

**RUTHERFORD COUNTY AIRPORT (FQD)  
Work Authorization No. 5  
Amendment No. 1**

**Perimeter Fencing  
Design/Bid and Construction Phase Services  
April 28, 2026**

**AIG #36237.20.20.1**

**Contract for Professional Services  
Dated January 26, 2022, Expires January 26, 2027**

**Project Description**

Work authorization No. 5 includes the design/bid and construction phase services for new Perimeter Fencing at the Rutherford County Airport to be provided by W.K. Dickson & Co., LLC d/b/a Ardurra Group North Carolina (ENGINEER). The new fencing shall be 10-foot-high with barbed wire and will include a wildlife skirt as recommended by FAA in the USDA APHIS Wildlife Services Site Visit dated March 28, 2023. The new Perimeter Fencing will span approximately 11,000 linear feet, encompassing the areas of the airfield that currently have no fence and will tie into the existing perimeter fence ends. See attached Exhibit #1. The proposed fencing is also shown on the current ALP, approved on December 17, 2018.

The construction of the perimeter fencing is anticipated to be 180 calendar days and will be funded with AIG funding. It is anticipated that the contractor will complete the punch list items within 14-days of the final inspection. Project closeout will occur after the punch list is completed and is anticipated to be completed within 60-days.

The design produced from work authorization No. 5 included new 10-foot-high perimeter fencing that tied into the existing 6-foot-high fencing around the terminal and hangar area and the construction is currently underway. This amendment includes design changes to remove the existing 6-foot-high fence and replace it with new 10-foot high fence. The layout around the terminal and hangars will also be modified to create a more efficient and open layout to include two new sliding gates with keypads, See Exhibit No. 1. A change order has been prepared for this effort, and the contract time will be extended 120-calendar days for the additional effort. This amendment addresses the effort required to design changes and construction phase services for an additional 120 calendar days.

All costs associated with the proposed transactions are eligible and reimbursable to the Owner under AIG Grants at a ratio of 95% Federal and 5% Local Match. The grants will be created after completion of this work authorization.

Rutherford County Airport  
Perimeter Fencing  
(Design/Bid and Construction Phase Services)  
Work Authorization No. 5, Amendment No. 1



## Scope of Services

### Basic Services

The ENGINEER will provide the general Basic and Special Services listed below and in accordance with Section I & Section II of the General Provisions of the Contract for Professional Services, dated January 26, 2022 (AGREEMENT).

1. **Project Development:** The ENGINEER will provide the following Services:
  - a. Preparation and coordination of work authorization amendment agreement between the OWNER and the ENGINEER to include NCDOA review and concurrence.
  - b. Preparation and submittal of initial grant documents and application forms to include budgets and schedules, coordination of submittal with NCDOA and owner to establish grant set-up for additional AIG funding.
2. **Design / Contract Documents:** The ENGINEER will provide the following Services.
  - a. Revise current design plans/specifications for Perimeter Fencing to replace the existing fencing around the terminal and hangar area in conformance with current FAA Advisory Circular Guidance. It is anticipated that revised design drawings will generally consist of the following elements:
    - i. Demolition Plan
    - ii. Perimeter Fencing Layout Plans
    - iii. Details
3. **Electrical Engineer Assistance:** Design and preparation of electrical drawings and specifications for power supply to the two proposed sliding gates. Electrical design preparation, and construction administration assistance will be provided by Cheatham Associates, as a subconsultant to ENGINEER. These documents will be incorporated into the deliverables prepared by the ENGINEER. See Attachment 'C' for Cheatham Associates Engineering scope.
4. **Construction Administration:** The ENGINEER will conduct the following Construction Administration Services during the added 120-calander day contract time:
  - a. Submit and confirm approval of the 7460 to the added fence replacement work area prior to beginning construction.
  - b. Review and validate Contractor's applications for payment and recommend in writing payments to Contractor in such amounts. Preparation of change orders as required. All change orders shall be approved by NCDOA and the OWNER prior to execution.



