Sum

Services Provided	Gloria Brady Consultant		Senior		Scott Brady Senior Consultant		Administrative		Totals by Service	
	Rate: \$	275.00	Rate: \$	245.00	Rate: \$	95.00	Hours	Cost	Hours	Cost
I: Data Collection Review and Comment			1	\$ 275.00	1	\$ 245.00		\$ -	2	\$ 520.00
II: Site Plans Review and Comment			2	\$ 550.00	2	\$ 490.00		\$ -	4	\$ 1,040.00
III: Construction Stormwater Pollution Prevention Plan			8	\$ 2,200.00	1	\$ 245.00		\$ -	9	\$ 2,445.00
IV: Narrative and Ledger Adjustments			2	\$ 550.00	4	\$ 980.00	1	\$ 95.00	7	\$ 1,625.00
V: Minor Modification Construction ERP Application			4	\$ 1,100.00	2	\$ 490.00	1	\$ 95.00	7	\$ 1,685.00
VI: SWFWMD and Sarasota County Permitting			8	\$ 2,200.00	4	\$ 980.00	8	\$ 760.00	20	\$ 3,940.00
VII: Meetings (2)			16	\$ 4,400.00	20	\$ 4,900.00	16	\$ 1,520.00	52	\$ 10,820.00
VIII: RAIs			10	\$ 2,750.00	16	\$ 3,920.00	2	\$ 190.00	28	\$ 6,860.00
IX: CATEX				\$ -	2	\$ 490.00		\$ -	2	\$ 490.00
Total EG Solutions			51	\$ 14,025.00	52	\$ 12,740.00	28	\$ 2,660.00	131	\$ 29,425.00



18197 Sandy Pines Circle
N. Fort Myers, FL 33917

T 239.691.7790
info@landesco.com

<https://Landesco.com>

April 16, 2021

AVCON, INC.
c/o Rick Baldocchi, P.E.
5555 E. Michigan Street, Suite 200
Orlando, Florida 32822
(e) rbaldocchi@avconinc.com
(o) 407.599.1122
(c) 407.947.1584

RE: Landscape Architectural Design Services
Sarasota Airport Ground Transportation Center - Sarasota, Florida

Dear Mr. Baldocchi,

Landesco, pllc is pleased to offer our landscape architectural design services to you. This letter defines our Basic Services as determined from the 'Final Scope' document provided.

Scope of Landscape Architectural Design Services

1.0 Program Verification

1.12 Meetings

Kick-off Meeting: As-needed, virtual meeting
Report Presentation: As-needed, virtual meeting

2.0 Schematic Design Phase (30% Submittal)

2.6 Landscape Plans

A. Conceptual Landscape Plans
B. Material Plan List and Notes

2.8 Cost Estimate

A. 30% Opinion of Probable Construction Cost

2.11 Meetings

A. Design Coordination Meetings - Two (2) Virtual Meetings
B. Design Review Meeting - One (1) Virtual Meeting

Deliverables:

- 30% Design Plans
- List of Specifications
- Preliminary Calculations
- Preliminary Opinion of Probable Costs

3.0 Design Development Phase (60% Submittal)

3.6 Landscape Plans

- A. Landscape Plans
- B. Material Plan List and Notes

3.11 Meetings

- A. Design Coordination Meetings - Two (2) Virtual Meetings
- B. Design Review Meeting - One (1) Virtual Meeting

Deliverables:

- 60% Design Plans
- Technical Specifications
- Final Calculations
- Opinion of Probable Costs

4.0 100% Construction Documents Phase

Provide Final Bid and Construction Documents, including design drawings, and associated details sufficient for bidding and construction.

