

Subapplicant information

Name of federal agency **FEMA**
 Type of submission **Application**

SCOTLAND, COUNTY OF

507 W COVINGTON ST
 LAURINBURG, NC 28352 United States

State	DUNS #	EIN #
NC	091564146	566000339

Subapplicant type **Local Government**
 Is the subapplicant subject to review by Executive Order 12372 Process? **No - Not selected**
 Is the subapplicant delinquent on any federal debt? **No**

Contact information

Subrecipient Authorized Representative (SAR)

Beth Hobbs	Primary phone	Mailing address
bhobbs@scotlandcounty.org	9106107931 Mobile	

Point(s) of contact

Matthew Locklear	Primary phone	Additional phones	Mailing address
Assistant EMS Director mattlocklear@scotlandcounty.org	9106747598 Mobile	9102774323 Work	PO BOX 489 LAURINBURG NC 28353
	Fax		

Community

Please provide the following information. If the Congressional district number for your community does not display correctly, please contact your State NFIP coordinator.

Add Communities

Please find the community(ies) that will benefit from this mitigation activity by clicking on the Find communities button. If needed, modify the Congressional District number for each community by entering the updated number under the U.S. Congressional District column for that community. When finished, click the Continue button. NOTE: You should also notify your State NFIP coordinator so that the updated U.S. Congressional District number can be updated in the Community Information System (CIS) database.

Community name	County code	CID number	CRS community	CRS rating	U.S. Congressional District
SCOTLAND COUNTY *	165	370316	N		1,2,8

Please provide any additional comments below (optional).

Located within the southeastern portion of the state of North Carolina, Scotland County rests at the border between the Coastal Plain and Piedmont regions. It is bordered by Hoke, Robeson, Richmond, and Moore counties, and the state of South Carolina. According to the U.S. Census Bureau, the county has a total area of 320 square miles, of which 319 square miles is land and 1.5 square miles is water.] It is one of the state's ten counties within the Sandhills region, characterized by sandy and fertile soil. It is the smallest North Carolina County by area. The population of Scotland County, North Carolina in 2021 was 34,227, with 29.7% who live in poverty. The median household income (in 2020 dollars), 2016-2020 was \$35,936. Scotland County has a CDC Social Vulnerability score of 0.9936. Scotland County has a diverse population and a very unique dependency on Emergency Services in our county. Scotland County is very rural and many of our lower income residents depend on our emergency services for their healthcare needs, transportation and to provide necessary services that many other counties may not provide. Our emergency services facility benefits 100% of our population before, during and after disasters. Regardless of social status, race, gender, or income level our facility has provided a means and point of distribution during disasters, a hub for information, a charging station for cellular and mobile devices, and a place of refuge for a citizens.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Scotland County Map.png	12/08/2022	mattlocklear@scotlandcounty.org	Community Attachments	Scotland County Map 1	
Scotland County NC Map.jpg	12/08/2022	mattlocklear@scotlandcounty.org	Community Attachments	Scotland County Map 2	
SVL.png	01/16/2023	mattlocklear@scotlandcounty.org	Community Attachments	Social Vulnerability Index	

Mitigation plan

Please provide your plan information below.

Is the entity that will benefit from the proposed activity covered by the current FEMA approved multi-hazard mitigation plan in compliance with 44 CFR Part 201? **Yes**

Please provide plan detail

Plan name	Plan type	Plan approval date
Pee Dee Lumber Regional Hazard Mitigation Plan	Local Multijurisdictional Multi-Hazard Mitigation Plan	04/02/2018
Proposed activity description		

Please provide any additional comments below (optional).

The 2018 Plan was updated and has been adopted by the Scotland County Board of Commissioners. However, the 2022 Pee Dee Lumber River Hazard Mitigation Plan will go into effect May 1, 2023. I have attached a copy of the update version.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
2018 Pee Dee Lumber Hazard Mitigation Plan.pdf	11/17/2022	mattlocklear@scotlandcounty.org	Mitigation Plan Attachments	2018 Pee Dee Lumber Hazard Mitigation Plan.pdf	

Filename	Date uploaded	Uploaded by	Label	Description	Action
Scotland County Resolution to adopt Lumber Regional Hazard Mitigation Plan.pdf	11/18/2022	mattlocklear@scotlandcounty.org	Mitigation Plan Attachments	Scotland County Resolution to adopt Lumber Regional Hazard Mitigation Plan.pdf	

Scope of work

The project Scope of Work (SOW) identifies the eligible activity, describes what will be accomplished and explains how the mitigation activity will be implemented. The mitigation activity must be described in sufficient detail to verify the cost estimate. All activities for which funding is requested must be identified in the SOW prior to the close of the application period. FEMA has different requirements for project, planning and management cost SOWs.