- c. Conduct bi-weekly progress meetings and site inspections with the Contractor and stake-holders.

5. **Grant Administration:** The ENGINEER will provide the following Services:

- a. Assist the OWNER with grant document preparation and submittal, complete grant reporting forms & subsequent requests for reimbursement payments, coordinate with NCDOA on behalf of the OWNER. Grant administration tasks will be in accordance with the most current Aviation Checklists on the NCDOA website.

**Deliverables**

The ENGINEER will provide the following project deliverables to the OWNER and NCDOT Division of Aviation:

Design / Pre-Construction

- Electronic copies, in PDF and/or AutoCAD format, of drawings and specifications produced under this contract.
- 7460 submittal and approval
- Sponsor Concurrence
- Revised Construction Drawings

Construction

- Progress Meetings minutes & attendance list as they occur.
- Copies of change orders for review and concurrence.

**Fee Schedule**

The above services shall be provided and billed according to the below Fee Schedule.

Task	Fee			
		WA #5	WA #5 Amend-1	Amended Total
<b>Basic Services</b>				
Project Development	Lump Sum	\$7,122	\$6,804	\$13,926
Design / Contract Documents	Lump Sum	\$15,574	\$7,238	\$22,812
Electrical Engineer Assistance	At Cost		\$10,700	\$10,700
Bidding Assistance	Lump Sum	\$9,359		\$9,359
Construction Administration	Lump Sum	\$59,773	\$36,891	\$96,664
Documented CATEX	Lump Sum	\$6,765		\$6,765
Grant Administration	Lump Sum	\$8,053	\$7,094	\$15,147
Project Close-Out	Lump Sum	\$4,536		\$4,536
<b>Totals</b>		<b>\$111,182</b>	<b>\$68,727</b>	<b>\$179,909</b>

Rutherford County Airport  
 Perimeter Fencing  
 (Design/Bid and Construction Phase Services)  
 Work Authorization No. 5, Amendment No. 1



The total additional fee of all anticipated work and expenses for this amendment is \$68,727 and is summarized in Attachment 'A' and 'B' Manhour Estimate and Direct Expenses. Miscellaneous additional work required but not contained in the above scope of services will be paid for in accordance with the current rate schedule at that time and will be subject to prior approval by the OWNER.

All other provisions of the AGREEMENT shall remain in full force and effect and unmodified other than as noted herein.


**OWNER:**

**Rutherford County Airport Authority**

By: \_\_\_\_\_  
Typed Name: Michael Benfield  
Title: Chairman  
Date: \_\_\_\_\_

**ENGINEER:**

**W.K. Dickson & Co., LLC d/b/a Ardurra  
Group North Carolina**

By:  \_\_\_\_\_  
Typed Name: Brigid Williams  
Title: Group Leader  
Date: 5/1/2026

