

**PROJECT APPLICATION**  
(State Aid for Development of Public Airports)

SCAC No \_\_\_\_\_

Date November 8, 2022

**PART I - PROJECT INFORMATION**

The Lancaster County (herein called the "Sponsor") hereby makes application to the South Carolina Aeronautics Commission (herein designated "SCAC") for a grant of State funds pursuant to applicable statutes, regulations, and policies, for the purpose of aiding in financing a project (herein called the "Project") for the development of the Lancaster County Airport (herein called the "Airport") located in the county of Lancaster in the State of South Carolina.

It is proposed that the project consist of the following described airport development:

Airport Security Camera System (Cameras & DVR): This system is utilized quite often by the Airport Director (both at the Airport, in County meetings, and at home) to monitor the terminal area and serve as proof when enforcing the Airport's rules and regulations that were not followed. Also, the system has proven invaluable before, during, and after an aircraft incident. Unfortunately, the existing system has failed and it is very important that a new system is in place and operational as soon as possible.

all as more particularly described in the plans and specifications separately submitted to SCAC on November 8, 2022, which are made a part hereof by reference.

**PART II - REPRESENTATIONS**

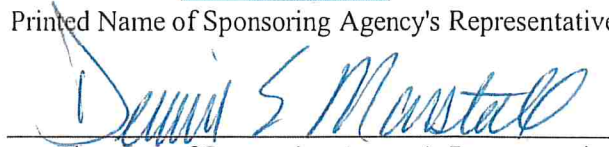
The Sponsor hereby represents and certifies as follows:

1. Legal Authority. The Sponsor has the legal power and authority:
  - (A) To do all things necessary to undertake and carryout the Project in conformity with the applicable statues, regulations, and policies;
  - (B) To accept, receive and disburse grant funds from the State of South Carolina in aid of the project on the terms and conditions stated in the applicable statutes, regulations, policies, and proposed grant agreement, and;
2. Funds. The Sponsor now has on deposit \$13,762.13 for use in defraying the costs of the Project. The present status of these funds is as follows: These funds are in the Lancaster County General Fund.

The Sponsor hereby designates Dennis Marstall, County Administrator to receive payments representing SCAC's share of the Project costs.

Dennis Marstall

Printed Name of Sponsoring Agency's Representative

A handwritten signature in blue ink that reads "Dennis S. Marstall". The signature is written in a cursive style with a large initial "D" and "M".

Signature of Sponsoring Agency's Representative

County Administrator

Representative Title

## ATTACHMENT A

THE FOLLOWING IS A SUMMARY OF THE ESTIMATED COSTS OF THE PROJECT

ITEM	TOTAL ESTIMATED COST	ESTIMATED SPONSOR'S SHARE OF COST	ESTIMATED FEDERAL SHARE OF COST	ESTIMATED STATE SHARE OF COST
		AMOUNT	AMOUNT	AMOUNT
1. PLANNING COST				
2. LAND COST				
3. CONSTRUCTION COST	\$34,404.13	\$13,762.13	\$0.00	\$20,642
4. ENGINEERING COST				
5. ADMINISTRATIVE COST				
7. MISCELLANEOUS				
8. TOTAL ALL ESTIMATED PROJECTED COST	\$34,404.13	\$13,762.13	\$0.00	\$20,642

**ATTACHMENT B**  
**DOCUMENTATION SUPPORT**

1. Is this project a result of facility requirements determined by a master plan, airport layout plan, the South Carolina Airport System Plan, or a revision to the airport layout plan? If so, indicate FAA or SCAC approval date: No
2. Does this project require an Environmental Impact Assessment (EIAS) report under the National Environmental Policy Act of 1969 (NEPA)? \_\_\_\_\_ Yes X No
3. Status of EIAS N/A
4. Have all previous projects that involved federal and/or state funds been completed?  
\_\_\_\_\_ Yes X No (List Open Grants)

AIP 3-45-0034-021-2020 (100% federal funding – Apron Rehabilitation Construction) is still active and is anticipated to be closed out December 2022.  
AIP 3-45-0034-024-2021 (100% federal funding – Terminal Building & Lighting Vault Design) is still active and is anticipated to be closed out December 2022.  
AIP 3-45-0034-026-2022 & SCAC 22-026 (Lighting Vault & Emergency Generator Construction) was recently received and construction should begin soon.  
SCAC 22-027 (Terminal Building Construction) was recently received and construction should begin soon.  
AIG 3-45-0034-027-2022 (Terminal Area Site Work Construction) was recently received and construction should begin soon.

