



# AVCON Capital Improvements Update

## Tri-County Airport

### June 8, 2021



Prepared by: AVCON, INC.

#### ONGOING PROJECTS:

##### T.O. 01—Airport Master Plan:

FAA & FDOT indicated preliminary approval, respectively. However, the FAA is now requesting additional information regarding the conservation easements on airport property. FAA wants documentation that the easement areas are not more of a wildlife attractant than the surrounding parcels. FDOT-3 has provided a discretionary/additional grant (PTGA 449204-1) for the airport to complete a Wildlife Hazard Site Visit (WHSV) and Wildlife Hazard Management Plan (WHMP) per Task Order 10 below.

An obstruction removal project in FDOT work program for FY2021-2022 will address removing obstructions identified in the ALP and help facilitate opening runways to instrument approaches.

##### T.O. 05—Stormwater Master Plan Study

Final report submitted to FDOT at the end of March. Grant close-out in progress

##### T.O. 09—Terminal Access & Security Improvements

Project improves public access to terminal building while maintaining necessary security measures and consists of driveway/signage/lighting improvements, fence/gate modifications, and access improvements. 90% design drawings, specifications, and cost estimate are currently being developed. Relocation of the existing drainfield anticipated; Jackie Parker to provide details.

##### T.O. 10—Wildlife Hazard Management Program

TCAA Resolution 21-02 authorized the Chair to execute PTGA 449204-1. Field observations by Environmental Resource Solutions (ERS) are anticipated to start week of June 14.

**ACTION ITEM → Execute Task Order 10 (copy attached) to authorize Wildlife Hazard Management Program as requested by FAA as condition of Airport Layout Plan approval.**

#### PENDING PROJECTS:

Signed Resolution was sent to FDOT requesting to revise the FDOT Work Program for FY2021-2022 to the four projects below:

	<u>FDOT</u>	<u>FAA</u>
✓ Height Zoning Ordinance Development	\$100,000	
✓ Obstruction Removal	\$125,000	
✓ Infield Stormwater Improvements	\$300,000	
✓ Airport Electrical Vault Replacement	<u>\$225,000</u>	<u>\$450,000</u>
<b>Total Grant Funding:</b>	<b>\$750,000</b>	<b>\$450,000</b>

Runway Safety Area (RSA) deficiencies have been identified by FDOT in their latest inspection. Because the RSA deficiencies are largely a result of stormwater runoff, coordination with FDOT-3 will determine eligibility of using a portion of the stormwater improvement funds to address these RSA improvements. Additional funds for RSA improvements may be requested on FY2023.

**END REPORT**

**TASK ORDER 10**  
**AIRPORT WILDLIFE HAZARD MANAGEMENT PROGRAM**

Tri-County Airport, Bonifay, Florida

June 8, 2021

Task Order No. 10

AVCON No. 2021.0268.01

**AVCON, INC.**, a Florida Corporation (hereinafter "Consultant") agrees to perform and complete the following services (hereinafter "Services") for the **Tri-County Airport Authority** (hereinafter "Authority"), in accordance with the terms and conditions of the Agreement for Professional Airport General Consulting Services, dated August 8, 2017, all of which terms and conditions are incorporated herein by reference.

**1. Task Location:** Tri-County Airport (IJO), Bonifay, Florida

**2. Task Name:** Airport Wildlife Hazard Management Program

**3. Scope of Services:** The Consultant shall perform professional services as specified in **Exhibit A** attached hereto (4 pages) and dated April 30, 2021. The services shall include general coordination with the Tri-County Airport Authority, FDOT, and FAA. The services shall also include project administration tasks, including grant management, subconsultant management, invoicing with FDOT project status reports, and related administrative tasks.

**4. Compensation:** The scope of services identified in Section 3 above shall be compensated on a Lump Sum basis as derived in Exhibit B attached hereto (1 page). The Lump Sum fee shall be Thirty-One Thousand, One Hundred Sixty and 00/100 dollars (\$31,160.00 LS) derived as follows:

Wildlife Hazard Site Visit Services	\$ 17,340.00
<u>Wildlife Hazard Site Visit Services</u>	<u>\$ 13,820.00</u>
Total	\$31,160.00

Funding for these services is anticipated to be provided 100% by FDOT.

**5. Schedule:** The services shall be provided in a reasonable timeframe as mutually agreed to by the Tri-County Airport Authority, the Florida Department of Transportation, and the Consultant.

**6. Deliverables:** Deliverables shall be provided in accordance with the deliverables specified in **Exhibit A** attached hereto.

**Task Order No. 10: Airport Wildlife Hazard Management Program**

**June 8, 2021**

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**7. Other Considerations:**

Authority project representative shall be Mr. Jack Locke, unless otherwise designated. Consultant project representative shall be Mr. Lee Lewis, P.E., unless otherwise designated.

SES Energy Services LLC, dba Environmental Resource Solutions (ERS), is a qualified airport wildlife resource authorized to serve as a subconsultant for the services required.