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

By: \_\_\_\_\_  
Typed Name: Paula Roach  
Title: Finance Director

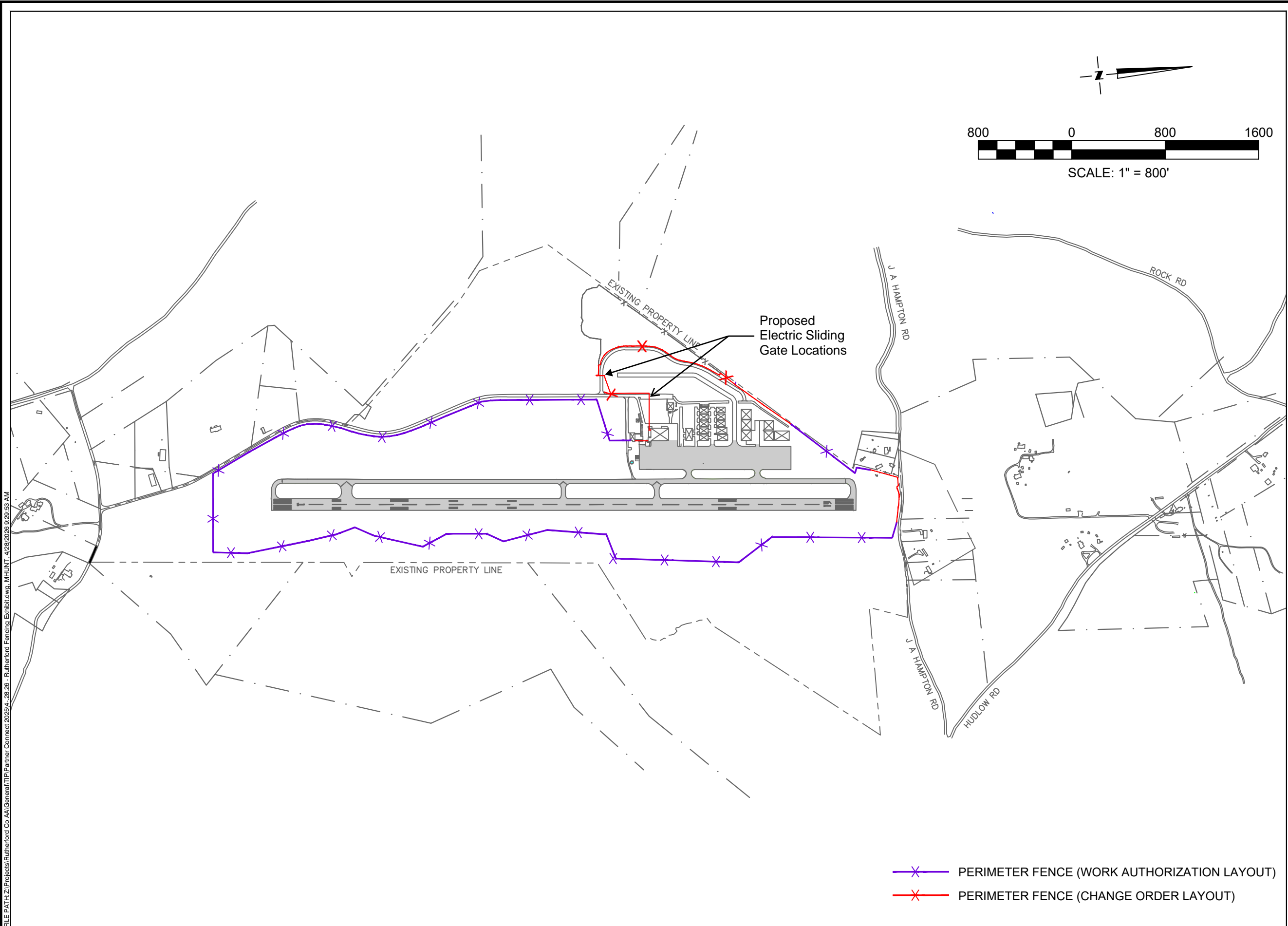
**ATTACHMENTS:**

- Exhibit No. 1 – Work Authorization Schematic
- A: Manhour Summary
- B: Direct Expenses
- C: Subconsultant Proposal, Electrical Engineering



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- x— PERIMETER FENCE (WORK AUTHORIZATION LAYOUT)
- x— PERIMETER FENCE (CHANGE ORDER LAYOUT)

**WK DICKSON**  
community infrastructure consultants

1213 W. MOREHEAD ST.  
SUITE 300  
CHARLOTTE, NC 28208  
(t) 704-334-5348  
(f) 704-334-0078

WWW.WKDICKSON.COM

NC LICENSE NO. F-0374

**PERIMETER FENCE CHANGE ORDER SCHEMATIC**  
FOR THE  
**RUTHERFORD COUNTY AIRPORT (FQD)**  
RUTHERFORDTON, NORTH CAROLINA