4.6 Landscape Plans

- A. Landscape Plans
- B. Material Plan List and Notes

4.7 Cost Estimate

- A. 36% Opinion of Probable Construction Cost

4.12 Meetings

- A. Design Coordination Meetings - Two (2) Virtual Meetings
- B. Design Review Meeting - One (1) Virtual Meeting

5.0 Bidding Phase Services

5.1 Incorporate final Airport comments from 100% Construction Drawings into Bid Documents.

5.2 Provide assistance to the Airport for any revisions required during Bidding Phase to be published with Addendum documents.

Deliverables

Electronically signed and sealed digital plans (landscape plans and irrigation plans), including all notes, details, quantities, spacing/locations, dimensioning, calculations, plan enlargements, and specifications of all proposed materials.

All work will be based on site plans created/provided by AVCON, Inc.

Additional Services

Services beyond Landesco's **Basic Services** may be provided if confirmed and agreed to in writing. Additional Services include modifications to the final construction documents due to Client's changes, or changes to other consultant's drawings which directly or indirectly affect Landesco's final drawings. Additional Services are provided either on a set fee, agreed to in advance in writing, or on an hourly basis.

Compensation and Payments

A. Client agrees to pay Landesco PLLC as follows:

B. Basic Services:

1. Program Verification	\$700.00
2. Schematic Design Phase	\$2,570.00
3. Design Development Phase	\$1,650.00
4. Construction Documents Phase	\$2,080.00
5. Bidding Phase Services	\$1,500.00

TOTAL DESIGN FEE	\$8,500.00
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C. Additional Services

1. Principal Landscape Architect	\$150.00/Hour
2. Landscape Architect/Designer	\$100.00/Hour
3. Environmental Consultant/Specialist	\$100.00/Hour
4. CAD/Drafting/Modeling/Rendering	\$ 95.00/Hour
5. Administrative/Permitting	\$ 60.00/Hour

D. Landesco shall bill Client for Basic and Additional Services. All payments are due to Landesco PLLC upon receipt of invoice. A service charge of 1.5% per month may be charged on all outstanding debts due more than 30 days after date of invoice.

The Scope of Services above have been defined and proposed as **Basic Services** for the successful planning, design, and completion of the Sarasota Airport Ground Transportation Center as they relate to Landscaping and Irrigation.

Please contact me with any questions you may have regarding these services and descriptions.

I look forward to working with you on this project.

Sincerely,



David Kulsveen, PLA
Principal/Owner



March 3, 2021

Mr. Rick V. Baldocchi, P.E.

AVCON, INC.

5555 E. Michigan Street, Suite 200

Orlando, Florida 32822

Re: Proposal for Professional Surveying Services
SRQ Ground Transportation Center: Topographic Survey
Manatee County, Florida

Dear Mr. Baldocchi:

Pursuant to the information you provided, Hyatt Survey Services, Inc. is pleased to submit this proposal for the following professional surveying services required on the above-referenced project:

SCOPE OF SERVICES

I. Topographic Survey:

- A. Hyatt Survey will perform a Topographic Survey of the area referenced above as located within the Venice Airport property and depicted on the attached exhibit. (Approx. 6.6 ac.)
- B. Hyatt Survey will locate visible aboveground site improvements, utilities and appurtenances. Underground utilities will be graphically depicted on the survey drawing(s) in accordance with visible appurtenances.
- C. Hyatt Survey Services, Inc. will assume NO responsibility for the completeness and/or accuracy of any subsurface data represented on the survey drawing(s) from information provided by others.
- D. Hyatt Survey will contract with a SUE subcontractor to provide SUE Utility Designation throughout the survey limits. Once the SUE designation has been completed, Hyatt Survey will location the SUE designation markings and place them on the final survey drawings. No underground utility depths will be obtained as part of this SUE scope of work.
- E. Living trees (4" DBH and larger) will be located as part of this survey.
- F. Hyatt Survey will determine site elevations on a maximum fifty (50') foot grid, at grade breaks and changes in direction on curbing/paving within the limits of each area described below.
- G. All data is to be referenced to the Florida State Plane Coordinate System, Florida West Zone, NAD 83/07 or 11 Datum.
- H. All elevations will be referenced to existing published County/NGS benchmarks and shall refer to North American Vertical Datum (N.A.V.D.) of 1988.
- I. Hyatt Survey will provide the survey drawing(s) AutoCAD & PDF format prepared to the client's CAD/layer specifications as well as six (6) signed and sealed paper copies of the survey drawing(s).



