

Application for Federal Assistance SF-424

*** 1. Type of Submission:**

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

*** 2. Type of Application:**

- ☒ New
☐ Continuation
☐ Revision

*** If Revision, select appropriate letter(s):**

*** Other (Specify):**

*** 3. Date Received:**

10/21/2025

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*** a. Legal Name:** City of North Miami Beach

*** b. Employer/Taxpayer Identification Number (EIN/TIN):**

59-6000389

*** c. UEI:**

HH2TCR67J7E8

d. Address:

*** Street1:** 17011 NE 19th Avenue

Street2:

*** City:** North Miami Beach

County/Parish:

Miami-Dade

*** State:** FL: Florida

Province:

*** Country:** USA: UNITED STATES

*** Zip / Postal Code:** 331623112

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

*** First Name:**

Andrew

Middle Name:

*** Last Name:** Plotkin

Suffix:

Title: Interim City Manager

Organizational Affiliation:

*** Telephone Number:** 305-948-2901

Fax Number:

*** Email:** Andrew.Plotkin@CityNMB.com

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Assistance Listing Number:

66 . 202

Assistance Listing Title:

Congressionally Mandated Projects

* 12. Funding Opportunity Number:

EPA-CEP-01

* Title:

EPA Mandatory Grant Programs

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Drainage Improvement Projects - Highland Village and NE 10 Avenue

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424			
16. Congressional Districts Of:			
* a. Applicant	FL - 024	* b. Program/Project	FL - 024
Attach an additional list of Program/Project Congressional Districts if needed.			
	Add Attachment	Delete Attachment	View Attachment
17. Proposed Project:			
* a. Start Date:	01/12/2026	* b. End Date:	12/17/2027
18. Estimated Funding (\$):			
* a. Federal	1,141,038.00		
* b. Applicant	0.00		
* c. State	0.00		
* d. Local	0.00		
* e. Other	0.00		
* f. Program Income	0.00		
* g. TOTAL	1,141,038.00		
* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?			
☐ a. This application was made available to the State under the Executive Order 12372 Process for review on			
☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.			
☒ c. Program is not covered by E.O. 12372.			
* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)			
☐ Yes ☒ No			
If "Yes", provide explanation and attach			
	Add Attachment	Delete Attachment	View Attachment
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)			
☒ ** I AGREE			
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.			
Authorized Representative:			
Prefix:		* First Name:	Andrew
Middle Name:			
* Last Name:	Plotkin		
Suffix:			
* Title:	Interim City Manager		
* Telephone Number:	305-948-2901	Fax Number:	
* Email:	Andrew.Plotkin@CityNMB.com		
* Signature of Authorized Representative:	LaSonya R Starlin	* Date Signed:	10/21/2025

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 06/30/2028

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Assistance Listing Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA Grant - Clean Water State Revolving Fund	66.458	\$	\$	\$ 1,141,038.00	\$	\$ 1,141,038.00
2.						
3.						
4.						
5. Totals		\$	\$	\$ 1,141,038.00	\$	\$ 1,141,038.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	EPA Grant - Clean Water State Revolving Fund				
a. Personnel	\$	\$	\$	\$	\$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction	1,141,038.00				1,141,038.00
h. Other					
i. Total Direct Charges (sum of 6a-6h)	1,141,038.00				\$ 1,141,038.00
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 1,141,038.00	\$	\$	\$	\$ 1,141,038.00
7. Program Income	\$	\$	\$	\$	\$

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	EPA Grant - Clean Water State Revolving Fund	\$	\$	\$	\$
9.					
10.					
11.					
12. TOTAL (sum of lines 8-11)		\$	\$	\$	\$
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 600,000.00	\$ 250,000.00	\$ 150,000.00	\$ 100,000.00	\$ 100,000.00
14. Non-Federal	\$				
15. TOTAL (sum of lines 13 and 14)	\$ 600,000.00	\$ 250,000.00	\$ 150,000.00	\$ 100,000.00	\$ 100,000.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b)First	(c) Second	(d) Third	(e) Fourth
16.	EPA Grant - Clean Water State Revolving Fund	\$ 600,000.00	\$ 541,038.00	\$	\$
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)		\$ 600,000.00	\$ 541,038.00	\$	\$
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:		22. Indirect Charges:			
23. Remarks:					



Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name:

Address:

City:

State: Zip Code:

B. Unique Entity Identifier (UEI):

C. Applicant/Recipient Point of Contact

Name:

Phone:

Email:

Title:

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

- VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)
- ☒ Yes ☐ No
- a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No
- b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☐ Yes ☐ No
- c. Does the notice identify a designated civil rights coordinator? ☐ Yes ☐ No
- VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No
- IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No
- X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

- XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official

LaSonya R Starlin

B. Title of Authorized Official

Interim City Manager

C. Date

10/21/2025

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. *Signature of Authorized EPA Official

B. Title of Authorized Official

C. Date

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations. Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.



EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name:	Prefix:		First Name:	Andrew	Middle Name:	
	Last Name:	Plotkin			Suffix:	
Title:	Interim City Manager					
Complete Address:						
Street1:	17011 NE 19th Avenue					
Street2:	City Hall, Room 401					
City:	North Miami Beach	State:	FL: Florida			
Zip / Postal Code:	33162	Country:	USA: UNITED STATES			
Phone Number:	305-948-2900 ext 14102		Fax Number:			
E-mail Address:	Andrew.Plotkin@CityNMB.com					

Payee: *Individual authorized to accept payments.*

Name:	Prefix:		First Name:	Tarik	Middle Name:	
	Last Name:	Rahmani			Suffix:	
Title:	Chief Financial Officer					
Complete Address:						
Street1:	17011 NE 19th Avenue					
Street2:	City Hall, 3rd Floor					
City:	North Miami Beach	State:	FL: Florida			
Zip / Postal Code:	33162	Country:	USA: UNITED STATES			
Phone Number:	305-787-6000 ext. 13001		Fax Number:			
E-mail Address:	Tarik.Rahmani@citynmb.com					

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name:	Prefix:		First Name:	Frandlely	Middle Name:	
	Last Name:	Defilie			Suffix:	
Title:	Senior Management Analyst					
Complete Address:						
Street1:	17011 NE 19 Avenue					
Street2:	City Hall, Room 405					
City:	North Miami Beach	State:	FL: Florida			
Zip / Postal Code:	33162	Country:	USA: UNITED STATES			
Phone Number:	305-948-2900 ext 14104		Fax Number:			
E-mail Address:	Frandlely.Defilie@CityNMB.com					

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: **First Name:** **Middle Name:**
Last Name: **Suffix:**
Title:

Complete Address:

Street1:
Street2:
City: **State:**
Zip / Postal Code: **Country:**

Phone Number: **Fax Number:**

E-mail Address:

Project Narrative File(s)

* Mandatory Project Narrative File Filename: 1234-NMB EPA Community Grant Workplan Highland Village

Add Mandatory Project Narrative File

Delete Mandatory Project Narrative File

View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File

Delete Optional Project Narrative File

View Optional Project Narrative File

CITY OF NORTH MIAMI BEACH – WORK PLAN

HIGHLAND VILLAGE STORMWATER IMPROVEMENTS

CITY OF NORTH MIAMI BEACH

FLORIDA, NORTH MIAMI BEACH

Project Objective and Need:

The Highland Village Stormwater Improvements Project addresses critical stormwater management issues in the City of North Miami Beach, particularly within the Highland Village neighborhood. This area has experienced persistent flooding due to insufficient drainage infrastructure, impacting on residents, traffic, and property integrity. The project is essential to enhance stormwater conveyance, improve resilience against heavy rainfall, and ensure compliance with Miami-Dade County Department of Environmental Resource Management (DERM) and South Florida Water Management District (SFWMD) regulations.

Highland Village's aging stormwater infrastructure lacks adequate retention and conveyance capacity, leading to frequent localized flooding and associated property damage. The absence of sufficient drainage mechanisms allows stormwater runoff to accumulate rapidly, affecting both residential properties and road networks. Additionally, without proper management, stormwater pollutants can enter local waterways, posing environmental risks to the surrounding ecosystem.

The Highland Village Stormwater Improvements Project will address these challenges by implementing modernized drainage solutions, including:

- **Installation of HDPE and DIP Stormwater Pipes:** Upgraded piping will improve water conveyance, reducing flooding and enhancing drainage system efficiency.
- **Construction of FDOT J-Manholes:** The project includes new 48"x48" and 60"x60" manholes to facilitate effective stormwater collection and distribution.
- **Installation of Check Valves and Line Stops:** These components will provide better flow control and prevent backflow, improving system reliability.
- **Utility Coordination and Conflict Mitigation:** Ensuring seamless integration of new drainage infrastructure with existing utilities to prevent disruptions.
- **Regulatory Compliance Enhancements:** The project will align with DERM and SFWMD guidelines, ensuring proper stormwater treatment before discharge.
- **Pavement and Roadway Restoration:** Includes necessary resurfacing and road rehabilitation to maintain safe and functional transportation corridors.