Subapplication title (include type of activity and location)

BRIC

Activities

Primary activity type

Mitigation reconstruction

Secondary activity type (Optional)

Relocation

Tertiary activity type (Optional)

Geographic areas description

Located within the southeastern portion of the state of North Carolina, Scotland County rests at the border between the Coastal Plain and Piedmont regions. It is bordered by Hoke, Robeson, Richmond, and Moore counties, and the state of South Carolina. According to the U.S. Census Bureau, the county has a total area of 320 square miles (830 km²), of which 319 square miles (830 km²) is land and 1.5 square miles (3.9 km²) (0.5%) is water. It is the smallest North Carolina County by area.

Community lifelines

Primary community lifeline

Safety and security

Primary sub-community lifeline

Community safety

Secondary community lifeline (optional)

Health and medical

Secondary sub-community lifeline

Patient movement

Tertiary community lifeline (optional)

Food, water, shelter

Tertiary sub-community lifeline

Shelter

Hazard sources

Primary hazard source

Flooding

Secondary hazard source (optional)

Tertiary hazard source (optional)

Is this a phased project?

Yes

Are you doing construction in this project?

Yes

Percentage of population impacted

100

Provide detailed description of population impacted

As of the census of 2020, there were 35,998 people, 13,399 households, and 9,674 families residing in the county. The population density was 113 people per square mile (44/km²). There were 14,693 housing units at an average density of 46 per square mile (18/km²). The racial makeup of the county was 51.49% White, 37.32% Black or African American, 8.88% Native American, 0.51% Asian, 0.02% Pacific Islander, 0.46% from other races, and 1.33% from two or more races. 1.18% of the population were Hispanic or Latino of any race. In 2021 49.4% of Scotland County's population was non-Hispanic whites. In 2021 there were 13,399 households, out of which 34.40% had children under the age of 18 living with them, 47.10% were married couples living together, 20.40% had a female householder with no husband present, and 27.80% were non-families. 24.40% of all households were made up of individuals, and 8.90% had someone living alone who was 65 years of age or older. The average household size was 2.61 and the average family size was 3.10. In the county, the population was spread out, with 28.10% under the age of 18, 9.50% from 18 to 24, 27.60% from 25 to 44, 23.40% from 45 to 64, and 11.30% who were 65 years of age or older. The median age was 35 years. For every 100 females there were 88.40 males. For every 100 females age 18 and over, there were 83.00 males. The median income for a household in the county was \$31,010, and the median income for a family was \$39,178. Males had a median income of \$31,212 versus \$23,172 for females. The per capita income for the county was \$15,693. About 17.40% of families and 20.60% of the population were below the poverty line, including 29.80% of those under age 18 and 17.20% of those age 65 or over.

Provide a clear and detailed description of your proposed activity

The current Emergency Services Facility, approximately 4000sf one story building, is located on a 12-acre county owned complex. It is located 393 feet from Bridge Creek. Bridge Creek overflows multiple times per year and floods the Emergency Services Facility. The 911 Communications Center which is located next door was built in 2015. This structure was elevated to mitigate flooding which now causes its water runoff to run downhill to the Emergency Services Building causing flooding even with heavy rains. To ensure the Emergency Services Station and Scotland County Emergency Services can continue to offer lifelines to Scotland County and adjacent communities during a Hurricane, the County of Scotland will reconstruct and elevate the existing structure. The reconstruction of the new facility would address this problem and make the Station and Scotland County Emergency Services more resilient in a manner consistent with the region's Hazard Mitigation Plan. The proposed project would elevate the proposed structure by 20 inches. The proposed facility is a structure that would be constructed to withstand up to a category 4 hurricane and would be elevated to reduce the chances of future flooding. The proposed Station will make the community more resilient, in that it will offer a facility capable of sheltering the first responders that will respond to disaster events. The proposed station will provide sleeping quarters to house additional first responders during disaster, provide adequate handicap showers, restrooms, a commercial kitchen facility for mass feeding and meal preparation, laundry facilities for first responders, a dedicated patient care suite that will allow for onsite patient care and mass vaccinations. The facility would provide additional refrigeration for storing medications as needed by disaster victims and to accommodate mass pandemic vaccines storage, decontamination facilities, training and conference rooms, mass cellular device charging stations for First Responders and disaster victims, office space that will allow for a multi-use facility that will house not only Scotland County EMS, but will include Scotland County Emergency Management, Scotland County Rescue Squad, Scotland County Fire Commission offices and the Scotland County Medical Examiner's Office. By having all our disaster response agencies under one roof or in the same complex would allow for better communication and collaboration during disasters as well as in everyday emergencies. Other partners include the Scotland County United Way, Our local Red Cross Chapter as well as Scotland Memorial Hospital. Sub-recipient Management Costs will be utilized as follows • Subapplication development and technical assistance to subapplicants regarding feasibility and effectiveness and BCA • Delivery of technical assistance (e.g., plan reviews, planning workshops, training) to support the implementation of mitigation activities • Managing awards (e.g., quarterly reporting including managing Go/No-Go milestones for hazard mitigation projects submitted under the national competition, closeout) • Technical monitoring (e.g., site visits, technical meetings)