Mr. Rick V. Baldocchi, P.E.

AVCON, INC.

March 3, 2021

Page 2

J. This project will require thirty (30) calendar days to complete from our receipt of a written "notice to proceed."

Hyatt Survey proposes to provide these services for the lump sum fees as follows:

- 1. **Topographic Survey:** \$ 10,880.63
- 2. **SUE Utility Designation Survey:** \$ 11,990.33

All work will be performed in accordance with the standards of practice outlined in Chapter 5J-17 of the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

I have attached our standard "General Contract, Provisions and Conditions" as part of this agreement. To accept this proposal, please sign where indicated below and return a copy of this document as your acceptance of this agreement and our authorization to proceed.

If you have any questions or comments, please do not hesitate to contact me at 941-748-4693. I look forward to working with you on this project.

Sincerely,

HYATT SURVEY SERVICES, INC.

Pamela A. Hyatt

Pamela A. Hyatt, P.S.M.

President

Accepted by: **AVCON, INC.**

Sign here: _____ Date: _____

Print name here: _____



Exhibit "A" – Survey Limits:

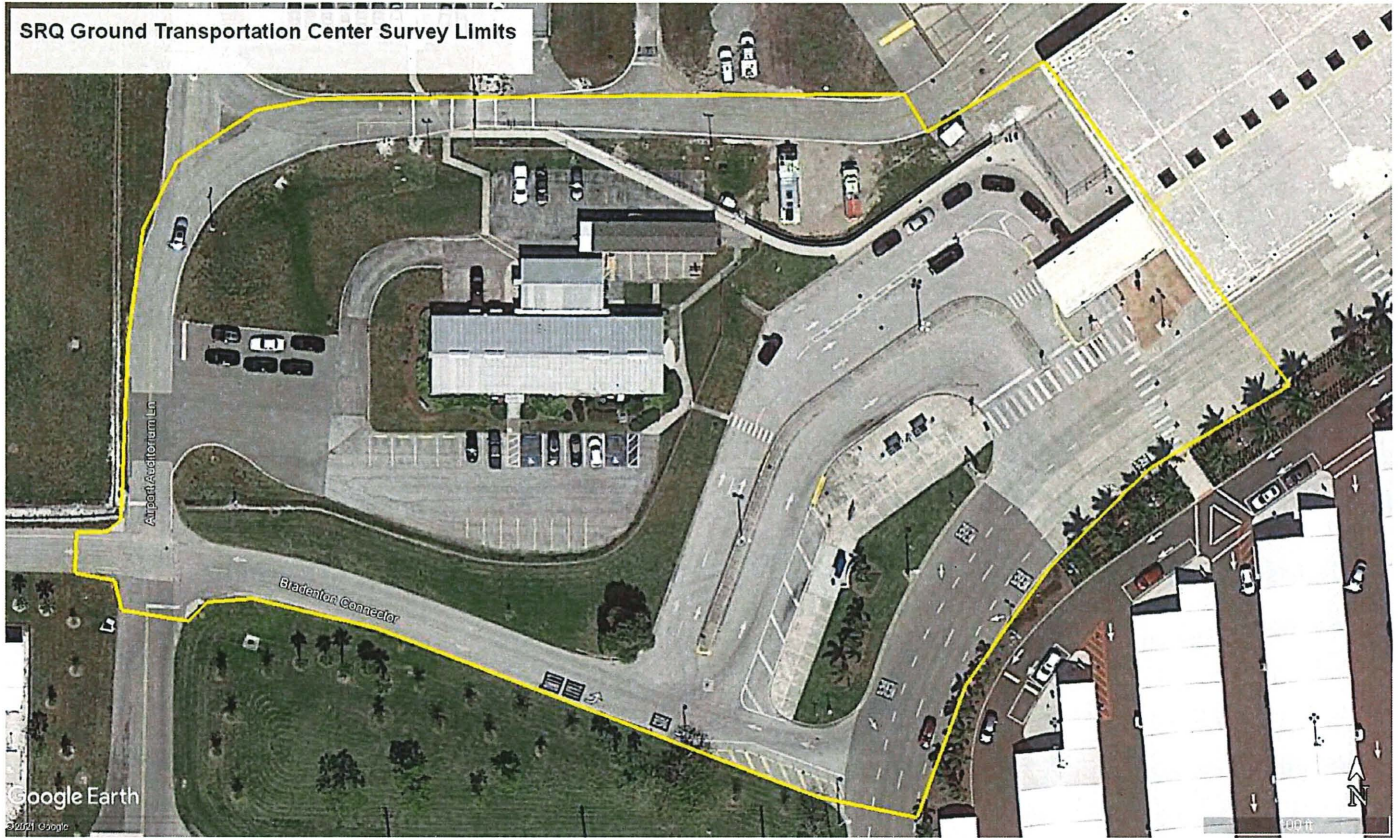




Exhibit "A" – Fee Schedule:

Project Fee Proposal - Hyatt Survey - Fee Detail Sheet								
Ground Transportation Center								
Sarasota Bradenton International Airport								
3/3/2021								
Scope/Task	Principle / PSM	Sr. Project Manager / PSM	PSM / Project Manager	Survey Technician / CADD	Admin	2 Man Survey Crew	3 Man Survey Crew	Total
Surveying & Mapping: HYATT SURVEY SERVICES	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Task 1 - Topographic Survey								
1.1 Topographic Survey within survey limits:	0	1	4	32	1	43	0	81
								0