By implementing these improvements, Highland Village will experience enhanced flood resilience, reduced maintenance costs, and improved living conditions for residents. The upgraded infrastructure will ensure sustainable stormwater management, safeguarding the community from extreme weather impacts and promoting environmental health.

Project Description:

The Highland Village Stormwater Improvements Project aims to enhance stormwater management by upgrading drainage infrastructure, including the installation of HDPE and DIP stormwater pipes, manholes, and flow control mechanisms. These improvements will provide flood protection, improve water quality management, and align with regulatory requirements.

The project conforms to Miami-Dade County's Department of Environmental Resource Management (DERM) and South Florida Water Management District (SFWMD) standards, ensuring compliance with stormwater treatment and discharge regulations.

Supporting figures include:

- Highland Village Map: Displays the project area.

Design Parameters:

- Stormwater Pipes: Installation of 8" DIP, 18" and 30" HDPE pipes to improve water conveyance.
- FDOT Manholes: New 48"x48" and 60"x60" manholes for efficient stormwater collection.
- Check Valves: Insertable check valves to prevent backflow.
- Pavement Restoration: Milling and resurfacing to restore road conditions.
- Utility Coordination: Watermain adjustments, decommissioning, pole support, and pre-trenching activities.

Project Components:

- Site Preparation & Surveying: Assessing existing conditions and identifying underground utilities.
- Drainage System Installation: Constructing stormwater pipes, manholes, and check valves.
- Roadway Improvements: Milling, lime rock base, new pavement layers, sidewalks, and driveways.
- Erosion Control: Implementing a Stormwater Management Pollution Prevention Plan (SWMPPP) to minimize construction-related pollutants.
- Landscaping & Signage: Sod installation, signage, and pavement markings.
- Performance Monitoring: Evaluating water flow efficiency and long-term drainage system performance.

The project activities to be performed under the grant include:

- Furnish & Install DIP 8" – \$21,000
- Furnish & Install Line Stop 8" – \$45,000
- Furnish & Install HDPE 18" – \$17,050
- Furnish & Install HDPE 30" – \$14,000
- Furnish & Install FDOT J-48"x48" Manhole – \$65,000
- Furnish & Install FDOT J-60"x60" Manhole – \$45,000
- Furnish & Install Check Valve 18" – \$40,000
- Furnish & Install Check Valve 30" – \$50,000
- Connector Pipe Screen – \$75,000
- Utility Adjustments, Watermain Decommissioning – \$36,350
- Roadway Construction (subgrade, base, asphalt, milling) – \$33,780
- Sidewalks & Driveways – \$1,450
- Landscaping & Signage – \$12,000
- Traffic Control and Mobilization – \$46,826
- Permits, Licenses, and Testing – \$14,048

The total project budget is \$585,295.

These costs directly support the workplan activities, including drainage infrastructure, road and pedestrian improvements, and environmental compliance. All procurement will be conducted via sealed bids in line with EPA requirements. The project scope, schedule, and budget are aligned to ensure completion within the performance period and with full regulatory compliance.

Summary of Deliverables:

- Installation of new HDPE and DIP stormwater pipes.
- Construction of FDOT J-manholes for improved drainage collection.
- Fully restored pavement surfaces in affected areas.
- Compliance reports and construction documentation.

Approach, procedures, and controls:

- Budget Oversight: Ensuring adherence to EPA grant compliance and cost efficiency.
- Procurement Process: Contractor selection aligns with 2 CFR 200.317 – 2 CFR 200.327 Procurement Standards.
- Project Monitoring: Scheduled site inspections and compliance checks to ensure timely project execution.
- Quarterly Reporting: Providing updates on financial, construction progress, and regulatory compliance.

Evaluating Performance and Reporting Progress:

- **Flood Reduction Metrics:** Assessing improvements in stormwater runoff control and flood prevention.
- **Regulatory Compliance:** Ensuring adherence to DERM and SFWMD permit conditions.
- **Infrastructure Integrity:** Evaluating pavement and drainage system functionality post-construction.
- **Community Feedback Collection:** Engaging stakeholders to assess project impact and long-term benefits.

Milestone Schedule

Milestone	Completion Date
Project Planning	September, 2022
Drainage Design	November, 2023
Miami-Dade County Department of Transportation and Public Works Approval	February, 2024
Construction Start	January, 2027
Construction Completion	October, 2027

Environmental Results/Benefits:

The project aligns with EPA's FY2022 – FY2026 Strategic Plan Goal 5: Ensure Clean and Safe Water for All Communities, specifically supporting Objective 5.1: Ensure Safe Drinking Water and Reliable Water Infrastructure.

