

**ADDENDUM NO. 12  
TO THE AGREEMENT DATED APRIL 18, 2023  
BETWEEN GREATER ORLANDO AVIATION AUTHORITY  
AND AVCON, INC.**

**Project: Gate 241 Design Services for W-S00151 Terminal C Design and Project Oversight Services, Orlando International Airport**

**THIS ADDENDUM** is effective this 13<sup>th</sup> day of February, 2024, by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority"), and **AVCON, INC.** ("Consultant").

**WITNESSETH:**

**WHEREAS**, by Agreement dated April 18, 2023, Authority and Consultant entered into an agreement for Consultant to provide Continuing Civil Engineering Consulting Services; and

**WHEREAS**, under the Agreement, Consultant agreed to perform such additional services for the Authority as are contained in any additional scope of work established by the Authority in any addendum to the Agreement and accepted in writing by the Consultant; and

**WHEREAS**, the Authority and the Consultant desire to enter into this Addendum to the Agreement to provide for additional services to be rendered by the Consultant under the terms of said Agreement.

**NOW, THEREFORE**, in consideration of the premises and the mutual covenants herein contained, the Authority and the Consultant do hereby agree as follows:

1. Consultant shall perform additional services in accordance with the terms of the Agreement and the attached Exhibit "A." Consultant shall be paid for such additional services according to the payment terms set forth in the Agreement.
2. Consultant shall be compensated for such additional services in the **NOT TO EXCEED** amount of **TWENTY-THREE THOUSAND EIGHT HUNDRED FIFTY-FOUR AND NO/100 DOLLARS (\$23,854.00)**, broken down as follows:

<b>Professional Fees:</b>	<b>NTE:</b>	<b>\$22,878.00</b>
<b>Professional Fees:</b>	<b>LS:</b>	<b>\$0.00</b>
<b>Reimbursable Expenses:</b>	<b>NTE:</b>	<b><u>\$976.00</u></b>
<b>Total:</b>		<b>\$23,854.00</b>

3. A. Consultant hereby certifies that it is not on the Scrutinized Companies that Boycott Israel List and is not engaged in a boycott of Israel, as defined in Florida Statutes § 287.135, as amended;

AND

B. (applicable to agreements that may be \$1,000,000 or more) - Consultant hereby certifies that it is: (1) not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as defined in Florida Statutes § 287.135; and (2) not engaged in business operations in Cuba or Syria, as defined in Florida Statutes § 287.135, as amended.

4. Authority may terminate the Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.

In the event the Agreement is for One Million Dollars (\$1,000,000.00) or more, Authority may terminate this Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

5. Except as expressly modified in this Addendum, the Agreement dated April 18, 2023 and all prior addenda will remain in full force and effect.

**IN WITNESS WHEREOF**, the parties hereto by their duly authorized representatives, have executed this Addendum this day of Feb 15, 2024 \_\_\_\_\_.

**GREATER ORLANDO AVIATION AUTHORITY**



By:

box SIGN 4WB8Q9Z1-4PZJ6L27

Max Marble

Sr. Vice President, Capital Programs

Approved as to Form and Legality  
(for the benefit of GOAA only)  
this day of Feb 14, 2024



By: box SIGN

1JBRUK51-4PZJ6L27

**NELSON MULLINS BROAD AND  
CASSEL, Legal Counsel  
Greater Orlando Aviation Authority**

**AVCON, INC.**



By:

box SIGN

4WB779J8-4PZJ6L27

Signature (Duly Authorized Rep.)

**SANDEEP SINGH**

Printed Name

**President**

Title



Orlando International Airport  
One Jeff Fuqua Boulevard  
Orlando, Florida, 32827-4392  
(407) 825-2001

# Memorandum

**To:** Members of the Construction Committee

**From:** Scott Shedek, Vice President of Construction  
(prepared by Ksenia Merck, OAR)

**Date:** February 13, 2024

**Re:** Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for the Gate 241 Design Services for W-S00151 Terminal C Design and Project Oversight Services at Orlando International Airport

Consultant's proposal, dated February 06, 2024, as part of the Terminal C Enhancements Program is to provide the design for Gate 241 including: final planning analysis, modelling, survey, and design concept to modify the layout of widebody aircraft to provide the ability for unrestricted Passenger Boarding Bridge access to the 2L passenger boarding door for the B777, B787 and A350 aircraft.

If approved, these services would be effective the date of Construction Committee approval.