All services provided shall remain subject to FDOT approval prior to payment.

Accepted by:

**Tri-County Airport Authority**

Accepted by:

**AVCON, INC.**

By: \_\_\_\_\_

Printed Name: Jack Locke

Title: Chairman

Date: June 8, 2021

By: \_\_\_\_\_

Printed Name: Virgil C. "Lee" Lewis, P.E.

Title: Vice President



30 April 2021

Mr. Lee Lewis  
Regional Manager  
AVCON, INC.  
320 Bayshore Drive, Suite A  
Niceville, Florida 32578

**RE: Tri-County Airport – Wildlife Hazard Site Visit and Wildlife Hazard Management Plan  
Holmes County, Florida  
Proposal/Contract for Services  
ERS Proposal No. P21153**

Dear Mr. Lewis:

Environmental Resource Solutions (ERS), a division of SES Energy Services LLC, is pleased to provide you with this proposal/contract for wildlife hazard management assistance at the Tri-County Airport (1J0) located in Holmes County, Florida. This proposal addresses the completion of a Wildlife Hazard Site Visit (WHSV), and the development of a Wildlife Hazard Management Plan (WHMP). The WHSV and WHMP will be completed by Federal Aviation Administration (FAA) Qualified Airport Wildlife Biologists. During the site visit, ERS biologists will focus additional efforts documenting potential wildlife hazard attractants located within the boundary of conservation easements located within airport-owned property.

We look forward to working with you on this project. Please feel free to contact me with any questions.

Sincerely,

**ENVIRONMENTAL RESOURCE SOLUTIONS**  
***A Division of SES Energy Services LLC***

Walt Esser  
Senior Environmental Scientist/FAA Qualified Airport Biologist

Attachment: Proposal/Contract for Services  
General Terms and Conditions

woe/P21153\_tri-county

**PROPOSAL/CONTRACT**

**Prepared for:**

**Mr. Lee Lewis**

**Regional Manager**

**AVCON, INC.**

**320 Bayshore Drive, Suite A**

**Niceville, Florida 32578**

**30 April 2021**

**RE: Tri-County Airport – Wildlife Hazard Site Visit and Wildlife Hazard Management Plan  
Holmes County, Florida  
Proposal/Contract for Services  
ERS Proposal No. P21153**

*Scope of Services*

**Task 1 – Wildlife Hazard Site Visit (WHSV).** ERS will conduct a WHSV per guidelines in FAA AC 150/5200-38. Prior to initiating the field work, ERS will thoroughly review the current FAA National Wildlife Strike Database Records and any additional information known about wildlife on or near the airport. During the WHSV, ERS will conduct an interviews/meeting with 1J0 staff to gather airport specific information and review the existing wildlife procedures.

Over a four-day period, ERS will conduct daily surveys during dawn, midday, and dusk, and conduct nighttime spotlight surveys. ERS biologists will also extensively document wildlife hazards within the conservation easement areas located on airport-owned property. Dawn, midday, and dusk surveys will be conducted at approximately 10-15 fixed-points on or near the air operations area (AOA). Survey points will be located to provide complete visual coverage of the AOA, generally observe arrival and departure corridors, and to view known wildlife attractants within 10,000-feet of the AOA. Night surveys will be conducted with a spotlight approximately 1 hour past sunset within the AOA. Recorded wildlife data will include species, number, grid-based location, observed activity, type of habitat used, and time and date of observation. ERS will also conduct (as accessible) a qualitative review of potential wildlife attractants within a 5-mile area of the AOA. During the surveys, signs of wildlife such as scat, tracks, and other evidence will be recorded if observed and included in the data analysis. All observed wildlife attractants will be noted.

ERS will develop a draft report for review by the airport staff. The draft report will include a detailed listing of wildlife species observed, analysis of data collected (included pie charts, bar charts, and tables as needed), and wildlife attractants. The report will also include recommendations to reduce wildlife strike risks at 1J0. Recommendations include both passive and active management techniques. The WHSV report will contribute to the development of a WHMP. ERS will incorporate comments from airport staff and develop a Final WHSV report for 1J0.

**Task 1 Fixed Fee..... \$11,500.00**

This fee includes all expenses and materials for the proposed services.