How will the mitigation activity be implemented?

Scotland County's Hazard Mitigation Plan has identified that our Emergency Services Building is critical infrastructure and is currently located within feet of Bridge Creek. The Creek is prone to flooding and the current facility experiences flooding during a heavy rain event. Scotland County will reconstruct and elevate the structure. With the installation of Greenspaces,

Describe how the project is technically feasible and will be effective in reducing the risk by reducing or eliminating damage to property and/or loss of life in the project area. Please include engineering design parameters and references to the following: preliminary schematic or engineering drawings/design; applicable building codes; engineering practices and/or best practices; level of protection (e.g., life safety, 100-yr flood protection with freeboard, 100-yr wind design, etc.):

parable paving, water gardens and rain collection systems this will mitigate the facility for years to come.

To ensure the Station and Scotland County Emergency Services can continue to offer lifelines to Scotland County and adjacent communities during a Hurricane, the County of Scotland is interested in the construction of a facility that will be mitigated from future flooding. The construction of the proposed facility would address this problem and make the Station and Scotland County Emergency Services more resilient in a manner consistent with the region's Hazard Mitigation Plan. The proposed Station will make the community more resilient, in that it will offer a facility capable of sheltering the first responders that will respond to disaster events. The proposed station will provide sleeping quarters to house additional first responders during disaster, provide adequate handicap showers, restrooms, a commercial kitchen facility for mass feeding and meal preparation, laundry facilities for first responders, a dedicated patient care suite that will allow for onsite patient care and mass vaccinations. The facility would provide additional refrigeration for storing medications as needed by disaster victims and to accommodate mass pandemic vaccines storage, decontamination facilities, training and conference rooms, mass cellular device charging stations for First Responders and disaster victims, office space that will allow for a multi-use facility that will house not only Scotland County EMS, but will include Scotland County Emergency Management, Scotland County Rescue Squad, Scotland County Fire Commission offices and the Scotland County Medical Examiner's Office. By having all our disaster response agencies under one roof or in the same complex would allow for better communication and collaboration during disasters as well as in everyday emergencies.

Who will manage and complete the mitigation activity?

The project managed by Scotland County Facilities Department and will be completed by Stogner Architecture, P.A. 615 East Broad Avenue Rockingham, NC 28379.

Will the project address the hazards identified and what risks will remain from all hazards after project implementation (residual risk)?

This project will mitigate the facility and eliminate the chance of future flooding. The construction of the facility will provide mitigation for up to a category 4 hurricane. Residual Risk include but are not limited to Category 5 hurricanes, Hazardous Material Incidents, and pandemics.

Does the mitigation activity incorporate nature-based solutions?

Yes

When will the mitigation activity take place?

FY 2024

Explain why this project is the best alternative. What alternatives were considered to address the risk and why was the proposed activity considered the best alternative?