This continuing consultant was selected for this task based on (☒ all that apply):

☒ Experience ☐ Available Personnel ☐ Current Workload  
☒ Expertise ☐ Equitable Distribution ☐ Other: \_\_\_\_\_

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from Line of Credit to be reimbursed by Future General Airport Revenue Bonds. Funding source verified by Malvin Martinez of Construction Finance on 02/07/24 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$22,878.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$976.00
<b>TOTAL</b>	<b>\$23,854.00</b>
AAC – Compliance Review Date	<u>SJ</u> 02/06/24
AAC – Funding Eligibility Review Date	02/07/24



**AVCON, INC.**  
**Engineers & Planners**

5555 E. Michigan St., Suite 200  
Orlando, Florida 32822  
Phone: (407) 599-1122  
Fax: (407) 599-1133  
[www.avconinc.com](http://www.avconinc.com)

February 6, 2024

Ms. Ksenia Merck, AIA  
President  
**K. Merck & Associates, Inc.**  
11316 Terminal C Service Road  
Orlando, Florida 32824

Reference: **Scope of Services and Fee Proposal**  
**Gate 241 Modification for Wide Body Aircraft**  
**PBB Access to 2L Door and**  
**Resolution of Conflict with #1 Engine Nacelle**  
**South Terminal Enhancements**  
**Orlando International Airport**

Dear Ksenia:

As a follow up to our discussions, AVCON has prepared the following scope and fee proposal to provide final planning analysis, modelling, survey, and design concept to modify the layout of widebody aircraft at Gate 241J as part of the STC Terminal Enhancement Program. The purpose of this analysis will be to provide the ability for unrestricted PBB access to the 2L passenger boarding door for the B777, B787 and A350 aircraft with acceptable clearances from the #1 engine nacelle.

Based on our discussions, the ramp area of Gate 241 was established as part of the STC Phase 1 design. Additional modifications to the PBB to accommodate the more routine narrow body operations of JetBlue negated the original design separation between the PBB and the #1 engine nacelle of the above aircraft. It is a known industry concern for the proximity of the PBB and the nacelle, and it has been deemed a priority of the Authority to make these gates full-service without constraints or special operating parameters. AVCON has been addressing a similar issue directly for the Authority and has assisted in validating parking capabilities at other gates.

Gate 241 (and Gate 242) PBB operations have also been impacted by the supplemental installation of Visual Docking Guidance System (VDGS) infrastructure in the ramp area which impacting the full swing capabilities of the PBB. AVCON will survey and insert these facilities into the overall base mapping of the gate areas to update the current as-built condition.

From our initial observations, it appears that options for reconciliation may include additional fixed bridges, realignment of widebody aircraft lead-in lines, reduction in conveyor or stair attachments to the PBB, and other possibilities.

Based on this understanding of roles/responsibilities, AVCON will provide the following scope items to determine the optimal solution (if any) for the unencumbered use of Gate 241 for widebody aircraft:



## **Surveying and Record Documentation**

1. AVCON shall obtain all record data for the gate layouts, markings, PBB foundations, VDGS system;
2. AVCON shall obtain an as-built record of the existing topographic features of the gate 241 area to include the following:
  - a. Survey of all pavement markings for the existing aircraft lead-in and containment, PBB stow box, PBB Tie-down points for Gate 241 and 243 (NB and Jumbo lines);
  - b. Centers of the fuel pits, PBB foundations, VDGS pole and foundation, and other above ground features;
  - c. Verification of PBB pedestal elevation above the apron elevation;
  - d. Locations of building face and VDGS panels (on or offset from centerline);
  - e. Delivery of digital CADD file in State Plane coordinates as a T.I.N file or equal reconciled for used in conjunction with the MCO Airport Layout plan for use as a base map for the validation work.

## **Gate Planning and Operational Validation**

1. Review Subconsultant survey deliverables from On Point Surveying, Inc. to confirm the existing conditions at the gate, including the adjacent pavement markings for aircraft operations and containment lines and incorporate into the base files for the project along with existing record drawing detail sheets from STC Phase 1;
2. Confirm all alignment criteria relative to PBB pedestals and range of service limits, highmast lighting, hydrants, adjacent gate and rear containment lines, and the VDGS system to maintain the self-parking capabilities of the system;
3. Perform AviPlan® modelling of the various aircraft alignments and PBB configurations to determine which, if any, will accommodate the overall design objectives for the ready access to the 2L door without constraints to all widebody aircraft; and
4. Consider potential re-use of existing equipment and infrastructure such as using existing PBB foundations for possible addition of fixed bridges.

