

2704 - The City of Richmond's stormwater inventory update Phase 2

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 7:29 PM
Initially Submitted By:	John Murphy
Last Submit Date:	
Last Submitted By:	

Contact Information

Primary Contact Information

Active User*:	Yes
Type:	External User
Name*:	Mr. John Patrick Murphy
	Salutation First Name Middle Name Last Name
Title:	
Email*:	johmurphy@gfnet.com
Address*:	8358 Luce Court
	SPRINGFIELD Virginia 22153
	City State/Province Postal Code/Zip
Phone*:	571-217-7625 Ext.
	Phone
	###-###-####
Fax:	###-###-####
Comments:	

Organization Information

Status*: Approved

Name*: Gannett Fleming

Organization Type*:

Tax ID*: 25-1613591

Unique Entity Identifier (UEI)*: HLNDLH9XRTU9

Organization Website: <http://www.gannettfleming.com/>

Address*: 4097 Monument Corner Dr Suite 500

Phone*: Fairfa Virginia 22030-
City State/Province Postal Code/Zip
703-277-9501 Ext.
###-###-####

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

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: City of Richmond

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

NFIP/DCR Community 510129

Identification Number (CID)*:

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: William Boston
First Name Last Name

Mailing Address*: 1801 Commerce Road
Address Line 1
Address Line 2

Richmond Virginia 23224
City State Zip Code

Telephone Number*: 804-646-8161

Cell Phone Number*: 804-229-8949

Email*: william.boston2@rva.gov

Is the contact person different than the authorized individual?

Contact Person*: Yes

Contact: John Murphy
First Name Last Name
4097 Monument Corner Drive
Address Line 1
Suite 500
Address Line 2
Fairfax Virginia 22030
City State Zip Code

Telephone Number: 571-217-7625

Cell Phone Number: 571-217-7625

Email Address: johmurphy@gfnet.com

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

Project Description*:

The purpose of this project is to update the City of Richmond's stormwater asset inventory geodatabase. There are significant gaps of asset data in Richmond's current master asset geodatabase, and this capacity building and planning project aims to fill these gaps in stormwater data through desktop review of available digitized files and field investigation. The priority neighborhoods have already been identified. These efforts will improve capital planning and emergency preparedness.

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*: Yes

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

Census Block(s) Where Project will Occur*:

Block Codes 517600604001000-517600710031014. See supporting attachment for full list.

Is Project Located in an NFIP Participating Community?* Yes

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

Flood Zone(s) (if applicable):

Flood Insurance Rate Map

Number(s)

(if applicable):

5101290019D, 5101290057D, 5101290076D, 5101290038D, 5101290077D, 5101290078D,
5101290079D, 5101290083D

Eligibility - Round 4

Eligibility

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*: N/A
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*:

Other Capacity Building and Planning Activities, Resource assessments, planning, strategies, and development - Policy management and/or development

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*: Very High Social Vulnerability (More than 1.5)

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*: Yes

Does this project provide "community scale" benefits?

Community Scale Benefits*: More than one census block

Comments:

This project benefits 13 census tracts and over 600 census blocks.

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*: CID510129_CityofRichmond_CFPF_ScopeofWorkNarrative.pdf

Comments:

The City of Richmond's stormwater inventory update Phase 2 - General Scope of Work

Budget Narrative

Budget Narrative Attachment*: CID510129_CityofRichmond_CFPF_BudgetNarrative.pdf

Comments:

The City of Richmond's stormwater inventory update Phase 2 - Budget Narrative Breakdown

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 City of Richmond DPU has utilized its current on call consultant to perform the DCR CFPF Round 4 Grant - City of Richmond Proposal to update The City of Richmond's stormwater inventory. Due to ongoing staffing needs across the City of Richmond DPU and the intensive financial, human, and technical resources required for this project, it has been determined that the current on-call clients will deliver this project.

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*:

This project offers the opportunity for the City of Richmond GIS staff to re-engage with the master asset geodatabase and update it on a quarterly basis with the submitted updated geodatabases. This practice will be an excellent time to introduce new or less experienced City staff to the GIS master file update procedure. Giving more staff experience with these files will increase the stability of the GIS knowledge within the City especially as many staff members have retired or left in the past year.

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*:

An appropriate level of funding will be important for success with the City's approach to integrated planning on a sub-watershed basis. The various City programs involved in this planning and implementation effort, including the stormwater department, have funding mechanisms readily available to them. Specific funding for this project will rely on the FY 2025-2029 Stormwater Facilities Improvements budget. If any funding gaps are identified the City would likely pursue a loan to cover costs, but this seems unlikely due to the allocated stormwater budget and lack of conflicting projects in the pipeline.