Subtotal Hours	-	1.00	4.00	32.00	1.00	43.00	-	81
Rate	\$ 256.70	\$ 207.25	\$ 146.02	\$ 113.89	\$ 45.56	\$ 148.82	\$ 184.76	
Subtotal Direct Labor	\$ -	\$ 207.25	\$ 584.08	\$ 3,644.48	\$ 45.56	\$ 6,399.26	\$ -	\$ 10,880.63
Subtotal Burdened Labor @		0.00						\$ -
Task 2 - SUE Survey								
2.1 SUE Survey within survey limits:	0	2	12	17		53	0	84
								0
Subtotal Hours	-	2.00	12.00	17.00	-	53.00	-	84
Rate	\$ 256.70	\$ 207.25	\$ 146.02	\$ 113.89	\$ 45.56	\$ 148.82	\$ 184.76	
Subtotal Direct Labor	\$ -	\$ 414.50	\$ 1,752.24	\$ 1,936.13	\$ -	\$ 7,887.46	\$ -	\$ 11,990.33
Subtotal Burdened Labor @		0.00						\$ -



ATTACHMENT "A"
GENERAL CONTRACT
Provisions & Conditions

Services to be rendered under this Contract Agreement (Agreement) between Hyatt Survey Services, Inc. (Hyatt Survey) and the Client are based upon those provisions as set forth in the original proposal letter (Proposal) and are included together with and made part of this Agreement. The Proposal and these General Contract Provisions & Conditions represent the entire understanding between the Client and Hyatt Survey. Any modifications in the terms of this Agreement must be executed in writing and accepted by both parties involved.

A. Description of Services:

1. The Basic Services to be performed under this contract are limited to those "Scope of Services" items as specifically stated on the attached proposal and no others.
2. Any Additional Services requested after the commencement date of this project shall be considered as Additional Services to the Basic Services. All additional Services shall be subject to additional compensation either at Hyatt Survey's current hourly rate schedule or at a rate as agreed to by both Hyatt Survey and the Client.

