

2692 - CID515525_FairfaxCounty_CFPF-4

Application Details

Funding Opportunity:	
2335-Virginia Community Flood Preparedness Fund - Capacity Building/Planning Grants - CY24 Round 5	
Funding Opportunity Due Date:	Mar 28, 2025 11:59 PM
Program Area:	Virginia Community Flood Preparedness Fund
Status:	Under Review
Stage:	Final Application
Initial Submit Date:	Jan 24, 2025 11:13 AM
Initially Submitted By:	Xiaoyue Zhen
Last Submit Date:	
Last Submitted By:	

Contact Information

Primary Contact Information

Active User*:	Yes			
Type:	External User			
Name*:	Dr.	Xiaoyue	"Jenny"	Zhen
	Salutation	First Name	Middle Name	Last Name
Title:				
Email*:	xiaoyue.zhen@fairfaxcounty.gov			
Address*:	12000 Government Center Parkway			
	Fairfax	Virginia	22035	
	City	State/Province	Postal Code/Zip	
Phone*:	571-668-1497 Ext.			
	Phone			
	###-###-####			
Fax:	###-###-####			
Comments:				

Organization Information

Status*: Approved

Name*: FAIRFAX COUNTY

Organization Type*: Local Government

Tax ID*: 54-0787833

Unique Entity Identifier (UEI)*: 074837626

Organization Website:

Address*: 12000 Government Center Parkway
Suite 552

Phone*: Fairfax Virginia 22035-
City State/Province Postal Code/Zip
(703) 324-2183 Ext.
###-###-####

Fax: ###-###-####

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: Fairfax County

Your locality's CID number can be found at the following link: [Community Status Book Report](#)

NFIP/DCR Community Identification Number (CID)*: 515525

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: Bryan Hill
First Name Last Name

Mailing Address*: 12000 Government Center Pkwy
Address Line 1
Suite 552
Address Line 2
Fairfax Virginia 22035
City State Zip Code

Telephone Number*: 703-324-2531

Cell Phone Number*: 703-324-2531

Email*: cexbryanhill@fairfaxcounty.gov

Is the contact person different than the authorized individual?

Contact Person*: Yes

Contact: Joni Calmbacher
First Name Last Name
12000 Government Center Pkwy
Address Line 1
Suite 449
Address Line 2
Fairfax Virginia 22035
City State Zip Code

Telephone Number: 170-332-4218

Cell Phone Number: 170-332-4218

Email Address: joni.calmbacher@fairfaxcounty.gov

Enter a description of the project for which you are applying to this funding opportunity

Project Description*:

This capacity building is to add a new Engineer IV position in the Stormwater Planning Division. The position will serve as a senior engineer responsible for leading and coordinating flood risk reduction efforts and other initiatives within the Division and leading the County's neighborhood stormwater improvement program.

Low-income geographic area means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Is the proposal in this application intended to benefit a low-income geographic area as defined above?

Benefit a low-income geographic area*: No

Information regarding your census block(s) can be found at census.gov

Census Block(s) Where Project will Occur*: 51-059

Is Project Located in an NFIP Participating Community?* Yes

Is Project Located in a Special Flood Hazard Area?* Yes

Flood Zone(s) (if applicable): A, AE, X

Flood Insurance Rate Map Number(s) (if applicable):

Eligibility - Round 4

Is the applicant a local government (including counties, cities, towns, municipal corporations, authorities, districts, commissions, or political subdivisions created by the General Assembly or pursuant to the Constitution or laws of the Commonwealth, or any combination of these)?

Local Government*: Yes
Yes - Eligible for consideration
No - Not eligible for consideration

If the applicant is not a town, city, or county, are letters of support from all affected local governments included in this application?

Letters of Support*: No
Yes - Eligible for consideration
No - Not eligible for consideration

Has this or any portion of this project been included in any application or program previously funded by the Department?

Previously Funded*: No
Yes - Not eligible for consideration
No - Eligible for consideration

Has the applicant provided evidence of an ability to provide the required matching funds?

Evidence of Match Funds*: Yes
Yes - Eligible for consideration
No - Not eligible for consideration
N/A - Match not required

Scoring Criteria for Capacity Building & Planning - Round 4

Scoring

Eligible Capacity Building and Planning Activities (Select all that apply) – Maximum 100 points. To make multiple selections, Hold CTRL and click the desired items.

