Subapplicant information

Name of federal agency

FEMA

Type of submission

Application

COUNTY OF COLUMBUS

127 W WEBSTER ST

WHITEVILLE, NC 28472 United States

State	DUNS#	EIN#
NC	040040016	566000289

No

Subapplicant type Local Government

Is the subapplicant subject to review by Executive Order 12372 Process?

No - Not selected

Contact information

Is the subapplicant delinquent on any federal debt?

Subrecipient Authorized Representative (SAR)

Morgan Hayes	Primary phone	Mailing address
morgan.hayes@columbusco.org		

Point(s) of contact

Morgan Hayes Columbus SWCD Director	Primary phone 9106422196 ext 3 Work	Additional phones 9106407748 Mobile	Mailing address 45 B Government Complex Rd Whiteville NC 28472
	Fax		
morgan.hayes@columbusco.org			
MR Nick West	Primary phone	Additional phones	Mailing address
Assistant County Manager	9106406630 Work	9106422196 ext 3 Work	127 W. Webster Street Whiteville NC 28472
	Fax		
rnwest@columbusco.org	9106401654		

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
Community name	County code	CID Humber	CK3 community	CKS fatting	District
BOARDMAN, TOWN OF	047	370659	N		
BOLTON, TOWN OF	047	370274	N		2,7
BRUNSWICK, TOWN OF	047	370306	N		2,7
CERRO GORDO, TOWN OF	047	370311	N		2,7
CHADBOURN, TOWN OF	047	370065	N		2,7
COLUMBUS COUNTY *	047	370305	N		1,2,7
FAIR BLUFF, TOWN OF	047	370067	N		1,7
LAKE WACCAMAW, TOWN OF	047	370069	N		1,7
SANDYFIELD, TOWN OF	047	370644	N		
TABOR CITY, TOWN OF	047	370070	N		2,7
WHITEVILLE CITY OF	047	370071	Υ	9	1,7

Please provide any additional comments below (optional).

All of Columbus County would benefit from the creation and installation of the Columbus County Watershed Drainage Management Plan.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action

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 Yes

Please provide plan detail

Plan name Bladen, Columbus, and Robeson Regional Hazard Mitigation Plan

Plan type

Local Multijurisdictional Multi-Hazard

Plan approval date 07/08/2020

Mitigation Plan

Proposed activity description

Please provide any additional comments below (optional).

Attachments

Filename Date uploaded Uploaded by Label Description Action

Local flood mitigation plan

Local flood mitigation plan

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)

Columbus County Watershed Drainage Management Plan

Activities

Primary activity type

Primary sub-activity type

Primary sub-activity type

Secondary activity type (Optional)

Geographic areas description

All of Columbus County will be benefited from the implementation of this plan. The Columbus County Watershed Drainage Management Plan will be a road map for restoring the ecological health and functionality of the rivers, streams, and tributaries in the watersheds. Resulting in; improved aquatic life and efficient drainage in local underserved communities.

Hazard sources

Primary hazard source

Secondary hazard source (optional)

Tertiary hazard source (optional)

Implementation process description

Flooding

New plan

Tropical cyclone (Hurricane/Typhoon)