The Highland Village Stormwater Improvements Project will provide measurable environmental benefits by reducing flooding, improving water quality, and enhancing stormwater management. Key anticipated environmental results include:

- Reduction in localized flooding events through improved stormwater conveyance and retention infrastructure.
- Enhanced stormwater runoff quality by mitigating pollutant discharge into local waterways.
- Decreased erosion and sedimentation impacts through improved drainage measures and flow regulation.

Outputs:

Environmental outputs are tangible deliverables that contribute to the overall environmental improvement. The outputs for this project include:

- Installation of HDPE and DIP stormwater pipes to enhance drainage capacity.

- Construction of FDOT J-manholes to facilitate stormwater collection and conveyance.
- Implementation of a Stormwater Management Pollution Prevention Plan (SWMPPP) to mitigate construction-related pollutants.
- Pavement restoration to maintain road integrity and minimize long-term stormwater impact.

Outcomes:

Environmental outcomes reflect the long-term impacts of the project and improvements to the community and natural ecosystem. The expected outcomes include:

- Reduced flood risks by increasing stormwater system capacity and efficiency.
- Enhanced public safety through improved roadway drainage, minimizing hazards for residents and emergency responders.
- Sustainable stormwater management that ensures long-term infrastructure resilience to extreme weather conditions.
- Positive impact on local ecosystems by reducing pollutant loads entering adjacent water bodies, thereby improving overall water quality.

These outputs and outcomes contribute to a cleaner, safer stormwater infrastructure, enhancing resilience and sustainability for the Highland Village community.

Workplan Requirements for Identifying Contractors:

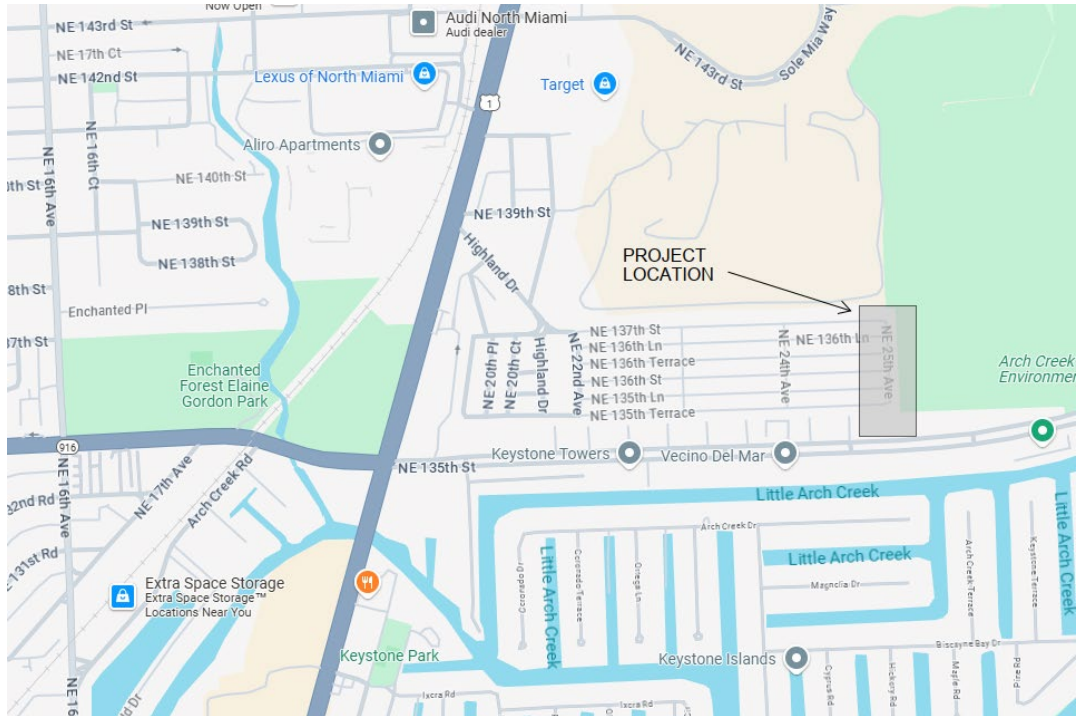
The City will follow EPA and federal regulations for selecting qualified construction contractors and professional engineering services, adhering strictly to competitive Procurement Standards (2 CFR 200.317 - 200.327).

Workplan Requirements for Identifying Subrecipients:

No subrecipients are proposed. Project implementation will be managed through contractors complying with federal and state regulatory standards.