B. Standard Provisions:

1. The Proposal is valid for a period of thirty (30) days from the date thereon. All hourly rates quoted are subject to revision quarterly, unless otherwise agreed upon by both parties.
2. Hyatt Survey shall carry and maintain worker's compensation, general liability, professional liability and comprehensive automobile liability insurances for the period of this contract. Proof of insurance will be furnished upon request. Coverage requested above the established company limits may be available upon agreement for reimbursement for additional expenses by the Client.
3. Payments to Hyatt Survey are the sole responsibility of the signatory of the Agreement and are not subject to any third party compensation condition or agreement. Invoices are rendered as agreed upon, but not to exceed monthly, and are deemed due and payable upon receipt. Outstanding invoices over thirty (30) days past due from the date on the invoices are deemed "past due" and subject to a finance charge of 1 ½ percent per month. Invoice payments must be kept current and are not to exceed 30 days. After this 30 days all work may be subject to suspension, unless otherwise agreed upon by both parties.
4. Either the Client or Hyatt Survey may, with seven (7) days written notice, terminate this agreement, if the other party fails to perform under the terms of this contract. If termination of the project is through no fault of Hyatt Survey, Hyatt Survey will be compensated for all services performed to date, including all reimbursable expenses along with a 10% "Termination Expense Assessment" of all remaining unbilled project fees per this agreement. Additional project mobilization or start up fees may be added to any fee remaining after termination of a project, if the project is reactivated after a period of ten (10) days.



5. Hyatt Survey's services under this contract do not include participation in any actions of litigation. All expert witness services are to be provided by and compensated for under a separate contract as negotiated and executed by the parties.
6. The Client and Hyatt Survey agree that no warranties, guarantees, representations, or statements of any nature have been relied upon and used as a basis for this agreement, unless contained herein or as may be implied to in Florida Statutes.
7. Hyatt Survey is not responsible for any failure to perform under any conditions which arise from causes beyond Hyatt Survey's reasonable control or which may be caused by any unavoidable or unforeseeable action arising beyond any reasonable Hyatt Survey or Client control.
8. To the fullest extent provided by law, and withstanding any other provision of this Agreement, the total aggregate liability due to any error, omission or other professional negligence shall be limited to a total sum of \$10,000.00 or the fee agreed upon under this Agreement (less any third part costs), whichever is greater.
9. Any errors, omissions or deficiencies on any document issued by Hyatt Survey and observed by the Client or his representative, must be reported only to Hyatt Survey promptly in order to facilitate mitigation of any claimed losses, which may arise or be due.
10. Hyatt Survey shall be entitled to collect it's costs and reasonable attorney's fee incurred in the collection of any fee due Hyatt Survey; including all fees incurred in any litigation resulting from the enforcement of any of the terms of this Agreement.
11. All original documents and files, both digital and hardcopy, resulting from the Agreement are and shall remain the property of Hyatt Survey. Hyatt Survey will furnish six (6) copies of the final product as directed for delivery by the Client. Any reuse or reissue of drawings or documents must be approved by Hyatt Survey and must be limited to the specific purpose stated on the face of the document. The Client will hold Hyatt Survey harmless from all claims arising from unauthorized acts of reissuance or reuse of any document of service in this Agreement.
12. The Client will approve all sub-contracts or sub-consultants prior to engagement by Hyatt Survey on their behalf. Hyatt Survey may act as an Authorized Agent only when both the Client and Hyatt Survey properly execute a written agreement.



April 8, 2021

Avcon, Inc.
5555 E. Michigan Street, Suite 200
Orlando, Florida 32822

Attn: Mr. Rick Baldocchi, P.E.

**RE: Scope for Geotechnical Services and Lead Based Paint and Asbestos Surveys
Sarasota–Bradenton International Airport
Ground Transportation Center Project
Sarasota County, Florida
Tierra Project No: 6511-21-068**

Mr. Baldocchi:

Tierra, Inc. appreciates the opportunity to present the scope herein. This scope is based on information provided and our understanding of the project.