5. If the state is unable to participate to its maximum extent, what is the sponsor's ability to fund a share greater than the state match? Lancaster County has the required funds on hand in the Lancaster County General Fund.
6. Name of Regional Planning Council which airport is located: Catawba Regional Council of Government
7. Has Federal Application Form 424 been submitted to the Inter-agency Council on Public Transportation (State Clearinghouse) in accordance with Section 57-3-1050?  
\_\_\_\_\_ Yes X No

8. The following action has been taken by the local governing body to provide steps toward protective zoning of the airspace and land surrounding the airport. Describe actions by the Sponsor and governing body related to land use planning and zoning ordinances. The Lancaster County Airport Safety Height Ordinance was adopted on July 25, 1994 and was updated during the development of the Unified Development Ordinance, which was adopted November 28, 2016. Within this document exists the McWhirter Field Aviation Overlay District, which addresses airport zones, height limitations, use restrictions and permits.

9. Anticipated date construction or planning project is to commence:

Start Date: December 2022

Ending Date: January 2023



## ATTACHMENTS

Project Justification ([Refer to page 1, Part I - Project Information](#))

Project Sketch

Engineer's Estimate

Estimated quantities and cost

Federal Application Form **424** ([No federal funds are being requested](#))


(Revised: August 11, 2020)