The current Emergency Services building is a 4800 square foot metal structure with brick façade the current structure was built in the early 1980's and was not designed for future expansion. The daily function of this station houses 12 employees that live in the station 24 hours a day, 7 days per week. During business hours the number of employees increase to 15 with administrative staff. The current station does not offer adequate sleeping quarters and only offers 2 showers to accommodate 12 employees. The existing structure does not comply with current building codes and lacks fire suppression and fire alarm systems. The current facility is rated for a category 3 hurricane and should not be considered a hurricane shelter to house first responders. Past flood events have left mold in the building. The carpets and floors are saturated from rainwater sometimes with the slightest of rainstorms. The facility lacks storage for supplies and is too small to be used as a point of distribution during disasters and pandemics. The building is located just over 300 feet from Bridge Creek. October 2016: A Federally Declared State of Emergency was issued. Hurricane Matthew pushed across North Carolina bringing devastating flooding to the Laurinburg area. Scotland County Emergency Services Employees had been laboring the week prior to Hurricane Matthews' landfall preparing. They had stockpiled water, extra medical supplies, food to feed first responders, and they were preparing sleeping areas to shelter the extra first responders that it brought in to assist with hurricane response. The current build took on several inches of water that came through the walls and saturated the floors and the drywall. Bridge Creek, which is located 393 feet from the station overflowed its banks and came within just feet of the station. Administration monitored the creek and continued operations as usual. September 2018: Hurricane Florence produced over 30 inches of rain in the state of North Carolina. Scotland County Emergency Services station at the time flooded once again and barely escaped the rising waters of Bridge Creek. The event could have left first responders without a shelter, the community without an emergency operations center or a point of distribution for essential supplies following the hurricane. Our plan to mitigate the existing structure caused a snowball effect of issues. We consulted with our General Contractor to address mitigation measures for the current facility. In order to mitigate the current

facility, we were required to obtain permits. Once permits were obtained this would require us to bring the entire building up to current building code standards. One major issue is ADA Compliance. To Address the flooding mitigation issues the building would require elevation. The facility is built on a concrete slab. The only way to elevate the building it to demolish the building, raise the grade and rebuild. Our best cost-effective alternative is to elevate the building and shift its location 100 feet West away from Bridge Creek.

Please identify the entity that will perform any long-term maintenance and provide a maintenance, schedule and cost information. The subapplicant or owner of the area to be mitigated is responsible for maintenance (including costs of long-term care) after the project is completed?

Scotland County's Facilities Maintenance Department under the supervision of the Facilities Management Director is responsible for maintaining all county facilities. Our team includes janitorial services, licensed electricians, licensed plumbers, carpenters and general maintenance personnel. The county has a robust budget that provides for these services.

Additional comments (optional)

I have attached quotes provide by Stogner Architecture, P.A.. We have used a percentage of this estimate to make the project cost effective.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
SCO EMS New Station Estimate 2022 11 14 R01.pdf	11/18/2022	mattlocklear@scotlandcounty.org	Scope of Work Attachments	Initial Estimate	
SCO EMS Existing Renovation Add Estimate 2022 11 14.pdf	11/18/2022	mattlocklear@scotlandcounty.org	Scope of Work Attachments	Initial Estimate	
Scotland BRIC Letter (1).pdf	11/18/2022	mattlocklear@scotlandcounty.org	Scope of Work Attachments	American Red Cross Partnership Letter	
Letter of Support (1).pdf	11/18/2022	mattlocklear@scotlandcounty.org	Scope of Work Attachments	United Way Partnership Letter	
FEMA letter11.4.22.docx	11/18/2022	mattlocklear@scotlandcounty.org	Scope of Work Attachments	Scotland Health Care System Partnership Letter	

Schedule

Specify the work schedule for the mitigation activities.

Add tasks to the schedule

Please include all tasks necessary to implement this mitigation activity; include descriptions and estimated time frames.

Task Name Design and Engineering	Start Month 1	Task Duration (in Months) 6 months	Task Description At this phase the project will be assigned to our engineering firm for design and engineering.
Task Name Demolition of existing facility	Start Month 6	Task Duration (in Months) 1 months	Task Description The existing facility will be demolished to make way for new construction. The proposed project will be shifted 100 feet away from its original location and elevated. The shift will move the project 100 feet away from the flood zone and Bridge Creek. The demolition of the existing facility will make way for our green spaces such as permeable parking spaces with water gardens to further mitigate flooding.
Task Name	Start Month	Task Duration (in Months)	

Site Work and Site Prep/Grading and Excavation	7	2 months
Task Description Site work will consist of grading and elevation of the site. The grading and excavation will ensure the area has proper drainage and erosion control measures are taken.		

Task Name Foundation Installation and Footings	Start Month 9	Task Duration (in Months) 2 months
Task Description The foundation and footings will be constructed and prepared to specs.		

Task Name Erection and Construction	Start Month 13	Task Duration (in Months) 12 months
Task Description The erection and construction of a 16,000 square foot structure that will mitigate current flooding and will be hurricane proof up to a category 4 hurricane.		