Project Description

The project consists of improvements to the ground transportation center at Sarasota–Bradenton International Airport (SRQ). This proposed scope has been developed to provide subsurface sampling, testing, geotechnical engineering, and laboratory services to support the design. In addition, scopes covering lead based paint and asbestos surveys are included herein.

Based on a review of aerial photography and our previous experience with the airport, we anticipate the project area will be accessible to our drilling equipment following coordination and scheduling. Tierra will perform borings where feasible and perform minor Maintenance of Traffic (MOT) services, if required.

Geotechnical - Scope of Services

Based on our understanding of the project, the following scope of services is anticipated:

1. Mobilize personnel and equipment to the site. Coordinate utility clearances through Sunshine One Call and the airport.
2. Perform a subsurface exploration program consisting of the following:
 - a. Lounge Building – Perform one (1) Standard Penetration Test (SPT) boring within the proposed Lounge building footprint to a depth of 25 feet below grade.
 - b. Canopy Structures – Perform SPT borings within selected canopy foundation locations. Tierra anticipates performing borings on approximately 100-foot intervals along the canopy footprint to depths of 15 feet below grade.
 - c. Pavement Design – Tierra will perform pavement cores in the existing pavement to determine the current pavement sections (thicknesses and type).
3. Measure and record groundwater levels following completion of each boring.
4. Grout and/or backfill all borings to the surface and thoroughly clean work areas of loose debris, soils, mud, etc. Following pavement cores, Tierra will place asphalt patch from the bottom of the existing base course to the pavement surface.

5. Visually classify the samples in accordance with the Unified Soil Classification System (USCS) soil classification system.
6. Conduct laboratory testing on select soil samples to confirm the visual classification and estimate engineering properties.
7. Prepare a geotechnical report signed and sealed by a professional geotechnical engineer that summarizes the course of study pursued, the field data generated, laboratory test results, subsurface conditions encountered and our engineering recommendations in accordance with the scope of services presented herein.

Asbestos and Lead Based Paint Surveys - Scope of Services

Background

Tierra understands a National Emissions Standard for Hazardous Air Pollutants (NESHAP) Asbestos Survey and screening for Lead-Based Paint have been requested prior to the demolition of two structures: 1) the McClure Auditorium building, and 2) the canopy adjacent to the building.

Asbestos Scope of Services

An on-site survey of exposed and accessible building materials within the proposed work areas will be conducted by an EPA AHERA accredited asbestos building inspector. The inspector will list suspect Asbestos Containing Materials (ACMs) and give a detailed description of their locations. If provided, Tierra will review past reports, specifications, drawings, and other documents provided by the Client that would assist in identifying the suspect materials for this project. Samples will be collected according to EPA guidelines, which dictate the number and location of samples to be collected. Tierra will attempt to sample damaged areas and areas that are least visible. The following is a listing of the typical suspect ACMs that may be sampled:

Surfacing	Thermal System Insulation (TSI)	Miscellaneous	Roofing Materials
Fireproofing	Pipe Insulation	Ceiling Tiles	Felt
Acoustical Plaster	Boiler/tank Insulation	Acoustic Tiles	Shingles/Roll
Hardwall Plaster	Breeching Insulation	Blown-in Insulation	Fiberboard
Stucco	Ductwork Insulation	Floor Tile/Mastic	Tar paper
Cementitious Panels	Foil Mastic	Linoleum	Mastic/tar/pitch
Textured Coatings	Duct Mastic	Gypsum wallboard	Soil stacks
Concrete	Attic/Wall Insulation (vermiculite, mineral wool, etc.)	Cement Pipes	Flashing

All building material samples will be analyzed using Polarized Light Microscopy (PLM) according to current EPA regulations. If sampled materials are identified to contain less than 10% asbestos the point count method as specified by EPA NESHAP regulations can be performed at the Client's request.