## **Concept Design**

5. Coordinate and attend a project initiation/kick-off meeting with KMA, GOAA airline operations staff and others as deemed appropriate. The meeting shall review the project scope and finalize the preliminary design goals and methods. The meeting agenda shall be developed and distributed not less than 48 hours in advance. The minutes from the meeting shall be prepared and distributed to each attendee within 48 hours following the meeting;
6. Prepare formal drawing exhibits for airline operations to share with tenant/users for final consideration of the need for the improvements and the desirability to move forward with one or more options to achieve the planning goals; and
7. Attend two (2) two-hour meetings with GOAA staff and others to review the findings, share the recommendations and obtain direction relative to the final implementation of the work.



## Final Design and Construction

1. Based on the resultant action plan assigned following the concept design, the project may or may not require any further design documentation and construction phase services to accomplish the project recommendations. This proposal does not include any follow-on final design, bid phase or construction phase services.

## Compensation:

The compensation is presented in the attached Exhibit A, Tables C1 through C5 and C9, which provide a detailed breakdown of labor, hourly rates, and average hourly rate for your consideration. AVCON proposes a **Not-to-Exceed Total of Twenty-Three Thousand Eight Hundred Fifty-Four and no/100 dollars (\$23,854.00)** which is broken down by \$22,878 in Fees and \$976 in Expenses. Our proposal includes a 26.3% DBE participation based on the surveys from On Point Surveying, Inc

Thank you for allowing AVCON to serve KMA and the Authority on this important project. If you have any questions regarding the project scope or fee, please feel free to call. We would be pleased to address these issues at your convenience.

Sincerely,

**AVCON, INC.**

A handwritten signature in blue ink that reads "James A. Kriss". The signature is fluid and cursive, with a long horizontal stroke at the end.

James A. Kriss, P.E.  
Sr. Vice President

Enclosures  
Fee Tables  
Project Sketch

Cc: Dan Nickols  
Calvin Palmer



P.O. Box 770931  
Winter Garden, FL 34777  
Phone: 407-989-8102  
[marketing@on-pointsurveying.com](mailto:marketing@on-pointsurveying.com)  
[on-pointsurveying.com](http://on-pointsurveying.com)

January 29, 2024

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

### **Gate 241 Control, Detailed Survey and Extended Survey**

On-Point Surveying, Inc. is proud to bring you our proposal for Professional Land Surveying Services for this project. Our firm is a full-service land surveying company with a combined Professional Surveying and Mapping experience of 32 years, and overall land surveying experience of 60 years.

We pride ourselves on being team players and building positive, lasting relationships with our partners. Our team is comprised of highly motivated and hard-working personnel who have made it our standard to exceed client expectations. We are equipped with the latest technology including robotic instruments and cloud-based systems, which allows us to provide easy and efficient support to our partners and crews on the go and complete submittal documents swiftly.

We truly appreciate the opportunity to provide you this proposal. We hope that you find our proposal both the most cost-effective option and the best fit for your team.

### **PROPOSED SCOPE OF SERVICES**

#### **NTE Surveying Services**

**\$6,270.00**

On Point Surveying, Inc. shall provide surveying services for the Gate 241 pursuant to Survey Scope of Services provided (See "Exhibit C").

#### **Estimated Cost Breakdown**

Exhibit A – Hourly Rates	\$5,294.00
Exhibit B – Equipment Fees	\$976.00

#### **Timelines**

Submittal: 2-3 Weeks from Notice to Proceed.

Thank you for your consideration in adding us to your project team! If you have any questions, we are always available by phone or email.

Thank you,

**Janna M. Rasberry**

Vice President

Phone: 407-989-8103

[operations@on-pointsurveying.com](mailto:operations@on-pointsurveying.com)

Estimating: [marketing@on-pointsurveying.com](mailto:marketing@on-pointsurveying.com)

**On Point Surveying, Inc.**

Project: Gate 241 Control, Detailed Survey and Extended Survey

[illegible]



# EXHIBIT B - EQUIPMENT FEES

## On Point Surveying, Inc.

Equipment	Cost per Crew Hour	Estimated Crew Hours	Estimated Equipment Cost
Survey Truck	\$ 9.00	16.00	\$ 144.00
RTK GPS Unit	\$ 13.00	16.00	\$ 208.00
Static GPS Unit	\$ 9.00	16.00	\$ 144.00
Robotic Instruments	\$ 25.00	16.00	\$ 400.00
Data Collector	\$ 5.00	16.00	\$ 80.00
Total Estimated Equipment Fees	\$ 61.00		\$ 976.00