Estimate the total duration of your proposed activities (in months). **25**

Proposed project start and end dates

Start Date **2023-06-01**
 End Date **2025-07-01**

Introduction

Project location

Provide a detailed description of the proposed project's location.

The current station is located at 1403 West Boulevard in Laurinburg, North Carolina. ("Station") The Emergency Services Station currently houses Emergency Medical Services, Emergency Management as well as the Scotland County Medical Examiner's Office. The proposed project would be constructed 100 feet West of this address away from Bridge Creek.

Latitude **34.760330**
 Longitude **-079.490082**

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
scems bric 1.jpg	11/18/2022	mattlocklear@scotlandcounty.org	Project Location Attachments	No description given.	

Project benefiting area

Provide a detailed description of the proposed project's benefiting area.

Scotland County Emergency Services is the sole provider of pre-hospital Emergency Medical Care and Emergency Management services to Scotland County and support services adjacent counties in the region. SCES and its Station support multiple lifelines within the community; the mitigation of this facility will enhance the capability of the service and its Station to support these lifelines during severe weather and flooding events. The proposed Station will make the community more resilient, in that it will offer a facility capable of sheltering the first responders that will respond to disaster events. The proposed station will provide sleeping quarters to house additional first responders during disaster, provide adequate handicap showers, restrooms, a commercial kitchen facility for mass feeding and meal preparation, laundry facilities for first responders, a dedicated patient care suite that will allow for onsite patient care and mass vaccinations. The facility would provide

additional refrigeration for storing medications as needed by disaster victims and to accommodate mass pandemic vaccines storage, decontamination facilities, training and conference rooms, mass cellular device charging stations for First Responders and disaster victims, office space that will allow for a multi-use facility that will house not only Scotland County EMS, but will include Scotland County Emergency Management, Scotland County Rescue Squad, Scotland County Fire Commission offices and the Scotland County Medical Examiner's Office. By having all our disaster response agencies under one roof or in the same complex would allow for better communication and collaboration during disasters as well as in everyday emergencies. Other partners include the Scotland County United Way, Our local Red Cross Chapter as well as Scotland Memorial Hospital. Scotland County United Way currently uses our existing facility for meetings and training. The local Red Cross Chapter currently stores assets at our facility that are deployed in the event of disasters. Our Relationship with our partners provides a much-needed service to the community.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
scem2.png	11/18/2022	mattlocklear@scotlandcounty.org	Location project benefiting area Attachments	Firmette	

Project impact area

Provide a detailed description of the proposed project's impact area.

The proposed project would allow the consolidation of other departments including County Fire Marshalls Offices and Scotland County Rescue Squad which is a non-profit Rescue organization that provides Rescue Services to Scotland County. Our Project will benefit several partners in the community including Scotland County United Way, Our Local Red Cross Chapter and Scotland Memorial Hospital. We are also the back-up 911 Center and Emergency Operations Center for Richmond County, North Carolina. Our impact will expand to all the citizens and visitors of Scotland County as well as the neighboring Jurisdictions.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project site inventory

Does this project subapplication propose to mitigate a property/structure(s)? (Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.) **Yes**

Please describe how the propert(ies) will be selected upon subgrant approval. (Example: Saferoom Lottery Project, Fix the Bricks Project)

Please [download the excel template](#), and then fill out the template with building or infrastructure data.

Enter the location of the property/structure.

List of location(s) (1 location)

Status	Location ID	Address	Inventory type	Structure type	Mitigation action
✓	49332	1403 West Blvd , Laurinburg, NC, Scotland, 28352	Building	Government	Floodproofing, Relocation

Budget

Budget cost estimate should directly link to your scope of work and work schedule. You must add at least one item(s) greater than 0 for your cost estimate. As necessary, please adjust your federal/non-federal cost shares, and add the non-federal funding source(s) you are planning to use this project. Once you have completed this section, please click the Continue button at the bottom of this page to navigate to the next section.

Add budget cost types and item(s)

First, click the Add cost type button below to add cost type cost estimate and then click the Add item(s) button to add the item(s) for the cost estimate.

Grand total: \$1,307,184.30

Budget type: Construction

▶ Cost type: Cost estimate	\$1,244,937.43
▶ Cost type: Management cost	\$62,246.87

Program income (optional)

Cost share

Cost share or matching means the portion of project costs not paid by federal funds.