The inspector will list the type of materials identified and determine the quantity of each material. Some areas may be inaccessible and not all materials can be fully quantified. For those areas,

the inspector will report only the quantity observed and note that there is the possibility that additional materials are located in inaccessible areas.

EPA guidelines require that the condition of the suspect materials observed be noted. The material assessment will involve touching the materials to determine whether the material is friable, and assessing the material in accordance with EPA guidelines.

Roofing:

Roofing materials will be sampled as a part of this project. Roof sampling typically voids a roof warranty. While Tierra is not a qualified roofing contractor, a temporary patch (roofing patch/tape or similar) can be placed over the sample location(s). Tierra recommends roof patchwork, if required, be conducted by qualified personnel. For roofs above 14 feet height, if a hatch/ladder are not present, the client will provide access (ladder, lift, etc.) to the roof if testing is required prior to demolition.

No sampling will be conducted in areas deemed a confined space, or on electrical wiring/components while energized. These will require specialized safety precautions. Tierra will attempt to collect samples from adjacent similar materials. Electrical wiring/components may be assumed ACMs until testing proves otherwise after the equipment has been de-energized with proper safety procedures in place.

A written report will be submitted which includes findings and recommendations. Field sketches (no drafting) showing the sample locations will be provided.

Lead-Based Paint Testing Scope of Services

Under EPA regulations lead-impacted (and other metals) waste generated during demolition and abatement activities is handled as a solid waste or a hazardous waste, depending on the amount and form of the lead. Tierra will obtain representative paint chip samples for analyses of total concentration for lead. The samples will be submitted to a NELAC certified laboratory for total concentrations for lead using EPA Test Method 6010. The following is a partial list of the typical suspect lead-based paint materials that may be sampled: metal canopies, support beams, security bars, pipes, pumps, bollards, handrails, metal girders/frames, fasteners, floors, walls, siding, etc. A written report will be submitted which includes findings and recommendations. Field sketches (no drafting) showing the sample locations will be provided.

Closure

We appreciate the opportunity to offer our services to you. Should you have any questions regarding this proposal, please do not hesitate to contact our office.

Respectfully Submitted,

Scope for Geotechnical Services and Lead Based Paint and Asbestos Surveys
Sarasota-Bradenton International Airport
Ground Transportation Center Project
Sarasota County, Florida
Tierra Project No: 6511-21-068
Page 4 of 4

TIERRA, INC.

A handwritten signature in blue ink that reads "Daniel Ruel". The signature is written in a cursive style with a large, sweeping initial "D".

Daniel R. Ruel, PE
Geotechnical Engineer

A handwritten signature in blue ink that reads "Kevin H. Scott". The signature is written in a cursive style with a large, sweeping initial "K".