Describe policy management and/or development plans

Policy management and/or development*:

It is essential that the City of Richmond's stormwater geodatabase accurately reflects all existing assets to best plan for the future, serve residents in an equitable manner, enhance public safety, and understand and manage environmental impacts. Without this work, the 8th and 9th districts would remain uninformed and at risk. The new updated and accurate mapping will help develop future stormwater capital improvement projects, better identification of vulnerable neighborhoods to best allocate resources equitably, disaster response plans to protect vulnerable residential communities, and appropriate environmental management practices.

Describe plans for stakeholder identification, outreach, and education strategies

Stakeholder identification, outreach, and education strategies*:

As this project requires field investigation in residential neighborhoods along public right of way and often on private property, there will be ample stakeholder identification, outreach, and support. Before field crews enter neighborhoods, a survey notice will be sent to all affected residents at least one week before survey. The survey notice will contain educational information regarding the purpose of the project and what to expect when field crews enter the neighborhood. Informational door hangers will be placed one to two days prior to entering the field. The notice encourages stakeholders to reach out and voice any concerns they may have. Stakeholders are also encouraged to share any flooding experiences they may have had in the area to help inform the field crews.

The City of Richmond DPU will also create an informational flyer housed on the RVAH2O.org website to educate stakeholders on the purpose of this project. The RVAH2O.org website also contains educational information on ways to keep the City's waterways pollution free and the importance of integrating drinking water, wastewater, and stormwater under one watershed management program.

Incorporating this project into the City's RVAH2O outreach program, will enhance the credibility of this project as it is a well-known and appreciated program in the City.

Budget

Budget Summary

Grant Matching Requirement*:

LOW INCOME - Planning and Capacity Building - Fund 90%/Match 10%

*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.

*:

I certify that my project is in a low-income geographic area: Yes

Total Project Amount (Request + Match)*: \$1,896,560.00
**This amount should equal the sum of your request and match figures

REQUIRED Match Percentage Amount: \$189,656.00

BUDGET TOTALS

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

Match Percentage:

10.00%

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

Total Requested Fund Amount: \$1,706,904.00

Total Match Amount: \$189,656.00

TOTAL: \$1,896,560.00

Personnel

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

Fringe Benefits

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

Travel

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

Equipment

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

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
Consultant - Program Managment	\$204,828.00	\$22,759.00 City of Richmond DPU SW CIP
Consultant - GIS Desktop Review and Update	\$1,075,350.00	\$119,483.00 City of Richmond DPU SW CIP
Consultant - Field Invvestigation	\$426,726.00	\$47,414.00 City of Richmond DPU SW CIP
	\$1,706,904.00	\$189,656.00

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
Detailed map of the project area(s) (Projects/Studies)	Detailed Project Area Map of Round 5 Priority Neighborhoods 11-30	CID510129_CityofRich

Named Attachment	Required Description	File Name
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	https://library.municode.com/va/richmond/codes/code_of_ordinances?nodeId=PTIICICO_CH14FLMAERSECODR	CID510129_CityOfRich
Maintenance and management plan for project	Project Data Maintenance and Management Plan	CID510129_CityOfRich
A link to or a copy of the current hazard mitigation plan	Richmond Crater Hazard Mitigation Plan	CID510129_CityOfRich
A link to or a copy of the current comprehensive plan	Richmond 300 Master Plan and Clean Water Plan Combined	CID510129_CityOfRich
Social vulnerability index score(s) for the project area	VFRIS Exported SVI Map	CID510129_CityOfRich
Authorization to request funding from the Fund from governing body or chief executive of the local government	Signed Pledge and Resilience Plan Authorization	CID510129_CityOfRich
Signed pledge agreement from each contributing organization	Signed Pledge Agreement	CID510129_CityOfRich
Maintenance Plan	Maintenance Plan	CID510129_CityOfRich
<i>Benefit-cost analysis must be submitted with project applications over \$2,000,000. in lieu of using the FEMA benefit-cost analysis benefits of a flood mitigation project and compares those benefits to its cost-effectiveness.</i>		
Benefit Cost Analysis		
Other Relevant Attachments	Census Block Codes	CID510129_CityOfRich

Named

Attachment

Required Description

File Name

Letters of Support

Description

File Name

Type

Size

Upload Date

No files attached.