**Task 2 – Wildlife Hazard Management Plan (WHMP).** ERS will work with the staff of 1J0 to develop a Wildlife Hazard Management Plan (WHMP). The WHMP will be based on the recommendations provided in the WHSV completed by ERS at 1J0. The WHMP is a concise document that includes the following required components pursuant to the guidelines in 14 CFR 139.337 (f). Although 1J0 is not a commercial service airport at this time, standards for general aviation airports are not provided by the FAA, therefore the standards outlined in 14 CFR 139.337(f) are used:

*(f) The plan must include at least the following:*

*(1) A list of the individuals having authority and responsibility for implementing each aspect of the plan.*

*(2) A list prioritizing the following actions identified in the wildlife hazard assessment and target dates for their initiation and completion:*

*(i) Wildlife population management;*

*(ii) Habitat modification; and*

*(iii) Land use changes.*

*(3) Requirements for and, where applicable, copies of local, State, and Federal wildlife control permits.*

*(4) Identification of resources that the certificate holder will provide to implement the plan.*

*(5) Procedures to be followed during air carrier operations [operations at KFYV] that at a minimum includes—*

*(i) Designation of personnel responsible for implementing the procedures;*

*(ii) Provisions to conduct physical inspections of the aircraft movement areas and other areas critical to successfully manage known wildlife hazards before air carrier operations begin;*

*(iii) Wildlife hazard control measures; and*

*(iv) Ways to communicate effectively between personnel conducting wildlife control or observing wildlife hazards and the air traffic control tower.*

*(6) Procedures to review and evaluate the wildlife hazard management plan every 12 consecutive months or following an event described in paragraphs (b)(1), (b)(2), and (b)(3) of this section, including:*

*(i) The plan's effectiveness in dealing with known wildlife hazards on and in the airport's vicinity and*

*(ii) Aspects of the wildlife hazards described in the wildlife hazard assessment that should be reevaluated.*

*(7) A training program conducted by a qualified wildlife damage management biologist to provide airport personnel with the knowledge and skills needed to successfully carry out the wildlife hazard management plan required by paragraph (d) of this section.*

A Draft WHMP document (digital copy) will be provided to 1J0 staff for review and comment. ERS will address airport comments and provide a Final WHMP (digital and print copies) to 1J0 for submittal to the Florida of Transportation and/or the FAA. ERS will assist airport staff in addressing comments from the agencies and revise the document as necessary.

**Task 2 Fixed Fee.....\$9,500.00**

**Meetings/Consultation.** Any requested meetings or consultation that are beyond the scope of services as described above will be invoiced on a time and materials basis at standard hourly rates.

If this proposal, which incorporates the attached General Terms and Conditions by reference, meets with your approval, please sign below and return a copy to our office as your authorization to proceed. We look forward to working with you.

TERMS ACCEPTED:

For: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed/Typed)

For: **SES Energy Services LLC (ERS Division)**

Date: 30 April 2021

By:  \_\_\_\_\_  
(Signature)

Kim Allerton  
\_\_\_\_\_  
(Printed/Typed)

WOE\_P21153\_4/29/21

Tri-County Airport (1J0)

TCAA Airport Wildlife Hazard Management Program  
AVCON Labor

**EXHIBIT B**  
**(1 page)**

TASK 1	Wildlife Hazard Site Visit (WHSV)	Project Manager Sr. Airport Planner		Project Airport Planner / Engineer		Administration		Total AVCON Labor Hrs.	Total AVCON Labor Cost
		\$/HR:	\$190.00	\$/HR:	\$115.00	\$/HR:	\$45.00		
		Hours	Cost	Hours	Cost	Hours	Cost		
1.1	Subconsultant & Airport Authority Coordination	8	\$1,520	8	\$920		\$0	16	\$ 2,440
1.2	FAA/FDOT Coordination	8	\$1,520		\$0		\$0	8	\$ 1,520
1.3	Administrative: Grant Management, FDOT Reimbursement Support	4	\$760		\$0	4	\$180	8	\$ 940
1.4	Administrative: Subagreements, Invoicing	4	\$760		\$0	4	\$180	8	\$ 940
Total		24	\$4,560	8	\$920	8	\$360	40	\$ 5,840

Task 1: Wildlife Hazard Site Visit			
			TOTAL AVCON COST \$ 5,840
			TOTAL SUBCONSULTANT (ERS) COST \$ 11,500
			TOTAL TASK COST \$ 17,340

TASK 2	Wildlife Hazard Management Plan (WHMP)	Project Manager Sr. Airport Planner		Project Airport Planner / Engineer		Administration		Total AVCON Labor Hrs.	Total AVCON Labor Cost
		\$/HR:	\$190.00	\$/HR:	\$115.00	\$/HR:	\$45.00		
		Hours	Cost	Hours	Cost	Hours	Cost		
2.1	Subconsultant & Airport Authority Coordination	8	\$1,520	8	\$920		\$0	16	\$ 2,440
2.2	FAA/FDOT Coordination	4	\$760		\$0		\$0	4	\$ 760
2.3	Administrative: Grant Management, FDOT Reimbursement Support	2	\$380		\$0	4	\$180	6	\$ 560
2.4	Administrative: Subagreements, Invoicing	2	\$380		\$0	4	\$180	6	\$ 560
Total		16	\$3,040	8	\$920	8	\$360	32	\$ 4,320

Task 2: Wildlife Hazard Management Plan			
			TOTAL AVCON COST \$ 4,320
			TOTAL SUBCONSULTANT (ERS) COST \$ 9,500
			TOTAL TASK COST \$ 13,820