

Subapplicant information

Name of federal agency

FEMA

Type of submission

Application**ADMINISTRATIVE OFFICE**103 W TRADE ST
CALYPSO, NC 28325 United States

State	DUNS #	EIN #
NC	969004381	560947415

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)**

Amanda Monk	Primary phone	Mailing address
calypsocityof@bellsouth.net		

Point(s) of contact

Amanda Monk Town Clerk calypsocityof@bellsouth.net	Primary phone 9196589221 Work Fax	Additional phones 9102730073 Mobile	Mailing address PO Box 327 Calypso NC 28366
David Tyndall Mayor mayorofcalypso@gmail.com	Primary phone 9196589221 Work Fax	Additional phones 9192731068 Mobile	Mailing address PO Box 327 Calypso NC 28325

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
CALYPSO, TOWN OF	061	370661	N		NC-3

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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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
Sampson Duplin Regional Hazard Mitigation Plan	Local Multijurisdictional Multi-Hazard Mitigation Plan	01/01/2019
Proposed activity description		

Please provide any additional comments below (optional).

Attachments

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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)

Drainage Improvement Study - Town of Calypso, NC

Activities

Primary activity type

Develop or conduct engineering, environmental, feasibility and/or benefit cost analyses

Secondary activity type (Optional)

Geographic areas description

This project is within the corporate limits of the Town of Calypso in Duplin County, North Carolina, specifically the six areas of concern denoted on the

Calypso Storm Drainage System Report (2022) and labeled as Areas 1 through 6 (see pages 4-6 on the report). They are listed as follows: - 1. Vicinity of NW Center Street and Warren Street. - 2. Ditch running parallel and between NW Center Street and N Fourth Street (mostly between Carolina Street and W Church Street). - 3. E Church Street from SE Center Street to "Line A" identified on map. - 4. E. Church Street approximately 300 feet west of S Third Street. - 5. S Second Street. - 6. S First Street ditch crossing.

Community lifelines

Primary community lifeline

Safety and security

Primary sub-community lifeline

Government service

Secondary community lifeline (optional)

Transportation

Secondary sub-community lifeline

Highway/roadway/motor vehicle

Tertiary community lifeline (optional)

Health and medical

Tertiary sub-community lifeline

Patient movement

Hazard sources

Primary hazard source

Flooding

Secondary hazard source (optional)

Severe storm

Tertiary hazard source (optional)

Tropical cyclone (Hurricane/Typhoon)

How will the mitigation activity be implemented?

The Town had an engineering report completed in January 2022 that accessed the condition and issues with their stormwater drainage system. The report identified areas of stormwater concern and provided general recommendations for improvements. The Town has suffered flooding issues due to an inadequate stormwater drainage system, and the Town would like to upgrade and modernize their stormwater drainage system using nature-based and hybrid solutions where possible. The proposed mitigation activity is focused on six locations (labeled as Areas of Concern and Isolated Areas of Concern) noted in the report. Stormwater infrastructure in each area is lacking in capacity. There is significant flooding in Area 1, localized flooding in Area 2, and localized ponding in Area 3. A structure has been built on top of an existing concrete drainage pipe in Area 4. There is an accumulation of runoff in Area 5 and road flooding in Area 6. The 2022 report provides multiple recommendations including systemwide improvements, updated maintenance practices, and standards for future development. It also makes other specific recommendations for areas of concern that require the most immediate attention, such as Area 1. One recommendation (for Area 1) is a conversion of property to a public park and/or detention pond for the Town's stormwater drainage system. Along with alleviating flooding in this area of concern, the report states it would also alleviate drainage issues downstream (possibly Area 2). The purpose of this mitigation activity is to explore solutions for all six locations. Solutions could include promoting infiltration and disbursement of stormwater as well as increasing permeable surface area. Again, nature-based and hybrid solutions are preferred where possible.

What is the scope of work of the proposal? Will it result in a complete project application for future funding opportunities?

The proposal is for a study and cost estimate for stormwater improvements in the specified geographic areas. The selected areas are based on the findings and recommendations of the 2022 report. The following services are proposed for each area: - Base mapping created in GIS or topographic survey. - Geotechnical investigation. - Watershed evaluation. - Development of initial mitigation steps (or development of mitigation strategies). - Preliminary engineering design and cost estimating. - Graphic report with project recommendations. Community outreach would also be included. The results of this project would be used to pursue future funding opportunities.

Who will manage and complete the mitigation activity?

The activity will be managed by Eastern Carolina Council of Governments. A consultant will complete the feasibility study and engineering cost estimate.

As outlined in the BRIC 2022 NOFO, sub-recipient management costs (SRMC) activities may include: - 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). - Staff salary costs directly related to performing the activities listed.