Severe storm

Initially, the Watershed Drainage Management Plan will include the process of identifying high risk communities across Columbus County. These high risk communities will include; recent and historical data on negatively affected watersheds and drainage/flooding concerns that have adversely affected underserved communities. Establishing the high risk communities sets the stage for the implementation of accurate mapping methodology that will provide a visual representation of the affected communities. Accurate mapping methodology of local high risk underserved communities will aid in promoting awareness for the affected individuals who bear the burden of flooding and poor drainage. This mapping methodology will include; land use parcel/tax maps, watershed maps, elevation maps, and flood inundations maps. The above said maps, will be utilized in the project plans and made available to encourage public awareness and education. Within this Watershed Drainage Management Plan, debris removal/stream stabilization guidelines will serve as the basis for actions to be taken by individuals, contractors, public officials, and the general public in the affected areas. These guidelines will include; the safety steps to adequately remove debris from said rivers, streams, and tributaries along with the statutory requirements given by the Army Corps of Engineers. Each individual involved with the process of debris removal and/or stream stabilization will be mandated to attend the training sessions provided by the Columbus SWCD regarding each individual project identified in the local underserved communities. When certain situations arise, professional engineering designs maybe required for streambank stabilization to prevent soil erosion and the potential for water quality degradation. Streambank stabilization could include; the implementation of riparian buffer zones, and or manual/bioengineering measures to obtain the necessary material to ensure the integrity of the streambank. In all situations, best management and environmentally sound practices will be followed to achieve the desired outcome. The final piece of the Columbus County Watershed Drainage Management Plan, is the establishment of the site specific ongoing remediation processes. This involves annual evaluations of sites to establish a ranking order for future remediation efforts. Previously completed restoration projects will be included in the evaluation process. Current, future, and previously completed projects will be ranked based on; the status of flooding potential in various structures/homes, number of underserved

FEMAGO - Subapplication

communities in said areas, drainage and flood control capability, the number of flooded/damaged roadways, and the overall accessibility of said areas. With this ranking process in place, the County will be able to more adequately maintain the watersheds in a proper manner and on a continual three – year cycle.

Federal and State Grants will aid in providing primary sources for the creation and installation of this plan. After the plans inception additional resources will be identified and called to action for maintenance.

The implementation strategies above have been developed in a collaborative effort among Columbus SWCD and other public officials, including; County of Columbus, NC Division of Soil and Water, Columbus County Emergency Services, and Natural Resource Conservation Service. It is important that these organizations work together to implement the plan as designed and understand the recommended strategies/guidelines which are essential to achieve the goals of the plan.

Primary sources description

Staff and resources description

Additional comments (optional)

Attachments

Filename Date uploaded Uploaded by Label Description Action

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	Start Month	Task Duration (in Months)
State Grant Contracting	1	2 months
	Task Description	
	Time allowed to comp	lete contracting services for the State Grant
Task Name	Start Month	Task Duration (in Months)
Hold Public Information Meetings	3	2 months
	Task Description	
	•	etings will be held to discuss the the reasons for the plan and to gain feedback
	from local underserved Watershed Communiti	d communities on how to implement said plan in those areas. (Development of ies)
Task Name	Start Month	Task Duration (in Months)
The creation of a Columbus County Watershed Study Outline	5	3 months
	Task Description	
		ack from our public meetings, staff will begin creating a study for each local
	watershed community.	
Task Name	Start Month	Task Duration (in Months)
Watershed Assessments	8	2 months
	Task Description	
		tershed inspections on designated areas within the study outline
Task Name		tershed inspections on designated areas within the study outline Task Duration (in Months)

	Task Description All stages are identified	d and the first phase of plan writing will begin.		
Task Name Additional Public Meetings for Feedback	Start Month 15	Task Duration (in Months) 3 months		
	Task Description Two public meetings w writing	vill be held to receive oral and written comments on the first phase of plan		
Task Name Reshaping and Revising Plan	Start Month	Task Duration (in Months) 3 months		
	Task Description During this stage, we we public meetings.	will be revising the plan based on oral and written comments from previous		
Task Name Public Review of Final Plan	Start Month 21	Task Duration (in Months) 1 months		
	Task Description Final Presentation of the	ne Plan to the Public for general feedback.		
fask Name Plan Presentation to Columbus	Start Month	Task Duration (in Months) 1 months		
SWCD Board of Supervisors and the Columbus County Commissioners	Task Description Hold Public Hearings f	or the Presentation of the Final Plan.		
Task Name Adoption of the Columbus County Natershed Drainage Management	Start Month 23	Task Duration (in Months) 1 months		
Plan	Task Description Final Adoption from all boards for the Columbus County Watershed Drainage Management Plan			
timate the total duration of your propose	ed activities (in months).	23		
oposed project start and end dates				
art Date		2024-01-09		
d Date		2025-12-09		

Budget

Budget cost estimate and management cost (optional) 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. Once you have added item(s) for your cost estimate, you may then add the item(s) for management cost (optional). 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)

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. After adding items to your cost estimate, you may then select Add cost type button again to add management costs (optional) and applicable items.