## LTS PRO-VS CAM DESIGN

Design #3 - Fiber, Outdoor Enclosure, 16-Port Switch

## PROJECT SKETCH

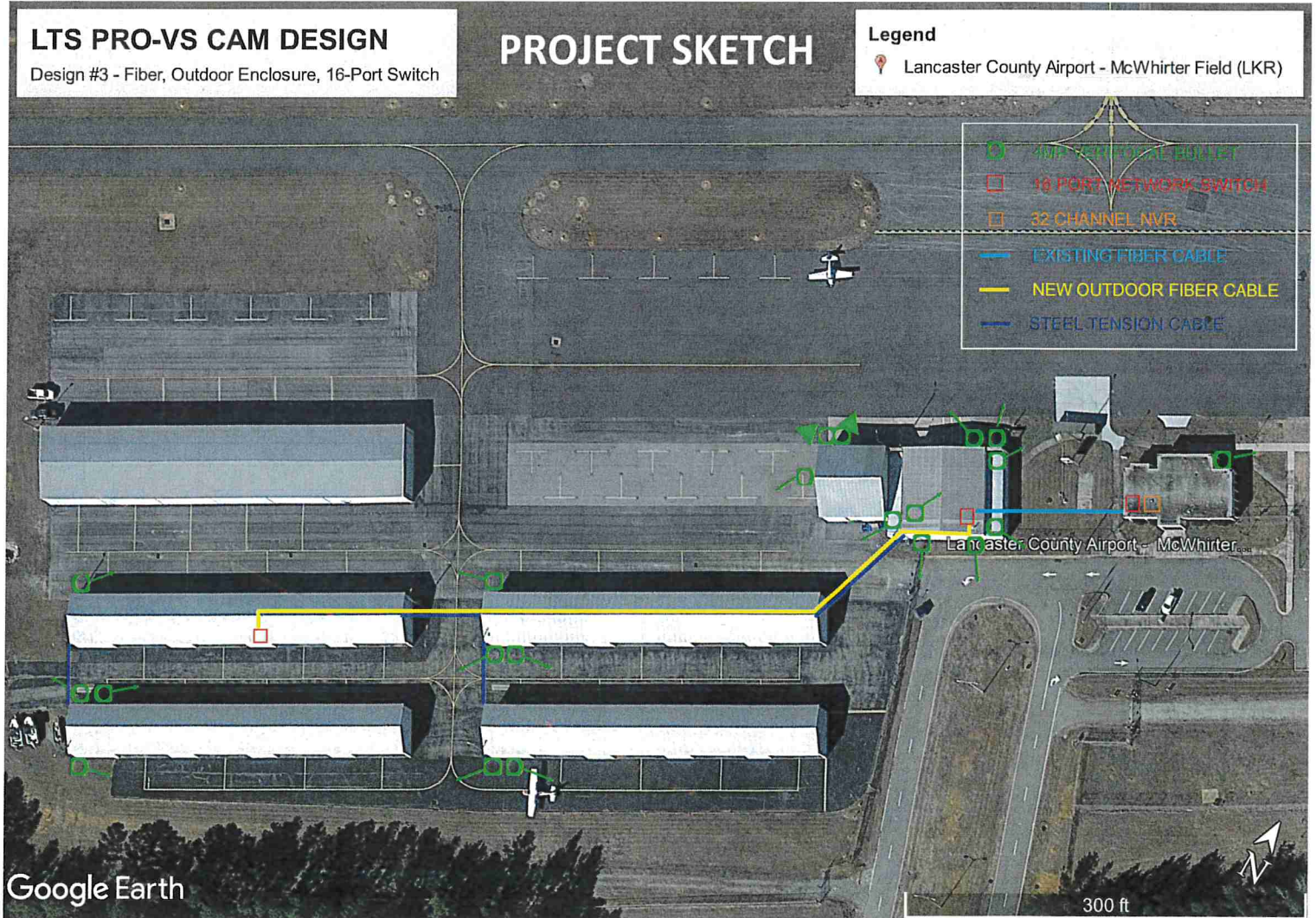
### Legend

 Lancaster County Airport - McWhirter Field (LKR)

-  4MP 4-Channel Bullet
-  16 PORT NETWORK SWITCH
-  32 CHANNEL NVR
-  EXISTING FIBER CABLE
-  NEW OUTDOOR FIBER CABLE
-  STEEL TENSION CABLE

Google Earth

300 ft



# ENGINEER'S ESTIMATE / ESTIMATED QUANTITIES AND COST



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## PROPOSAL

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TO: **Scott Hernandez**

Lancaster County Government  
101 N Main Street  
Lancaster, SC 29720

Project: 2470 Airport Camera Upgrade  
Design #3

Address: 286 Aviation Blvd  
Lancaster, SC

Date: 11/7/2022

*We propose to furnish all materials, equipment, and labor, subject to any exclusions listed below, required to complete the following:*

21 Camera IP Upgrade  
Utilizing Fiber, Weatherproof Enclosure, and Switch  
55" Viewing Monitor located in Terminal Lobby

***Customer may need to move planes out of hanger for us to pull wire.  
Customer to provide 120VAC at location of remote Network Switch***

**LTS PRO-VS VSN8432 (Qty: 1.00)**

**\$1,100.00**

*Description of Services:*

Pro-VS, 32CH, 4K NVR320Mbps, 12MP-Rec, 4xHDD, HDMI/VGA

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
LTS PRO-VS VSN8432	1.00	\$1,100.01	\$1,100.01

**VSRM72 (Qty: 1.00)**

**\$9.45**

*Description of Services:*

NVR Rack Mount Kit

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
VSRM72	1.00	\$9.45	\$9.45

**WESTERN DIGITAL WD62PURZ (Qty: 3.00)**

**\$855.00**

*Description of Services:*



WD Purple 6TB Surveillance Hard Disk Drive, 5400 RPM Class SATA 6 Gb/s 256MB Cache 3.5 Inch

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
WESTERN DIGITAL WD62PURZ	2.00	\$284.99	\$569.98
<b>LTS VSPOE-SW1602 (Qty: 3.00)</b>			<b>\$1,350.00</b>

*Description of Services:*

Pro-VS, 16 Port PoE Switch with 2 Combo ports

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
LTS VSPOE-SW1602	2.00	\$450.00	\$899.99
<b>LTS VSIP9643W-SZ (Qty: 21.00)</b>			<b>\$8,295.00</b>

*Description of Services:*

PRO-VS, 4MP Vari-focal Bullet, 2,8 to 12mm Smart IR, 2KV Surge Protection, DC 12V PoE.