Supporting Figures

Highland Village Map



CITY OF NORTH MIAMI BEACH – WORK PLAN

HIGHLAND VILLAGE STORMWATER IMPROVEMENTS

CITY OF NORTH MIAMI BEACH

FLORIDA, NORTH MIAMI BEACH

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The Highland Village Stormwater Improvements Project will address these challenges by implementing modernized drainage solutions, including:

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Project Description:

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Supporting figures include:

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- Check Valves: Insertable check valves to prevent backflow.
- Pavement Restoration: Milling and resurfacing to restore road conditions.
- Utility Coordination: Watermain adjustments, decommissioning, pole support, and pre-trenching activities.

Project Components:

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- Drainage System Installation: Constructing stormwater pipes, manholes, and check valves.
- Roadway Improvements: Milling, lime rock base, new pavement layers, sidewalks, and driveways.
- Erosion Control: Implementing a Stormwater Management Pollution Prevention Plan (SWMPPP) to minimize construction-related pollutants.
- Landscaping & Signage: Sod installation, signage, and pavement markings.
- Performance Monitoring: Evaluating water flow efficiency and long-term drainage system performance.

The project activities to be performed under the grant include:

- Furnish & Install DIP 8" – \$21,000
- Furnish & Install Line Stop 8" – \$45,000
- Furnish & Install HDPE 18" – \$17,050
- Furnish & Install HDPE 30" – \$14,000
- Furnish & Install FDOT J-48"x48" Manhole – \$65,000
- Furnish & Install FDOT J-60"x60" Manhole – \$45,000
- Furnish & Install Check Valve 18" – \$40,000
- Furnish & Install Check Valve 30" – \$50,000
- Connector Pipe Screen – \$75,000
- Utility Adjustments, Watermain Decommissioning – \$36,350
- Roadway Construction (subgrade, base, asphalt, milling) – \$33,780
- Sidewalks & Driveways – \$1,450
- Landscaping & Signage – \$12,000
- Traffic Control and Mobilization – \$46,826
- Permits, Licenses, and Testing – \$14,048

The total project budget is \$585,295.

These costs directly support the workplan activities, including drainage infrastructure, road and pedestrian improvements, and environmental compliance. All procurement will be conducted via sealed bids in line with EPA requirements. The project scope, schedule, and budget are aligned to ensure completion within the performance period and with full regulatory compliance.

Summary of Deliverables:

- Installation of new HDPE and DIP stormwater pipes.
- Construction of FDOT J-manholes for improved drainage collection.
- Fully restored pavement surfaces in affected areas.
- Compliance reports and construction documentation.

Approach, procedures, and controls:

- Budget Oversight: Ensuring adherence to EPA grant compliance and cost efficiency.
- Procurement Process: Contractor selection aligns with 2 CFR 200.317 – 2 CFR 200.327 Procurement Standards.
- Project Monitoring: Scheduled site inspections and compliance checks to ensure timely project execution.
- Quarterly Reporting: Providing updates on financial, construction progress, and regulatory compliance.

Evaluating Performance and Reporting Progress:

- **Flood Reduction Metrics:** Assessing improvements in stormwater runoff control and flood prevention.
- **Regulatory Compliance:** Ensuring adherence to DERM and SFWMD permit conditions.
- **Infrastructure Integrity:** Evaluating pavement and drainage system functionality post-construction.
- **Community Feedback Collection:** Engaging stakeholders to assess project impact and long-term benefits.

Milestone Schedule

Milestone	Completion Date
Project Planning	September, 2022
Drainage Design	November, 2023
Miami-Dade County Department of Transportation and Public Works Approval	February, 2024
Construction Start	January, 2027
Construction Completion	October, 2027

Environmental Results/Benefits:

The project aligns with EPA's FY2022 – FY2026 Strategic Plan Goal 5: Ensure Clean and Safe Water for All Communities, specifically supporting Objective 5.1: Ensure Safe Drinking Water and Reliable Water Infrastructure.

The Highland Village Stormwater Improvements Project will provide measurable environmental benefits by reducing flooding, improving water quality, and enhancing stormwater management. Key anticipated environmental results include:

- Reduction in localized flooding events through improved stormwater conveyance and retention infrastructure.
- Enhanced stormwater runoff quality by mitigating pollutant discharge into local waterways.
- Decreased erosion and sedimentation impacts through improved drainage measures and flow regulation.

Outputs:

Environmental outputs are tangible deliverables that contribute to the overall environmental improvement. The outputs for this project include:

- Installation of HDPE and DIP stormwater pipes to enhance drainage capacity.