Capacity Building and Planning*: Floodplain Staff Capacity

Is the project area socially vulnerable? (based on ADAPT Virginia's Social Vulnerability Index Score)

Social Vulnerability Scoring:

Very High Social Vulnerability (More than 1.5)

High Social Vulnerability (1.0 to 1.5)

Moderate Social Vulnerability (0.0 to 1.0)

Low Social Vulnerability (-1.0 to 0.0)

Very Low Social Vulnerability (Less than -1.0)

Socially Vulnerable*: Moderate Social Vulnerability (0.0 to 1.0)

Is the proposed project part of an effort to join or remedy the community's probation or suspension from the NFIP?

NFIP*: No

Is the proposed project in a low-income geographic area as defined below?

"Low-income geographic area" means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Low-Income Geographic Area*: No

Does this project provide "community scale" benefits?

Community Scale Benefits*: More than one census block

Comments:

The County has mixed low, moderate, high, and very high social vulnerability.

Also see scoring sheet in attachment: Appendix D

Scope of Work and Budget Narrative - Capacity Building and Planning - Round 4

Scope of Work - General Information**Upload your Scope of Work**

Please refer to Part IV, Section B. of the grant manual for guidance on how to create your scope of work

Scope of Work Attachment*: 1. Scope of Work.docx

Comments:***Budget Narrative***

Budget Narrative Attachment*: 2. Budget Narrative.docx

Comments:

Scope of Work Supporting Information - Capacity Building and Planning

Scope of Work Supporting Information

Describe identified resource needs including financial, human, technical assistance, and training needs

Resource need identification*:

The Department of Public Works and Environmental Services (DPWES) Stormwater Planning Division (SWPD) is dedicated to enhancing and safeguarding the County's natural environment and infrastructure from the impacts of flooding and stormwater runoff. The neighborhood stormwater improvement program, which has experienced significant growth in recent years, requires a senior engineer to lead and coordinate flood risk reduction initiatives, plan new projects, and support the implementation of ongoing projects.

Describe the plan for developing, increasing, or strengthening knowledge, skills and abilities of existing or new staff.

This may include training of existing staff, hiring personnel, contracting consultants or advisors

Development of Existing or New**Staff*:**

To fund an Engineer IV staff position within the DPWES SWPD, this application will seek funding under the Virginia Department of Conservation and Recreation (DCR) Community Flood Preparedness Fund (CFPF) Round 5, 'Building Capacity and Planning' category. This position will be under the general supervision of the Planning Section Chief of SWPD.

The position will serve as a senior engineer responsible for leading and coordinating flood risk reduction efforts and other initiatives within the Stormwater Planning Division and leading the County's neighborhood stormwater improvement program. Additionally, the position incumbent will ensure effective management and implementation of projects aimed at mitigating flood risks and enhancing community resilience.

Where capacity is limited by funding, what strategies will be developed to increase resources in the local government? (This may include work with non-governmental organization, or applying for grants, loans, or other funding sources)

Resource Development**Strategies*:**

The County is currently preparing a draft flood risk reduction policy and a repetitive loss area analysis report to initiate new programs and implement flood mitigation projects both within and outside the defined floodplain, depending on the specific flooding issues. A senior engineer is required to work on these projects and coordinate and lead these efforts, which require funding from the DCR under the Capacity Building and Planning program. Specific tasks related to flood mitigation projects may include:

- * Project management
- * Engineering design
- * Performing and reviewing hydrologic engineering computations
- * Developing scopes of work
- * Negotiating contracts
- * Analyzing and assessing existing and proposed design solutions
- * Evaluating project benefits, schedules, budgets, and construction cost estimates

By fulfilling these responsibilities, the position will play a crucial role in supporting the County's flood risk reduction and mitigation efforts.

Describe policy management and/or development plans

Policy management and/or development*:

The County has established requirements for development controls in the floodplain through zoning and the local floodplain ordinance. To address recent repetitive floodings, the County is in the process of developing a repetitive loss area analysis report.

The position incumbent will work on the Flood Risk Reduction Plan and address multiple County initiatives, including One Fairfax, Resilient Fairfax, and the Strategic Plan. For the flood risk reduction effort, the engineer will document existing flood risk reduction measures, plan new initiatives, and implement ongoing projects. This role is crucial for enhancing the County's resilience to flooding and supporting its broader strategic goals.

Specific proposed programs that this position will support include:

- i. Future grant programs. In addition to grants for voluntary acquisition of properties subjected to repetitive loss, this position will support grant applications that focus on erosion prevention and control for channels and swales threatening private or common interest properties, and areaway protection and disconnect from sanitary sewers to prevent flooding.
- ii. Easement program. This position will identify where the County should obtain additional storm drainage easements and assume maintenance responsibility.
- iii. Targeted Community Outreach to Vulnerable Communities. The position will also support increased outreach and updated materials on the availability of programs and targeted outreach for vulnerable communities susceptible to flooding.