Kevin H. Scott, P.E.
Senior Geotechnical Engineer

Item Description	Unit	Unit Price	Quantity	Total
Geotechnical Field Investigation				
612-Geo Mobilization Drill Rig Truck Mount	Each	\$ 350.00	1	\$ 350.00
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$ 700.00		\$ -
610-Geo Mobilization Drill Rig Truck Mount	Each	\$ 3,250.00		\$ -
418-Geo Drill Crew Support Vehicle	Day	\$ 160.00	4	\$ 640.00
619-Geo Mobilization Tri-Pod	Each	\$ 1,250.00		\$ -
419-Geo Drilling Crew 2-Person	Hour	\$ 135.00		\$ -
420-Geo Drilling Crew 3-Person	Hour	\$ 185.00		\$ -
Geo SPT Truck 0-50 Ft	LF	\$ 12.90	175	\$ 2,257.50
Geo SPT Truck 50-100 Ft	LF	\$ 17.00		\$ -
Geo SPT Truck 100-150 Ft	LF	\$ 31.00		\$ -
Geo SPT Truck 150-200 Ft	LF	\$ 39.00		\$ -
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$ 15.20		\$ -
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$ 18.10		\$ -
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$ 32.00		\$ -
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$ 42.00		\$ -
Geo Grout Boreholes- Truck 0-50 Ft	LF	\$ 5.25	175	\$ 918.75
Geo Grout Boreholes- Truck 50-100 Ft	LF	\$ 7.00		\$ -
Geo Grout Boreholes- Truck 100-150 Ft	LF	\$ 10.25		\$ -
Geo Grout Boreholes- Truck 150-200 Ft	LF	\$ 14.00		\$ -
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$ 6.25		\$ -
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$ 8.00		\$ -
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	\$ 13.10		\$ -
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$ 18.00		\$ -
Geo Temp Casing 3" Truck 0-050 Ft	LF	\$ 8.50		\$ -
Geo Temp Casing 3" Truck 50-100 Ft	LF	\$ 10.25		\$ -
Geo Temp Casing 3" Truck 100-150 Ft	LF	\$ 12.25		\$ -
Geo Temp Casing 3" Truck 150-200 Ft	LF	\$ 15.00		\$ -
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$ 10.30		\$ -
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	\$ 14.00		\$ -
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	\$ 17.50		\$ -
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	\$ 22.00		\$ -
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	\$ 10.50	40	\$ 420.00
402-Geo Auger Borings- Track	LF	\$ 12.00		\$ -
432-Geo Field Permeability 0-10 Ft (Open - End Borehole Method)	Each	\$ 290.00		\$ -
Flagman and Barricades 2-Man Crew Own Equipment	Day	\$ 890.00	1	\$ 890.00
Muck Probing Unsuitable Soils 2-Man Crew	Day	\$ 1,080.00		\$ -
450-Geo Piezometer 2" 000-050 Ft	LF	\$ 44.00		\$ -
445-Geo Grouted Monitor Well 2" 000-050 Ft	LF	\$ 6.25		\$ -
Piezometer Permit Cost Actual	Each	\$ 150.00		\$ -
403-Geo Backhoe (Owned)	Day	\$ 600.00		\$ -
416-Geo Dozer (Owned)	Day	\$ 800.00		\$ -
Site Clearing to Access Boring or Test Locations	Hour	\$ 210.00		\$ -
407-Geo Chainsaw (Owned)	Day	\$ 28.00		\$ -
415-Geo Double Ring Infiltration (ASTM D3385)	Each	\$ 525.00		\$ -
434-Geo Ground Penetrating Radar (GPR)	Day	\$ 2,800.00	0.5	\$ 1,400.00

Item Description	Unit	Unit Price	Quantity	Total
Contamination Field Investigation				
418-Geo Drill Crew Support Vehicle	Day	\$ 160.00	2	\$ 320.00
Contamination Test Units				
856-Field Sampling Kit	Each	\$ 75.00	2.00	\$ 150.00
880-RCRA 8 Metals (Method 6010/7471)	Each	\$ 65.00		\$ -
882-RCRA Metals Individual (Method 6010/7471)	Each	\$ 9.00	12.00	\$ 108.00
884-Mercury Individual (Method 6010/7471)	Each	\$ 25.00		\$ -
890-SPLP/TCLP Metals	Each	\$ 198.00	6.00	\$ 1,188.00
892-Asbestos Samples	Each	\$ 15.00	70.00	\$ 1,050.00
Contamination and Technical Support Services				
Chief Scientist	Hour	\$ 155.10	5	\$ 775.50
Senior Project Engineer	Hour	\$ 163.19	5	\$ 815.95
Senior Scientist	Hour	\$ 120.15	16	\$ 1,922.40
Designer	Hour	\$ 96.91		\$ -
Sr Engineering Technician	Hour	\$ 85.17	40	\$ 3,406.80
Geotechnical Technician	Hour	\$ 68.65		\$ -
Secretary/Clerical	Hour	\$ 78.02	1	\$ 78.02
		Total Estimated Fee		\$ 9,814.67