- Construction of FDOT J-manholes to facilitate stormwater collection and conveyance.
- Implementation of a Stormwater Management Pollution Prevention Plan (SWMPPP) to mitigate construction-related pollutants.
- Pavement restoration to maintain road integrity and minimize long-term stormwater impact.

Outcomes:

Environmental outcomes reflect the long-term impacts of the project and improvements to the community and natural ecosystem. The expected outcomes include:

- Reduced flood risks by increasing stormwater system capacity and efficiency.
- Enhanced public safety through improved roadway drainage, minimizing hazards for residents and emergency responders.
- Sustainable stormwater management that ensures long-term infrastructure resilience to extreme weather conditions.
- Positive impact on local ecosystems by reducing pollutant loads entering adjacent water bodies, thereby improving overall water quality.

These outputs and outcomes contribute to a cleaner, safer stormwater infrastructure, enhancing resilience and sustainability for the Highland Village community.

Workplan Requirements for Identifying Contractors:

The City will follow EPA and federal regulations for selecting qualified construction contractors and professional engineering services, adhering strictly to competitive Procurement Standards (2 CFR 200.317 - 200.327).

Workplan Requirements for Identifying Subrecipients:

No subrecipients are proposed. Project implementation will be managed through contractors complying with federal and state regulatory standards.

Highland Village Map



CITY OF NORTH MIAMI BEACH – WORK PLAN

NE 10TH AVENUE DRAINAGE IMPROVEMENTS

CITY OF NORTH MIAMI BEACH

FLORIDA, NORTH MIAMI BEACH

Project Objective and Need

The NE 10th Avenue Drainage Improvements Project addresses critical stormwater management challenges in the City of North Miami Beach, particularly along NE 10th Avenue from NE 165th Street to NE 161st Terrace. This area has long experienced issues related to inadequate drainage infrastructure, leading to flooding during heavy rainfall events, disruption to traffic flow, and increased risk of property damage. Additionally, the region's stormwater management system must comply with Miami-Dade County Department of Environmental Resource Management (DERM) standards and South Florida Water Management District (SFWMD) regulations to protect water quality and mitigate environmental risks.

Due to high impervious surface coverage, rainwater runoff accumulates rapidly, exceeding the capacity of the existing drainage system. The current infrastructure lacks the necessary stormwater retention and infiltration mechanisms, causing overflow and localized flooding. This poses risks not only to residents and businesses but also to the structural integrity of roads and utility networks.

The NE 10th Avenue Drainage Improvements Project will mitigate these challenges by implementing modernized stormwater infrastructure solutions, including:

- Installation of Exfiltration Trenches – These will enhance water infiltration and allow excess runoff to be absorbed into the ground, reducing surface flooding.
- Catch Basin Enhancements – The inclusion of 2-foot sump catch basins will help filter out debris, sediment, and pollutants, ensuring improved water quality before stormwater enters natural water bodies.
- Utility Coordination and Conflict Mitigation – This project includes a systematic approach to avoiding conflicts with underground utilities, ensuring that new drainage infrastructure integrates seamlessly with existing systems.
- Regulatory Compliance Upgrades – The project will bring the drainage system in line with DERM and SFWMD standards, ensuring that stormwater runoff is properly managed and treated before being discharged.
- Pavement Restoration and Roadway Improvements – The project includes milling and resurfacing of affected roads, preventing further deterioration and ensuring a smoother, safer transportation network.

By implementing these improvements, the NE 10th Avenue corridor will become more resilient to flooding, reduce long-term maintenance costs, and improve the overall livability and safety for residents and commuters in North Miami Beach. The upgraded drainage infrastructure will ensure sustainable stormwater management, protecting properties and enhancing the city's ability to withstand extreme weather conditions.

Project Description

The NE 10th Avenue Drainage Improvements Project aims to enhance stormwater management by installing new exfiltration trenches, catch basins, and pavement restorations. These improvements will provide both flood protection and improved water quality management.

The project conforms to Miami-Dade County's Department of Environmental Resource Management (DERM) and South Florida Water Management District (SFWMD) standards, particularly focusing on treating the higher of the first inch of runoff or 2.5 inches times the percent impervious area.

Supporting figures include:

- NE 10 Ave Aerial Map: Provides an overhead view of the project area, showcasing streets, utilities, and affected zones.

The design parameters include:

- Exfiltration Trenches: 830 linear feet of trench installation to improve percolation and flood mitigation.
- Catch Basins: New frame and grate structures designed to handle stormwater runoff efficiently.
- Pavement Restoration: Milling and resurfacing to restore road conditions.
- Soil Testing Results: Hydraulic conductivity ranging from 1.69×10^{-3} to 2.12×10^{-3} cubic feet per second per square foot per foot of head supports the exfiltration system's effectiveness.