What are you doing to consider other risks in the project area?

This project is primarily focused on alleviating flooding within the Town caused by large precipitation events. Flooding often affect public streets and can impede transportation access. This lack of access could affect the mobility of residents and affect the delivery of vital government services, which could lead to a multitude of problems during a natural disaster. Inundation by floodwaters could increase maintenance costs for the Town and damage private property, both of which could cause serious financial issues for a small and vulnerable community.

Is there an estimate for when the mitigation activity will take place?

Approximately two years starting when all funding becomes available.

What alternatives will be considered?

There is a narrow range of alternatives considering financial constraints, nature of identified hazards, and the relatively small geographic size and limited capacity of the Town's current stormwater drainage system. Nature-based, constructed, and hybrid solutions would ideally be considered and compared. Preferred solutions would be cost-effective and easy to maintain for a small community. The engineering report has an alternative recommendation for the area of interest which involves elevating impacted homes.

Do activities being considered align with hazard mitigation plan?

Yes. Action D2 on Table 9-1 in the hazard mitigation plan (page 9-3) - "Locate different funding sources that can aid in the improvement of drainage within the county caused by regular Inland Flooding events (such as grants through CDBG, DEQ, etc.)."

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
sampson-duplin regional hazard mitigation plan - page 9-3.pdf	11/16/2022	cgideon@eccog.org	Scope of Work Attachments	Sampson-Duplin Regional Hazard Mitigation Plan page 9-3.	
report - cover page.pdf	11/16/2022	cgideon@eccog.org	Scope of Work Attachments	Report cover page.	
report - recommendations.pdf	11/16/2022	cgideon@eccog.org	Scope of Work Attachments	Report pages 18 through 22.	
report - identified areas of concern and map.pdf	11/16/2022	cgideon@eccog.org	Scope of Work Attachments	Report pages 4 through 6.	

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 Study	Start Month 3	Task Duration (in Months) 24 months	Task Description Feasibility study and engineering cost estimate
Task Name State Grant Contracting	Start Month 1	Task Duration (in Months) 2 months	

Task Description
State Grant Contracting

Estimate the total duration of your proposed activities (in months). **26**

Proposed project start and end dates

Start Date **2024-01-01**

End Date **2026-02-28**

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: \$210,000.00

Budget type: Non construction

▶	Cost type: Cost estimate	\$200,000.00
▶	Cost type: Management cost	\$10,000.00

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.

<p>Is this an Economically Disadvantaged Rural Community? ⓘ</p> <p>This determines your federal/non-federal share ratio. Yes</p>		% Percentage	\$ Dollar amount
	Proposed federal share	90.48	190000.00
	Proposed non-federal share	9.52	20000.00
			<small>Based on total Budget cost: \$210,000.00</small>
	<p>Please provide justification for exceeding the allowable federal share here.</p> <p>As per the 2022 BRIC NOFO (Economically Disadvantaged Rural Community). See attached evidence.</p>		

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: cash	100.00%	\$20,000.00

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC Local Match Fund Commitment Letter 12.30.2022.pdf	01/03/2023	cgideon@eccog.org	Budget Attachments	Commitment letter for \$20,000.	
BRIC2022-Calypto-CCB-EDRCEvidence.pdf	01/19/2023	kaine.riggan@ncdps.gov	Budget Attachments	EDRC Evidence	

Cost-effectiveness

How was cost-effectiveness determined for this project?

Not applicable

Please explain why this project is not applicable.

This is a capability and capacity building (C&CB) project.

Please provide any additional comments below (optional).

Attachments

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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 **2018**

Please provide the building code. **<https://www.ncosfm.gov/codes/codes-current-and-past>**

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

Select rating. **4**

Describe involvement of partners to enhance the mitigation activity outcome. **The project will be completed with the Eastern Carolina Council of Governments providing management/administrative assistance and a consultant providing engineering/technical assistance.**

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC2022-Calypto-CCB-EDRCevidence.pdf	01/19/2023	kaine.riggan@ncdps.gov	Evaluation Attachments	EDRC Evidence	

Comments & attachments

▶ Community	0 comment, 0 attachments
▶ Mitigation plan	0 comment, 0 attachments
▶ Scope of work	0 comment, 4 attachments
▶ Budget	0 comment, 2 attachments
▶ Cost-effectiveness	0 comment, 0 attachments
▶ Evaluation	0 comment, 1 attachments

Assurances and certifications

OMB number: 4040-0007, Expiration Date: 02/28/2025 [View burden statement](#)

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:

- 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.
- 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.
- 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.
- Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- 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).
- 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; 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.
- 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.
- 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.
- 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. §§469a-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.