As of: 1/29/2024



## Exhibit C

DATE

Proj## DP25

Mr. XXXXXX  
XXXXXX Survey  
XXXXXX, Address  
XXXXXX, FL ZIP

**Re: Request for Pricing / Survey Scope of Services**  
**Project Name**  
**Airport Name**

Dear Mr./Ms. XXXXXX,

Please provide us with a cost proposal to complete the work as described in this request and shown on the attached drawing. Your cost will serve as a not-to-exceed price for the work requested.

- ◆ Provide the following survey detail within the limits of "Detailed Survey":
  - Maintain a 25' x 25' [or 50'x 50'] topographic grid within the limits of survey.
  - Locate limits of pavement, fences, lights, brush and tree line, trees located within outer limits of survey, all overhead and underground utilities, and any other physical features encountered.
  - Locate and identify any and all drainage structures including rim and invert elevation, pipe size and type, and direction of flow.
  - Locate and identify all telephone and electrical junction boxes, poles, risers, or transformers.
  - Verify and locate existing property and lease lines listing bearing and distance within the project limits.
  - Locate any other utilities or physical features not specifically listed above (coordination with utility companies may be required).
- ◆ Provide the following survey detail within the limits of "Extended Survey":
  - Maintain a 100' x 100' topographic grid within the limits of survey.
  - All other features should be identical to the "Detailed Survey" (see above).
- ◆ Provide permanent survey benchmark control information and location. Establish a minimum of three (3) permanent benchmarks (4" x 4" concrete monument) for the purpose of control, within the proposed project area. All of the permanent benchmarks shall be located within the limits of extended survey. Existing permanent benchmarks may be utilized if they meet the criteria as specified above. Tie the control points established to the PACS and SACS for the Airport per NOAA.

The PACS and SACS may be used as the permanent control points if close enough to the project and if they are of sufficient quality.

- ◆ Base all data on the latest NAD Florida State Plane grid system for horizontal control and the latest NAVD for vertical control.
- ◆ Provide pavement elevations and rim and invert elevation of drainage structures to the nearest 0.01'. Existing ground elevation shall be to the nearest 0.1'.
- ◆ Produce T.I.N (Triangulated Irregular Network) file for existing ground contours. Point elevations shall include all changes in grade, high points, low points, and top and bottom of bank within the limits of survey.
- ◆ Provide contours at a 0.5' interval within the areas of topography. Provide highlight contours at 1' intervals. All contours shall be labeled and shall reside on the correct layer (see below for further discussion on layer names).
- ◆ Each point should include point number, northing, easting, elevation, and description.
- ◆ Civil 3D point and elevation information shall be submitted in the electronic format (ASCII text, comma separated, space separated, MS Excel file, or equal) as described below:
  - The point number must be numeric, alpha characters are not accepted by the design software used in our company.
  - Point descriptions should be in the form of: brush line, edge of pavement, etc.
  - The file delimiter, separating the file fields shall be either a comma or a space.
  - Provide a list of abbreviated survey description labels used in the point file.
- ◆ Submit digital data in an AutoCAD version 20XX or earlier for Windows drawing format on Windows compatible compact disc. The drawings disk shall contain entities on the appropriate layers. A prototype drawing is available from AVCON as a format for layering and system variables. Do not use any other layers except those created by Civil 3D. All existing features shall be color bylayer, placed on the appropriate NCS Extended system layer, with layer color = 8.
- ◆ The base point and origin for all digital survey data shall be 0,0,0. Do not submit data that has been rotated or translated from its true location in the State Plane System. The survey data will be returned if it has been rotated or translated, cut, or otherwise moved from its original location on Earth.
- ◆ All drawing units shall be in feet for the Florida State Plane zone that they are in (U.S. Survey feet).