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
LTS VSIP9643W-SZ	14.00	\$394.99	\$5,529.88
<b>DTK-MRJETHS (Qty: 19.00)</b>			<b>\$1,903.04</b>

*Description of Services:*

Mrjeths Surge Suppressor/Protector

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
DTK-MRJETHS	12.00	\$100.15	\$1,201.81
<b>CAT6 Plenum Black (Qty: 3000.00 Foot)</b>			<b>\$1,920.00</b>

*Description of Services:*

23 AWG Category 6 CMP, Black

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
CAT6 Plenum Black	2,000.00	\$0.64	\$1,285.20
<b>TC-Carrier (Qty: 3.00 Reel)</b>			<b>\$1,014.54</b>

*Description of Services:*

Ubiquiti Tough Cable Carrier, Category 5e cable 1000ft

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
PAIGE 258340804	3.00	\$2,440.01	\$7,320.03
<b>Samsung UN55TU7000 (Qty: 1.00)</b>			<b>\$776.77</b>

*Description of Services:*

55" Class TU7000 Series 4K Crystal UHD Smart TV

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
Samsung UN55TU7000	1.00	\$776.77	\$776.77
<b>AVARRO NX-FML4390 (Qty: 1.00)</b>			<b>\$228.67</b>

*Description of Services:*

Full Motion Large Mount 43-90", 130lb. UL/ULC

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
AVARRO NX-FML4390	1.00	\$228.67	\$228.67
<b>AVARRO OE-HDMI100 (Qty: 1.00)</b>			<b>\$211.66</b>

*Description of Services:*

100' 1080P HDMI Cable with Ethernet

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
AVARRO OE-HDMI100	1.00	\$211.66	\$211.66
<b>COMMSCOPE D-006-LN-5L-F06NS (Qty: 500.00)</b>			<b>\$1,170.00</b>

*Description of Services:*

Fiber Cable, Single Jacket, All-Dielectric, Gel-Free, Outdoor Stranded Loose Tube, 6 Fiber, Lazrspeed 300 OM3 Multimode

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
COMMSCOPE D-006-LN-5L-F06NS	500.00	\$2.34	\$1,171.80
<b>Fiber Misc.</b>			<b>\$1,500.00</b>
<b>LCOM NB181608-1HFA2 (Qty: 1.00)</b>			<b>\$1,495.00</b>

*Description of Services:*

18x16x8 Inch 120 VAC Weatherproof Enclosure w/User Adjustable Fan/Heat Controller

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
LCOM NB181608-1HFA2	1.00	\$1,495.01	\$1,495.01
<b>Parts/ Conduit and Accesories</b>			<b>\$1,500.00</b>

*Description of Services:*

Parts

<b>Labor SC- 2 Techs (Qty: 80.00)</b>			<b>\$10,400.00</b>
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*Description of Services:*

Labor - 2 Techs

**Lift Rental 3219**

**\$675.00**

*Description of Services:*

19ft. Scissor Lift, Weekly Rental

<i>Item</i>	<i>QTY</i>	<i>Price</i>	<i>Subtotal</i>
Lift Rental 3219	1.00	\$674.99	\$674.99

**Subtotal: \$34,404.13**

**\*0% Tax: \$0.00**

**TOTAL: \$34,404.13**

**Terms and Conditions**

*As the installation contractor, **Magnum Security Installations, Inc.** has paid sales tax on all parts, supplies and equipment used in this real property installation.*

Contractor: Thomas McColgan

Magnum Security Installations, Inc.

11/7/2022

Date

ACCEPTANCE OF PROPOSAL: The above prices, scope, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work specified.

Client: \_\_\_\_\_

Lancaster County Government

\_\_\_\_\_  
Date