Grand total: \$315,000.00

Budget type: Non construction

Cost type: Cost estimate \$300,000.00

Cost type: Management cost \$15,000.00

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.

<u>Is this an Economically Disadvantaged Rural</u>
<u>Community?</u>

This determines your federal/non-federal share ratio.
No

Proposed federal share 76.19 240000.00

Proposed non-federal 23.81 75000.00 share

\$315 000 00

Please provide justification for exceeding the allowable federal share here.

Includes the SRMC. Thanks

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: Columbus SWCD In Kind Service (Annual Budget) - For Travel/Vehicle/Repairs	100.00%	\$75,000.00

Please provide any additional comments below (optional).

Columbus SWCD and the County of Columbus will be providing In Kind Services for travel, vehicles, and general repairs to equipment in the amount of \$75,000.00

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Timeline Budget for BRIC.xlsx	10/28/2022	morgan.hayes@columbusco.org	Budget Attachments	Excel Document with Expenditures	
Committment Letter County Manager BRIC 2022.pdf	01/17/2023	morgan.hayes@columbusco.org	Budget Attachments	No description given.	

Evaluation

Is the applicant participating in the $\underline{\text{Community Rating System (CRS)}?}$

No

Is the applicant a **Cooperating Technical Partner (CTP)?**

No

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

Has the applicant adopted building codes consistent with the international codes?

Year of building code

Please provide the building code.

Have the applicant's building codes been assessed on the Building Code Effectiveness Grading Schedule (BCEGS)?

Select rating.

Describe involvement of partners to enhance the mitigation activity outcome.

Describe how this planning activity benefits your community and how the plan/data will be used to promote resiliency.

Additional comments (optional)

Yes

2018

Columbus County follows the NC 2018 Building Code in accordance to State Statute 160D.

Columbus Soil and Water, the County of Columbus, Columbus County **Emergency Services, and the Natural Resource Conservation Service are** working closely together to enhance the productivity of our natural stream channels. With this plan Columbus County will be able to address concerns related to flooding and aid in mitigation the flood risk in underserved communities after natural disasters. These high risk, underserved communities are our top priority and as partners we will be able to assist in a more uniform and quick approach. Our partners are will work together to identify all needs of these communities and develop a plan of action that will alleviate flood concerns.

The Columbus County Watershed Drainage Management Plan will be an integral tool in redirecting growth, managing impervious streambanks, and protecting natural resources. The Columbus County Watershed Drainage Management Plan will include; 1) the identification of potential of high risk communities, 2) updated and accurate maps, along with 3) debris removal guidelines, 4) engineering designs for streambank stabilization, and 5) watershed remediation practices.

Attachments

Date uploaded Uploaded by Label Description Action Filename

Comments & attachments

Community 1 comment, 0 attachments

0 comment, 0 attachments ▶ Mitigation plan

0 comment, 0 attachments Scope of work

1 comment, 2 attachments Budget

Evaluation 0 comment, 0 attachments

Assurances and certifications

SF-424B: Assurances - Non-Construction Programs

OMB Number: 4040-0007 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 cost) 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, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- 3. 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.
- 4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- 5. 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).
- 6. 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 DiscriminationAct 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 (F.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; 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.
- 7. 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.
- 8. Will comply, as applicable, with 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.
- 9. 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.
- 10. Will comply, if applicable, 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.
- 11. 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 (F.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
- 12. 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.
- 13. 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. §8469a-1 et seq.).
- 14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
- 16. 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.
- 17. 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."
- 18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
- 19. 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.