- ◆ Provide the Digital Terrain Modeling (DTM) T.I.N. and/or XML files (including feature lines, break lines, fault data, etc.) used to create the contours submitted. The T.I.N. files submitted shall be created using ACAD 20XX Software or earlier. The files submitted shall include, as a minimum, EG.TIN, EG.PNT, EG.DAT (where EG is the surface name). The easiest way is to simply copy the entire project directory after completing the digital reduction process and etransmit it in a zip file or folder.
- ◆ Deliverables include:
  - Minimum three copies of signed and sealed Survey Plans
  - the digital files described herein on CD, web, cloud, or ftp link (use of the provided prototype base file is recommended but not required; copy all subdirectories, folders, and files extracted or copied directly from the Civil 3D project directory in which they were created)
  - AutoCAD 20XX drawings or earlier on CD, web, cloud, or ftp link.
  - one copy of the reduced survey field notes
  - geometry system data - provide a copy of coordinates for all points in printed spreadsheet or electronic spreadsheet format.

As well as the not-to-exceed cost for performing the above services, please also include an estimate for total time to perform the services, with the times for fieldwork and office work indicated separately. In addition, please indicate how soon you can begin the work.

We look forward to working with you on this and other projects. If you have any questions, please contact me at the above number.

Sincerely,

Name  
Title

Enclosures as noted

Rte: \\ file

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-1**  
**SUMMARY OF TOTAL CONTRACT VALUE**

**Gate 241 Modification for Wide Body Aircraft 2L Accessibility**

Phase of Project:	Gate Planning and Operational Validation	Concept Design	Development 60%	Const. Docs. 100%	Bidding & Award	SUBTOTAL	Const. Admin.	Record Documents	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.0 Not to Exceed Reimbursable Fees:	\$17,966	\$4,912	\$0	\$0	\$0	\$22,878	\$0	\$0	\$22,878
3.0 Not to Exceed Reimbursable Expenses:	\$976	\$0	\$0	\$0	\$0	\$976	\$0	\$0	\$976
<b>4.0 TOTAL CONTRACT VALUE:</b>	<b>\$18,942</b>	<b>\$4,912</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,854</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,854</b>

Total Lump Sum Labor Hours:	0	0	0	0	0	0	0	0	0
Total Not to Exceed Reimbursable Labor Hours:	132	28	0	0	0	160	0	0	160
<b>TOTAL LABOR HOURS:</b>	<b>132</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>160</b>
<b>Average Hourly Rate:</b>									<b>\$142.99</b>

Notes:

1. The lump sum cells in Table C-1 are linked to Table C-2 values
2. The Not to Exceed cells in Table C-1 are linked to Table C-4 values
3. The linked cells are based on a maximum of 5 subconsultants; if more than 5 are included enter all values manually.

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-4**  
**SUMMARY OF NOT TO EXCEED REIMBURSABLE FEES AND EXPENSES**

**Gate 241 Modification for Wide Body Aircraft 2L Accessibility**

Phase of Project:	Gate Planning and Operational Validation		Concept Design		Development (60%)		Const. Docs. (100%)		Bidding & Award		Const. Admin.		Record Documents		TOTAL	
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost
<b>Consultant - AVCON, Inc.</b>																
Not to Exceed Reimbursable Fee	74	\$12,672	28	\$4,912	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	102	\$17,584
Not to Exceed Reimbursable Expenses		\$0												\$0		\$0
<b>Sub-Total Designer</b>	<b>74</b>	<b>\$12,672</b>	<b>28</b>	<b>\$4,912</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>102</b>	<b>\$17,584</b>
<b>On-Point Surveys</b>																
Not to Exceed Reimbursable Fee	58	\$5,294	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	58	\$5,294
Not to Exceed Reimbursable Expenses		\$976		\$0										\$0		\$976
<b>Sub-Total Subconsultant No. 1</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>58</b>	<b>\$6,270</b>
<b>Subconsultant No. 2</b>																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses																\$0
<b>Sub-Total Subconsultant No. 2</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
<b>Subconsultant No. 3</b>																
Not to Exceed Reimbursable Fee	0		0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses																\$0
<b>Sub-Total Subconsultant No. 3</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
<b>Subconsultant No. 4</b>																
Not to Exceed Reimbursable Fee			0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses																\$0
<b>Sub-Total Subconsultant No. 4</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
<b>Subconsultant No. 5</b>																
Not to Exceed Reimbursable Fee			0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses																\$0
<b>Sub-Total Subconsultant No. 5</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
<b>Total Not to Exceed Fee:</b>	<b>132</b>	<b>\$17,966</b>	<b>28</b>	<b>\$4,912</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>160</b>	<b>\$23,854</b>
<b>Total Not to Exceed Expenses:</b>		<b>\$976</b>														

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-5**  
**BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE FEES**