Proposed federal vs. non-federal funding shares

Hazard mitigation assistance (HMA) funds may be used to pay up to 75% federal share of the eligible activity costs. Building Resilient Infrastructure and Communities (BRIC) and small impoverished communities may be eligible for up to 90% federal share. Flood Mitigation Assistance (FMA) and severe repetitive loss (SRL) properties may be eligible for up to 100% federal share. Repetitive loss (RL) properties may be eligible for up to 90% federal share.

	Percentage	Dollar amount
Proposed federal share	75.23	983449.94
Proposed non-federal share	24.77	323734.36
		<small>Based on total Budget cost: \$1,307,184.30</small>

[Is this an Economically Disadvantaged Rural Community?](#) ⓘ

This determines your federal/non-federal share ratio.

No

Please provide justification for exceeding the allowable federal share here.

The split is 75/25 but the figures above include SRMC.

Non-federal funding sources here

That portion of the total costs of the program provided by the non-federal entity in the form of in-kind donations or cash match received from third parties or contributed by the agency. In-kind contributions must be provided and cash expended during the project period along with federal funds to satisfy the matching requirements.

Funding source	Funding amount	% Non-federal share by source
▶ Funding source: Fund Balance	100.00%	\$323,734.36

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
SCO_EMS New Station Estimate 2022 11 14 R01.pdf	11/18/2022	bhobbs@scotlandcounty.org	Budget Attachments	This document gives a more detailed breakdown of costs than what was presented for budgetary purposes.	
Scotland County BRIC Funds Commitment Letter (3).(1).(1).docx	01/20/2023	mattlocklear@scotlandcounty.org	Budget Attachments	This document provides a funds commitment from the County	

Cost-effectiveness

How was cost-effectiveness determined for this project?

- BCA completed in FEMA's BCA toolkit
Subapplicant must attach supporting documentation.
- Pre-calculated benefits
- Substantial damage in special flood hazard area
- Other BCA methodology approved by FEMA in writing
- Not applicable
- Not applicable

What are the total project benefits? (\$) **1364372**

What are the total project cost? (\$) **1294937.43**

What is the benefit-cost ratio (BCR) for the entire project? **1.05**

Was sea level rise incorporated into the flood elevations in the BCA? **No**

Were environmental benefits added to the project benefits? **No**

Were social benefits added to the project benefits? **No**

Please provide any additional comments below (optional).

“The Census Tract that includes the project area has a Centers for Disease Control and Prevention (CDC) Social Vulnerability Index (SVI) rating among the highest in the nation: 0.98 offering the BCA waiver and further assistance from FEMA in addressing any issues found with the BCA in the NTR review. Evidence is presented in the Technical Scoring Support document in the Evaluation section”

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
SCO_EMS Existing Renovation Add Estimate 2022 11 14.pdf	11/18/2022	bhobbs@scotlandcounty.org	Cost Effectiveness Attachments	This document is what it would cost to renovate the existing building.	
Scotland County BCA 1.2.23.docx	01/03/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	Benefit Cost Analysis....it is a word document that can be inputted into the BCA module....Macs do not let you export	
Scan Jan 09 2023 (7).(1).pdf	01/10/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA loss of service support	
Laurinburg Historical Rainfall.xlsx	01/10/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA loss of service support	
Screen Shot 2023-01-20 at 10.12.28 AM.png	01/20/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA Screenshot	

Filename	Date uploaded	Uploaded by	Label	Description	Action
Screen Shot 2023-01-20 at 10.12.17 AM.png	01/20/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA Screenshot	
Screen Shot 2023-01-20 at 10.12.22 AM.png	01/20/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA Screenshot	
Screen Shot 2023-01-20 at 10.12.32 AM.png	01/20/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA Screenshot	
Screen Shot 2023-01-20 at 10.12.25 AM.png	01/20/2023	mattlocklear@scotlandcounty.org	Cost Effectiveness Attachments	BCA Screenshot	

Environmental/Historic Preservation (EHP) Review Information

Introduction

An environmental/historic preservation review is required for all activities for which FEMA funds are being requested. FEMA will complete this review with the assistance of both the state or tribal government and the local applicant. It is important that you provide accurate information. If you are having problems completing this section, please contact your application point of contact.