Project Components:

- Site Preparation & Surveying: Assessing existing conditions and identifying underground utilities.
- Drainage System Installation: Constructing exfiltration trenches, catch basins, and connections to existing stormwater infrastructure.
- Pavement Restoration: Resurfacing affected areas to maintain roadway integrity.
- Stormwater Management Pollution Prevention Plan (SWMPPP): Implementing best practices to minimize pollutants during construction.
- Performance Monitoring: Evaluating water flow efficiency and long-term drainage system performance.

The project activities to be performed under the grant include:

- Site preparation and clear/grub – \$10,000
- Environmental compliance and erosion control – \$5,000
- Roadway base preparation and lime rock base – \$27,360
- Asphalt milling and friction course paving – \$55,590
- Utility adjustments (valve, hydrants, meter boxes) – \$5,500
- Sidewalks, curbs, and driveways – \$36,045.60
- Landscaping and signage – \$1,500
- Thermoplastic pavement markings – \$14,449
- Traffic control and mobilization – \$87,868.93
- Permit allowance – \$10,000

The total project budget is \$758,241.

These costs directly support the workplan activities: trench construction, utility relocation, roadway resurfacing, pedestrian infrastructure upgrades, and environmental compliance. All procurement will be conducted via sealed bids in line with EPA requirements. The project scope, schedule, and budget are aligned to ensure completion within the performance period and with full regulatory compliance.

Summary of deliverables:

- 830 linear feet of exfiltration trenches.
- New catch basin structures with sediment control measures.
- Fully restored pavement surfaces.
- Regulatory compliance reports and construction completion documentation.

Approach, procedures, and controls:

- Budget Oversight: Adhering to EPA's grant compliance requirements.
- Procurement Process: Contractor selection aligns with 2 CFR 200.317 – 2 CFR 200.327 Procurement Standards.
- Project Monitoring: Scheduled site inspections and compliance checks ensure timely and effective project execution.
- Quarterly Reporting: Providing financial updates and construction progress reports to stakeholders.

Evaluating Performance and Reporting Progress

- Flood Reduction Metrics: Assessing improvements in stormwater runoff control.
- Regulatory Compliance: Adherence to DERM and SFWMD permit conditions.
- Roadway & Infrastructure Integrity: Evaluating pavement and drainage system functionality post-construction.

- Community Feedback Collection: Engaging stakeholders to assess project impact.

The project will be managed by the City of North Miami Beach’s Public Works Department. Financial and technical oversight will follow EPA compliance guidelines, including:

- Sealed bid procurement for all construction activities
- Quarterly reporting to track milestones and expenditures
- Site inspections and contractor oversight
- Documentation of all permits and regulatory approvals

Milestone Schedule

Milestone	Completion Date
Project Planning	October, 2021
Drainage Design	January, 2022
DERM Approval	May, 2022
Construction Start	July, 2025
Construction Completion	March, 2026

Environmental Results/Benefits

The project aligns with EPA’s FY2022 – FY2026 Strategic Plan Goal 5: Ensure Clean and Safe Water for All Communities, specifically supporting Objective 5.1: Ensure Safe Drinking Water and Reliable Water Infrastructure.

The NE 10th Avenue Drainage Improvements Project will deliver measurable environmental benefits by reducing flooding, improving water quality, and enhancing stormwater management. Key anticipated environmental results include:

- Reduction in localized flooding events by enhancing stormwater infiltration and conveyance.
- Improved stormwater runoff quality by filtering pollutants through exfiltration trenches.
- Decreased erosion and sedimentation in nearby water bodies due to better runoff control measures.

Outputs:

Environmental outputs are defined as tangible deliverables that contribute to the overall environmental improvement. The outputs for this project include:

- Installation of 830 linear feet of exfiltration trench to facilitate stormwater infiltration.
- Construction of new catch basin structures to capture runoff efficiently and control sediment transport.
- Implementation of a Stormwater Management Pollution Prevention Plan (SWMPPP) to mitigate construction-related pollutants.

- Pavement restoration to ensure a long-lasting and resilient road surface that minimizes further stormwater impact.

Outcomes:

Environmental outcomes reflect the long-term impacts of the project and improvements to the community and natural ecosystem. The expected outcomes include:

- Enhanced water infiltration reducing strain on the municipal drainage system and preventing overload during storm events.
- Increased public safety by preventing roadway flooding and maintaining accessibility for residents and emergency responders.
- Sustainable stormwater management through improved drainage infrastructure that ensures long-term resilience to climate variability.
- Positive impact on local ecosystems by reducing pollutant loads entering adjacent water bodies and improving overall water quality.