**Gate 241 Modification for Wide Body Aircraft 2L Accessibility**

Position:	PRINCIPAL		PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER/DESIGNER		SR. CADD DESIGNER		ADMIN/CLERICAL		TOTAL		
Rate (\$/Hour):	\$284		\$215		\$177		\$128		\$118		\$81		labor hours	Cost	Avg. Hourly Rate
AVCON, Inc.	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost			
<b>Gate Planning and Operational Validation</b>															
1. Obtain all record data for the gate layouts, markings, PBB foundations, VDGS system;	2	\$568	0	\$0	2	\$354	8	\$1,024	0	\$0	0	\$0	12	\$1,946	\$162.17
2. Coordinate with subconsultants to develop scope of services and obtain project surveys for the project.	0	\$0	4	\$860	2	\$354	2	\$256	0	\$0	0	\$0	8	\$1,470	\$183.75
3. Validate the immediate study area with topographical surveys to confirm the existing conditions at the gate, including the adjacent pavement markings for aircraft operations and containment lines;	2	\$568	0	\$0	4	\$708	8	\$1,024	0	\$0	0	\$0	14	\$2,300	\$164.29
4. Perform AviPlan® modelling of the various aircraft alignment and PBB configurations to determine which, if any, will accommodate the overall design objectives – initially for the ready access to the 2L door without constraints, and secondarily the option for dual PBB access to one or all widebody aircraft;	0	\$0	0	\$0	2	\$354	8	\$1,024	0	\$0	0	\$0	10	\$1,378	\$137.80
5. Review Subconsultants deliverables and incorporate into the base files for the project along with existing record drawing detail sheets from STC Phase 1;	0	\$0	0	\$0	2	\$354	2	\$256	0	\$0	0	\$0	4	\$610	\$152.50
6. Confirm all alignment criteria relative to PBB pedestals and range of service limits, highmast lighting, hydrants, adjacent gate and rear containment lines, and further access to the VDGS system to maintain the self-parking capabilities of the system; and	4	\$1,136	0	\$0	4	\$708	8	\$1,024	0	\$0	0	\$0	16	\$2,868	\$179.25
7. Consider potential re-use of existing equipment and infrastructure such as using existing PBB foundations for possible addition of fixed bridges.	4	\$1,136	0	\$0	4	\$708	2	\$256	0	\$0	0	\$0	10	\$2,100	\$210.00
<b>Sub-Total Gate Planning and Operational Validation</b>	12	\$3,408	4	\$860	20	\$3,540	38	\$4,864	0	\$0	0	\$0	74	\$12,672	\$171.24
<b>Concept Design</b>															
1. Coordinate and attend a project initiation/kick-off TEAMS meeting with KMA, GOAA airline operations staff and others as deemed appropriate. The meeting shall review the project scope and finalize the preliminary design goals and methods. The meeting agenda shall be developed and distributed not less than 48 hours in advance. The minutes from the meeting shall be prepared and distributed to each attendee within 48 hours following the meeting;	2	\$568	0	\$0	2	\$354	2	\$256	0	\$0	0	\$0	6	\$1,178	\$196.33
2. Prepare formal drawing exhibits for airline operations to share with tenant/users for final consideration of the need for the improvements and the desirability to move forward with one or more options to achieve the planning goals; and	0	\$0	0	\$0	2	\$354	8	\$1,024	0	\$0	0	\$0	10	\$1,378	\$137.80
3. Attend two (2) two-hour meetings with GOAA staff and others to review the findings, share the recommendations and obtain direction relative to the final implementation of the work.	4	\$1,136	0	\$0	4	\$708	4	\$512	0	\$0	0	\$0	12	\$2,356	\$196.33
<b>Sub-Total Concept Design</b>	6	\$1,704	0	\$0	8	\$1,416	14	\$1,792	0	\$0	0	\$0	28	\$4,912	\$175.43
<b>Design Development (60%)</b>															
<b>Sub-Total Design Development (60%)</b>	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>Construction Documents (100%)</b>															
Not Used															\$0.00
<b>Sub-Total Construction Documents (100%)</b>	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>Bidding and Award - (Continuing Contractors)</b>															
Not Used															\$0.00
<b>Sub-Total Bidding and Award</b>	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>Construction Administration</b>															
Not Used	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>Sub-Total Construction Administration</b>	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>Project Closeout</b>															
Not Used	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>Sub-Total Closeout</b>	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>TOTAL NOT-TO-EXCEED REIMBURSABLE FEE:</b>	18	\$5,112	4	\$860	28	\$4,956	52	\$6,656	0	\$0	0	\$0	102	\$17,584	\$172.39