A. National Historic Preservation Act - Historic Buildings and Structures

1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age? **No**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- The property address and original date of construction for each property affected (unless this information is already noted in the Properties section).
- A minimum of two color photographs showing at least three sides of each structure (Please label the photos accordingly).
- A diagram or USGS 1:24,000 scale quadrangle map displaying the relationship of the property (s) to the project area.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

- Information gathered about potential historic properties in the project area, including any evidence indicating the age of the building or structure and presence of buildings or structures that are listed or eligible for listing on the National Register of Historic Places or within or near a National Register listed or eligible historic district. Sources for this information may include the State Historic Preservation Officer, and/or the Tribal Historic Preservation Officer (SHPO/THPO), your local planning office, historic preservation organization, or historical society.
- Consideration of how the project design will minimize adverse effects on known or potential historic buildings or structures, and any alternatives considered or implemented to avoid or minimize effects on historic buildings or structures. Please address and note associated costs in your project budget.
- For acquisition/demolition projects affecting historic buildings or structures, any data regarding the consideration and feasibility of elevation, relocation, or flood proofing as alternatives to demolition.
- Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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B. National Historic Preservation Act - Archeological Resources

Does your project involve disturbance of ground?

No

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)

A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location.

The past use of the area to be disturbed, noting the extent of previously disturbed ground.

A USGS 1:24,000 scale or other site map showing the location and extent of ground disturbance.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Any information about potential historic properties, including archeological sites, in the project area. Sources of this information may include SHPO/THPO, and/or the Tribe's cultural resources contact if no THPO is designated. Include, if possible, a map showing the relation of any identified historic properties to the project area.

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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C. Endangered Species Act and Fish and Wildlife Coordination Act

1. Are federally listed threatened or endangered species or their critical habitat present in the area affected by the project? **No**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please provide the required documents either through attachment and/or comment box below.)

Information you obtained to identify species in or near the project area. Provide the source and date of the information cited.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Any request for information and associated response from the USFWS, the National Marine Fisheries Service (NMFS) (for affected ocean-going fish), or your State Wildlife Agency, regarding potential listed species present and potential of the project to impact those species.

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

2. Does your project remove or affect vegetation? **No**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please provide the required documents either through attachment and/or comment box below.)

Description of the amount (area) and type of vegetation to be removed or affected.

A site map showing the project area and the extent of vegetation affected.

Photographs or digital images that show both the vegetation affected and the vegetation in context of its surroundings.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water? **No**

If Yes, and project is not within an existing building, you must confirm that you have provided the following: (If you have not provided these documents in any other section of the application, please attach the required documents below.)

A USGS 1:24,000 scale quadrangle map showing the project activities in relation to all nearby water bodies (within 200 feet).

Any information about the type of water body nearby including: its dimensions, the proximity of the project activity to the water body, and the expected and possible changes to the water body, if any. Identify all water bodies regardless whether you think there may be an effect.

A photograph or digital image of the site showing both the body of water and the project area.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Evidence of any discussions with the US Fish and Wildlife Service (USFWS), and/or your State Wildlife Agency concerning any potential impacts if there is the potential for the project to affect any water body.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)

1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as 'waters of the U.S.' as identified by the US Army Corps of Engineers or on the National Wetland Inventory? **No**

E. Executive Order 11988 (Floodplain Management)

1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBM), hydrologic study, or some other source indicate that the project is located in or will affect a 1% annual chance floodplain, a 0.2% annual chance floodplain, a regulatory floodway, or an area prone to flooding? **No**

2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation? **No**

F. Coastal Zone Management Act

1. Is the project located in the state's designated coastal zone? **No**

G. Farmland Protection Policy Act

1. Will the project convert more than 5 acres of prime or unique farmland outside city limits to a non-agricultural use? **No**

H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)

1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project? **No**

2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project? **No**

3. Does any project construction or operation activities involve the use of hazardous or toxic materials? **No**

4. Do you know if any of the current or past land-uses of the property affected by the proposed project or of the adjacent properties are associated with hazardous or toxic materials? **No**

I. Executive Order 12898, Environmental Justice for Low Income and Minority Populations

1. Are there low income or minority populations in the project's area of effect or adjacent to the project area? **No**

J. Other Environmental/Historic Preservation Laws or Issues

1. Are there other environmental/historic preservation requirements associated with this project that you are aware of? **No**

2. Are there controversial issues associated with this project? **No**

3. Have you conducted any public meeting or solicited public input or comments on your specific proposed mitigation project? **No**

K. Summary and Cost of Potential Impacts

Having answered the questions in parts A. through J., have you identified any aspects of your proposed project that have the potential to impact environmental resources or historic properties? **No**

Evaluation

Is the applicant participating in the [Community Rating System \(CRS\)](#)? **No**