PLANNING DOCUMENT - DO NOT USE FOR CONSTRUCTION

PROJECT NAME:

PROJ. MGR.:	GMK
DESIGN BY:	MH
DRAWN BY:	MH
PROJ. DATE:	APRIL 2026
DRAWING NUMBER:	
<b>1 OF 1</b>	
WKD PROJ. NO.:	



**ATTACHMENT 'A'**

**PROJECT DESCRIPTION: WA#5, Amd#1, FQD, Perimeter Fencing (Design/Bid and Construction Phase Services) DATE PREPARED: 05/01/2026**

**PREPARED BY: Greg Kershaw / Ardurra**

TASK NUMBER	PHASE AND TASK DESCRIPTION	Employee Classifications							SUB-TOTAL
		Principal	Sr. Project Manager	Project Manager	Project Engineer	Senior Designer	Designer	Admin.	
a	Project grant administration		24					8	32
									0
	<b>Task Subtotals</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>32</b>
	<b>TOTAL WORKDAYS/CATEGORY:</b>	2.00	183.00	0.00	0.00	34.00	0.00	30.00	249.00
	<b>RATES PER HOUR:</b>	\$117.00	\$81.50	\$75.50	\$68.00	\$55.00	\$53.50	\$37.50	
	<b>PAYROLL BURDEN:</b>	\$234.00	\$14,914.50	\$0.00	\$0.00	\$1,870.00	\$0.00	\$1,125.00	
	<b>TOTAL WORK HOURS:</b>	249.00							
	<b>TOTAL PAYROLL BURDEN:</b>	\$18,143.50							
	<b>GENERAL OVERHEAD @ 182.83%:</b>	\$33,171.76							
	<b>Cost of Capital @ 0.44 %</b>	\$79.83							
	<b>SUBTOTAL:</b>	\$51,395.09							
	<b>COMPARATIVE FEE @ 11%:</b>	\$5,653.46							
	<b>TOTAL:</b>	\$57,048.55							
	<b>DIRECT EXPENSES:</b>	\$978.75							
	<b>PRIME GRAND TOTAL:</b>	\$58,027.30							
	<b>Sub Consultant TOTAL:</b>	\$10,700.00							
	<b>GRAND TOTAL:</b>	<b>\$68,727.30</b>							

- 1. Project Development** \$6,804.00
- 2. Design and Plan Preparation** \$7,238.00
- 3. Electrical Engineer Assistance** \$10,700.00
- 4. Construction Administration** \$36,891.00
- 5. Grant Administration** \$7,094.00

**\$68,727.00**

**ATTACHMENT 'B' - DIRECT EXPENSES**

PROJECT DESCRIPTION: WA#5, Amd#1, FQD, Perimeter Fencing (Design/Bid and Construction Phase Services)