**NOTES:**

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of it's services to be compensated on a not to exceed reimbursable basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-5**  
**BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE FEES**

Gate 241 Modification for Wide Body Aircraft 2L Accessibility

Position:	PRINCIPAL		PROJECT MANAGER		ASSISTANT PROJECT MANAGER		SR. CADD TECHNICIAN		SR. CREW CHIEF		JR. SURVEY CREW		TOTAL		
Rate (\$/Hour):	\$259		\$131		\$78		\$69		\$64		\$55				Avg. Hourly Rate
On-Point Surveys	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	
Limited Topo Surveys															
Project Topo Surveys - Gate 241 and 243	2	\$518	16	\$2,096	0	\$0	24	\$1,656	16	\$1,024	0	\$0	58	\$5,294	\$91.28
Sub-Total Gate Planning Topo Surveys	2	\$518	16	\$2,096	0	\$0	24	\$1,656	16	\$1,024	0	\$0	58	\$5,294	\$91.28
Concept Design															
Sub-Total Concept Design	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Design Development (60%)															
Sub-Total Design Development (60%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Construction Documents (100%)															
Not Used															\$0.00
Sub-Total Construction Documents (100%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Bidding and Award - (Continuing Contractors)															
Not Used															\$0.00
Sub-Total Bidding and Award	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Construction Administration															
Not Used	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Sub-Total Construction Administration	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Project Closeout															
Not Used	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
<b>TOTAL NOT-TO-EXCEED REIMBURSABLE FEE:</b>	<b>2</b>	<b>\$518</b>	<b>16</b>	<b>\$2,096</b>	<b>0</b>	<b>\$0</b>	<b>24</b>	<b>\$1,656</b>	<b>16</b>	<b>\$1,024</b>	<b>0</b>	<b>\$0</b>	<b>58</b>	<b>\$5,294</b>	<b>\$91.28</b>

**NOTES:**

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of it's services to be compensated on a not to exceed reimbursable basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.



**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-6**  
**BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE EXPENSES**

<b>Gate 241 Modification for Wide Body Aircraft 2L Accessibility</b>						
<b>Project Closeout</b>						
<b>EQUIPMENT</b>	<b>COST PER CREW HOUR</b>		<b>ESTIMATED CREW HOURS</b>		<b>ESTIMATED EQUIPMENT COST</b>	
SURVEY TRUCK	\$ 9.00 /hour		16 hour		\$ 144.00	
RTK GPS UNIT	\$ 13.00 /hour		16 hour		\$ 208.00	
STATIC GPS UNIT	\$ 9.00 /hour		16 hour		\$ 144.00	
ROBOTIC INSTRUMENTS	\$ 25.00 /hour		16 hour		\$ 400.00	
DATA COLLECTOR	\$ 5.00 /hour		16 hour		\$ 80.00	
<b>Sub-Total Equipment Costs</b>					<b>\$ 976.00</b>	
<b>TOTAL NOT-TO-EXCEED REIMBURSABLE EXPENSE</b>					<b>\$ 976.00</b>	

**NOTES:**

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of it's services to be compensated on a not to exceed reimbursable basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-7a, C-7b and C-7c**  
**PARTICIPATION SCHEDULES**

**Gate 241 Modification for Wide Body Aircraft 2L Accessibility**

**TABLE C-7a DBE PARTICIPATION SCHEDULE**

NAME OF SUBCONSULTANT	ADDRESS	DBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
On-Point Surveying	Winter Garden, FL	DBE	Project Topographic Surveys	\$6,270.00	26.3%
Subconsultant No. 2					
Subconsultant No. 3					
Subconsultant No. 4					
Subconsultant No. 5					
TOTAL PROPOSED PARTICIPATION				\$6,270.00	26.3%

**TABLE C-7b MWBE PARTICIPATION SCHEDULE**

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Subconsultant No. 1					
Subconsultant No. 2					
Subconsultant No. 3					
Subconsultant No. 4					
Subconsultant No. 5					
TOTAL PROPOSED PARTICIPATION				\$0.00	0.0%

**TABLE C-7c LDB PARTICIPATION SCHEDULE**

NAME OF FIRM	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Subconsultant No. 1					
Subconsultant No. 2					
Subconsultant No. 3					
Subconsultant No. 4					
Subconsultant No. 5					
TOTAL PROPOSED PARTICIPATION				\$0.00	0.0%