Describe plans for stakeholder identification, outreach, and education strategies

Stakeholder identification, outreach, and education strategies*:

To manage the floodplain and drainage issues throughout the County, it is required to hire an individual who handles complex and technically challenging projects, ensuring effective project coordination and communication with resident groups, private property owners, senior county staff, elected and appointed officials, county, state, and federal agencies, and utility companies. The hired employees' key responsibilities include identifying strategies to reduce flood risk, which may involve initiating new programs and implementing flood mitigation projects.

Budget

Budget Summary

Grant Matching Requirement*:

Planning and Capacity Building - Fund 75%/Match 25%

*Match requirements for Planning and Capacity Building in low-income geographic areas will not require match for applications requesting less than \$3,000.

Is a match waiver being requested?

Match Waiver Request No

Note: only low-income communities are eligible for a match waiver.

*:

Total Project Amount (Request + Match)*: \$967,660.91
**This amount should equal the sum of your request and match figures

REQUIRED Match Percentage Amount: \$241,915.23

BUDGET TOTALS

Before submitting your application be sure that you meet the match requirements for your project type.

Match Percentage:

25.00%

Verify that your match percentage matches your required match percentage amount above.

Total Requested Fund Amount: \$725,745.68

Total Match Amount: \$241,915.23

TOTAL: \$967,660.91

Personnel

Description	Requested Fund Amount	Match Amount	Match Source
salary for new position	\$470,508.75	\$156,836.25	County budget
	\$470,508.75	\$156,836.25	

Fringe Benefits

Description	Requested Fund Amount	Match Amount	Match Source
Fringe benefit for new position	\$251,486.93	\$83,828.98	County budget
	\$251,486.93	\$83,828.98	

Travel

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Equipment

Description	Requested Fund Amount	Match Amount	Match Source
	\$3,750.00	\$1,250.00	

Description	Requested Fund Amount	Match Amount	Match Source
Computer	\$3,750.00	\$1,250.00	
	\$3,750.00	\$1,250.00	

Supplies

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Construction

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Contracts

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Pre-Award and Startup Costs

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Other Direct Costs

Description	Requested Fun Amount	Match Amount	Match Source
No Data for Table			

Supporting Documentation - General

Supporting Documentation

Named Attachment	Required Description	File Name	Type	Size	Upload Date
Detailed map of the project area(s) (Projects/Studies)					
FIRMette of the project area(s) (Projects/Studies)					
Historic flood damage data and/or images (Projects/Studies)					
A link to or a copy of the current floodplain ordinance	Floodplain ordinance	4_Floodplain Ordinance.docx	docx	612 KB	01/22/2025 07:50 PM
Maintenance and management plan for project					

Named Attachment	Required Description	File Name	Type	Size	Upload Date
A link to or a copy of the current hazard mitigation plan	Hazard Mitigation Plan	6_Floodplain Management Plan 2024.pdf	pdf	750 KB	01/24/2025 11:07 AM
A link to or a copy of the current comprehensive plan	comprehensive plan	7_FairfaxCounty Comprehensive Plan.pdf	pdf	2 MB	01/22/2025 08:46 PM
Social vulnerability index score(s) for the project area	social vulnerability index	8_Social Vulnerability Index.docx	docx	72 KB	01/22/2025 08:48 PM
Authorization to request funding from the Fund from governing body or chief executive of the local government	Authorization letter from CEX	10_Authorization letter from CEX.docx.pdf	pdf	420 KB	01/23/2025 07:27 PM
Signed pledge agreement from each contributing organization					
Maintenance Plan					
<i>Benefit-cost analysis must be submitted with project applications over \$2,000,000. in lieu of using the FEMA benefit-cost analysis tool, applicants may submit a narrative to describe in detail the cost benefits and value. The narrative must explicitly indicate the risk reduction benefits of a flood mitigation project and compares those benefits to its cost-effectiveness.</i>					
Benefit Cost Analysis					
Other Relevant Attachments	Appendix A	Appendix A.pdf	pdf	373 KB	01/23/2025 07:28 PM

Letters of Support

Description	File Name	Type	Size	Upload Date
Appendix B. Budget Narrative	Appendix B.pdf	pdf	460 KB	01/24/2025 11:11 AM
Appendix C: application checklist	Appendix C.pdf	pdf	59 KB	01/23/2025 07:38 PM
Appendix D: Scoring Sheet	Appendix D.pdf	pdf	85 KB	01/23/2025 07:37 PM