Is the applicant a [Cooperating Technical Partner \(CTP\)](#)? **No**

Was this application generated from a previous FEMA HMA Advance Assistance or Project Scoping award or any other federal grant award, or the subapplicant is a past recipient of Building Resilient Infrastructure and Communities (BRIC) non-financial Direct Technical Assistance? **No**

Has the applicant adopted building codes consistent with the [international codes](#)? **Yes**

Year of building code **2015**

Please provide the building code. **2015 International Building Code**

Have the applicant's building codes been assessed on the [Building Code Effectiveness Grading Schedule \(BCEGS\)](#)? **Yes**

Select rating. **3**

Describe involvement of partners to enhance the mitigation activity outcome. **Our partnerships expand to several non-profit organizations in Scotland County. The local American Red Cross chapter works closely with Scotland County Emergency Services to house equipment at our facility. If approved this project will support their mission and enhance the mitigation outcome. We also partner with the Scotland County United Way and Scotland Memorial Hospital. Each of these organizations will be involved in this project during and after the planning phase of the project.**

Discuss how anticipated future conditions are addressed by this project. **Future flooding will be eliminated, and the facility will be more resilient eliminating loss of service of approximately 20 days per year. The proposed Station will make the community more resilient, in that it will offer a facility capable of sheltering the first responders that will respond to disaster events. The proposed station will provide sleeping quarters to house additional first responders during disaster, provide adequate handicap showers, restrooms, a commercial kitchen facility for mass feeding and meal preparation, laundry facilities for first responders, a dedicated patient care suite that will allow for onsite patient care and mass vaccinations. The facility would provide additional refrigeration for storing medications as needed by disaster victims and to accommodate mass pandemic vaccines storage, decontamination facilities, training and conference rooms, mass cellular device charging stations for First Responders and disaster victims, office space that will allow for a multi-use facility that will house not only Scotland County EMS, but will include Scotland County Emergency Management, Scotland County Rescue Squad, Scotland County Fire Commission offices and the Scotland County**

Medical Examiner's Office. By having all our disaster response agencies under one roof or in the same complex would allow for better communication and collaboration during disasters as well as in everyday emergencies.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description
Scotland BRIC Letter (1)(1).pdf	11/18/2022	mattlocklear@scotlandcounty.org	Evaluation Attachments	American Red C
FEMA letter11.4.22(1).docx	11/18/2022	mattlocklear@scotlandcounty.org	Evaluation Attachments	Scotland Health
Letter of Support (1)(1).pdf	11/18/2022	mattlocklear@scotlandcounty.org	Evaluation Attachments	United Way part
NC Climate Science Report Findings ExecSummary Final revised September2020.pdf	01/09/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	NC_Climate_Sc 01/09/2023
SVI.png	01/16/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	SVI .png
BRIC2022-Template-Implementation Measures.docx	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	BRIC2022-Temp
BRIC2022-Template-Population Impacted.docx	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	BRIC2022-Temp
BRIC2022-Template-Outreach Activities.docx	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	BRIC2022-Temp
BRIC2022-Template-Risk Reduction ^0 Resilience Effectiveness.docx	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	BRIC2022-Temp
BRIC2022-Template-Future Conditions.docx	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	BRIC2022-Temp
BRIC2022-Template-Leveraging Partners.docx	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	BRIC2022-Temp
Scotland County Land-Use-2022.pdf	01/20/2023	mattlocklear@scotlandcounty.org	Evaluation Attachments	Scotland County

Comments & attachments

- ▶ **Community** **1 comment, 3 attachments**
- ▶ **Mitigation plan** **1 comment, 2 attachments**
- ▶ **Scope of work** **1 comment, 5 attachments**
- ▶ **Budget** **0 comment, 2 attachments**
- ▶ **Cost-effectiveness** **1 comment, 9 attachments**
- ▶ **Evaluation** **0 comment, 12 attachments**
- ▶ **Environmental/Historic Preservation (EHP)** **0 comment, 0 attachments**
- ▶ **Location** **0 comment, 2 attachments**

Assurances and certifications

OMB Number: 4040-0009, Expiration Date: 02/28/2025 [View burden statement](#)

SF-424D: Assurances - Construction Programs

Content:

OMB Number: 4040-0009

Expiration Date: 02/28/2025

Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a--1 et seq.).

18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

Certifications regarding lobbying

OMB Number: 4040-0013

Expiration Date: 02/28/2025

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.