\$ 23,854.00

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-9**  
**CONTRACT HOURLY RATES**

**Gate 241 Modification for Wide Body Aircraft 2L Accessibility**

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

FIRM	POSITION	CONTRACT HOURLY RATE
AVCON (FY 2024)	PRINCIPAL	\$ 284.00
AVCON (FY 2024)	PROJECT MANAGER	\$ 215.00
AVCON (FY 2024)	SENIOR ENGINEER	\$ 177.00
AVCON (FY 2024)	PROJECT ENGINEER/DESIGNER	\$ 128.00
AVCON (FY 2024)	SR. CADD DESIGNER	\$ 118.00
AVCON (FY 2024)	ADMIN/CLERICAL	\$ 81.00



**AVCON, INC.**  
**Engineers & Planners**

5555 E. Michigan St., Suite 200  
Orlando, Florida 32822  
Phone: (407) 599-1122  
Fax: (407) 599-1133  
[www.avconinc.com](http://www.avconinc.com)

January 19, 2024

Ms. Ksenia Merck, AIA  
President  
**K. Merck & Associates, Inc.**  
11316 Terminal C Service Road  
Orlando, Florida 32824

Reference: **TRUTH IN NEGOTIATION CERTIFICATION**  
**Gate 241 Modification for Wide Body Aircraft**  
**PBB Access to 2L and Consideration of Dual PBB Access**  
**Orlando International Airport**

Dear Ksenia:

AVCON hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

AVCON further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Certified:

**AVCON, INC.**

A handwritten signature in blue ink that reads "James A. Kriss". The signature is fluid and cursive, with the first name being the most prominent.

James A. Kriss, P.E.  
Sr. Vice President

Date: January 19, 2024

## **MEMORANDUM**

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** February 13, 2024

**RE:** Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for the Gate 241 Design Services for W-S00151 Terminal C Design and Project Oversight Services at Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that AVCON, Inc. proposes 26% MWBE participation on this addendum.

Our analysis indicates that AVCON, Inc. is eligible for award of the subject addendum.

**MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS****PLEASE COMPLETE THIS FORM**

This form should be used to report Construction and Engineering /Professional Services activities.

Name of Airport: Orlando International Airport

Telephone No: (407) 825-7179

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for the Gate 241 Design Services for W-500151 Terminal C Design and Project Oversight Services at Orlando International Airport

**1. Construction Information:**

Addendum Amount: \_\_\_\_\_

**2. MWBE Goal by Group Representation:**

Asian Pacific American	_____	Actual Result	_____
Asian Subcontinent American	_____	Actual Result	_____
Black American	_____	Actual Result	_____
Caucasian Female American	_____	Actual Result	_____
Hispanic American	_____	Actual Result	_____
Native American	_____	Actual Result	_____
Other	_____	Actual Result	_____
<b>Total MWBE Participation</b>	<b>-</b>	<b>Actual Result</b>	_____

**3.a. Prime Contractor Information:**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_

**3.b. Name and Address of MWBE Subcontractor**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_

**3.c. \*Identity:**

Work Item(s): \_\_\_\_\_  
Amount of Subcontract \_\_\_\_\_  
Percent of Prime Contract (%): \_\_\_\_\_

**4. Engineering/Professional Services Information:**

Addendum Amount: \$23,854.00

**5. MWBE Goal by Group Representation:**

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	-	Actual Result	0%
Caucasian Female American	-	Actual Result	0%
Hispanic American	6,270.00	Actual Result	26%
Native American	-	Actual Result	0%
Other	-	Actual Result	0%
<b>Total MWBE Participation</b>	<b>6,270.00</b>	<b>Actual Result</b>	<b>26%</b>

**6.b. Engineering / Professional Service Firm Information:**

Name: AVCON, Inc.  
Address: 5555 E. Michigan Street, Suite 200  
City, State, Zip: Orlando, FL 32822  
Telephone: (407) 599-1122

**6.b. Name and Address of MWBE Subconsultant**

Name: On Point Surveying, Inc.  
Address: P O BOX 770931  
City, State, Zip: Winter Garden, FL 34777  
Telephone: 407-989-8102

**6.c. \*Identity:**

Hispanic American  
Work Item(s): Surveying Services  
Amount of Subcontract \$6,270.00  
Percent of Prime Contract (%): 26%

\* In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)