PREPARED BY: Greg Kershaw / Ardurra

DATE PREPARED: 05/01/2026

GENERAL PROJECT	ITEM	QTY	DESCRIPTION		UNIT COST	
Travel:						
<b>1. Project Development</b>						
	Meetings (Roundtrip to Rugherford Airport - FQD)	0 Trip(s) @		150 miles @	\$0.725	\$0.00
	Printing	0 Xerox Copies (8.5"x11")		each @	\$0.14	\$0.00
	Printing	0 Xerox Copies (11"x17")		each @	\$0.34	\$0.00
	Printing	0 Bond (22"x34")		each @	\$0.42	\$0.00
	Postage	0 USPS/UPS postage			\$25.00	\$0.00
			<b>1. Project Development</b>			\$0.00
<b>2. Design and Plan Preparation</b>						
	Meetings (Roundtrip to Rugherford Airport - FQD)	0 Trip(s) @		150 miles @	\$0.725	\$0.00
	Printing	0 Xerox Copies (8.5"x11")		each @	\$0.14	\$0.00
	Printing	0 Xerox Copies (11"x17")		each @	\$0.34	\$0.00
	Printing	0 Bond (22"x34")		each @	\$0.42	\$0.00
	Postage	0 USPS/UPS postage			\$25.00	\$0.00
			<b>2. Design and Plan Preparation</b>			\$0.00
<b>4. Construction Administration</b>						
	Meetings (Roundtrip to Rugherford Airport - FQD)	9 Trip(s) @		150 miles @	\$0.725	\$978.75
	Printing	0 Xerox Copies (8.5"x11")		each @	\$0.14	\$0.00
	Printing	0 Xerox Copies (11"x17")		each @	\$0.34	\$0.00
	Printing	0 Bond (22"x34")		each @	\$0.42	\$0.00
	Postage	0 USPS/UPS postage			\$25.00	\$0.00
			<b>4. Construction Administration</b>			\$978.75
<b>5. Grant Administration</b>						
	Meetings (Roundtrip to Rugherford Airport - FQD)	0 Trip(s) @		150 miles @	\$0.725	\$0.00
	Printing	0 Xerox Copies (8.5"x11")		each @	\$0.14	\$0.00
	Printing	0 Xerox Copies (11"x17")		each @	\$0.34	\$0.00
	Printing	0 Bond (22"x34")		each @	\$0.42	\$0.00
	Postage	0 USPS/UPS postage			\$25.00	\$0.00
			<b>5. Grant Administration</b>			\$0.00

<b>Total</b>	<b>\$978.75</b>
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Subconsultants	Description	Cost
Cheatham and Associates	3. Electrical Engineer Assistance	\$10,700.00
	<b>Subconsultants</b>	<b>\$10,700.00</b>



Cheatham and Associates, P.A.  
Consulting Engineers

April 28, 2026

Greg Kershaw, PE  
Ardurra  
1213 W. Morehead Street, Suite 300  
Charlotte, NC 28208

RE: Rutherford County Airport Fence Gate Operator Power  
Electrical Engineering Fee Proposal

Dear Greg,

Thank you for considering us a resource for this project. Our current understanding of the project criteria, expected tasks, and proposed fee follows.

Project Criteria

- A. Location: Rutherford County Airport, Rutherfordton, North Carolina.
- B. Fence work will required two new powered gate operators.

Information to be Provided to Cheatham & Associates

- A. A copy of Ardurra's Prime Agreement with the Owner.
- B. Owner criteria for the project.
- C. AutoCAD DWG files of the airport site plans with new gate locations for use as backgrounds for our electrical plans.
- D. One copy of bid set drawings, specifications, and project manual.

Tasks

- A. On-going coordination with Ardurra's project team.
- B. Design and prepare electrical drawings and specifications for a review submittal.
  - 1) Evaluate costs for 2 new electrical services for individual gate operator locations versus one service with both operators supplied from the single service.
- C. Respond to review comments, as needed.
- D. Prepare final electrical drawings and specifications, sealed and signed, for construction.
- E. Review submittals and shop drawings.
- F. Respond to contractor RFIs.
- G. Make one site visit for observation of installed electrical work. Prepare an electrical observation report for the visit.

Proposed Fee: \$ 10,700.00 lump sum.

Additional services can be provided as requested.

Greg Kershaw, P.E.  
Rutherford County Airport Fence Gate Operator Power  
April 28, 2026  
Page 2 of 2

The Standard of Care for all professional services performed or furnished by Cheatham and Associates, P.A. (Consultant) under this Proposal will be the skill and care used by members of Consultant's profession practicing under similar circumstances at the same time and in the same locality. Consultant makes no warranties, express or implied, under this Agreement or otherwise in connection with Consultant's services.

Again, thank you for this opportunity. If you have any questions for us or require any discussion, contact me at your convenience.

Sincerely,



Mark A. Ciarrocca, P.E.