These outputs and outcomes directly contribute to achieving cleaner, safer water infrastructure and more resilient urban drainage systems.

Workplan Requirements for Identifying Contractors:

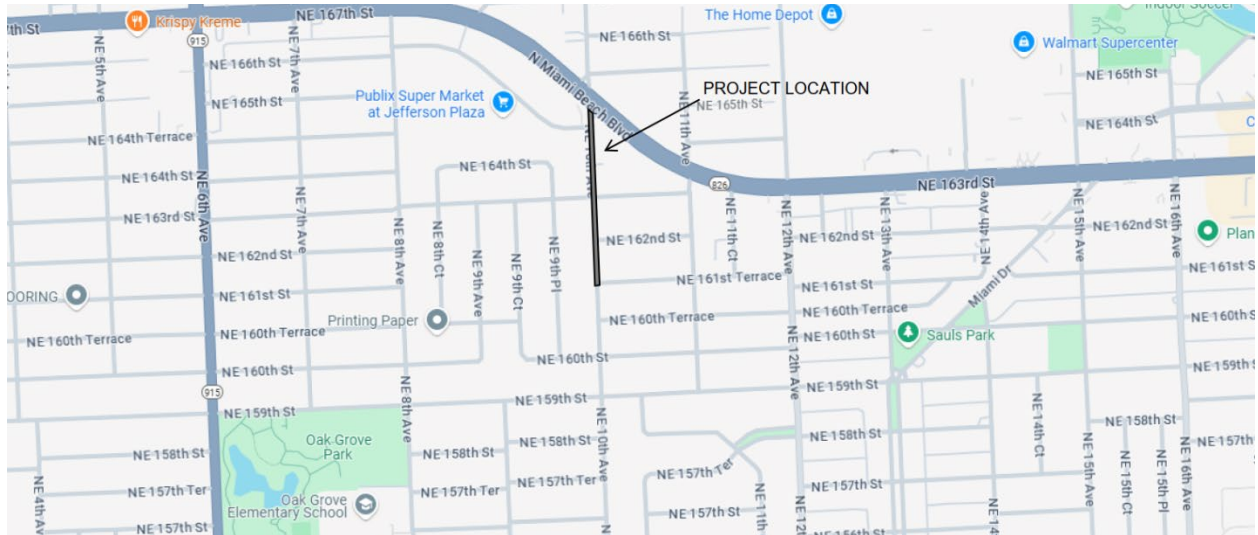
The City will follow EPA and federal regulations for selecting qualified construction contractors and professional engineering services, adhering strictly to competitive Procurement Standards (2 CFR 200.317 - 200.327).

Workplan Requirements for Identifying Subrecipients:

No subrecipients are proposed. All contracted work is to be executed by contractors in accordance with federal procurement regulations.

Supporting Figures

NE 10 Ave Aerial Map



Other Attachment File(s)

* Mandatory Other Attachment Filename:

1238-SFLLL_2_0-V2.0 signed.pdf

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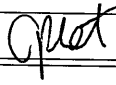
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DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

OMB Number: 4040-0013
Expiration Date: 02/28/2025

1. * Type of Federal Action: ☐ a. contract ☒ b. grant ☐ c. cooperative agreement ☐ d. loan ☐ e. loan guarantee ☐ f. loan insurance	2. * Status of Federal Action: ☐ a. bid/offer/application ☒ b. initial award ☐ c. post-award	3. * Report Type: ☒ a. initial filing ☐ b. material change
4. Name and Address of Reporting Entity: ☒ Prime ☐ SubAwardee * Name: City of North Miami Beach * Street 1: 17011 NE 19 Avenue Street 2: * City: North Miami Beach State: FL: Florida Zip: 33162 Congressional District, if known: 24		
5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime: 		
6. * Federal Department/Agency: US Environmental Protection Agency	7. * Federal Program Name/Description: State and Tribal Assistance Grants, Clean Water State Revolving Fund CFDA Number, if applicable:	
8. Federal Action Number, if known: 	9. Award Amount, if known: \$ 1,141,038.00	
10. a. Name and Address of Lobbying Registrant: Prefix * First Name Middle Name * Last Name Suffix * Street 1 Street 2 * City State Zip		
b. Individual Performing Services (including address if different from No. 10a) Prefix * First Name Middle Name * Last Name Suffix * Street 1 Street 2 * City State Zip		
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. * Signature: Andrew Plotkin, Interim City Manager  * Name: Prefix Mr. * First Name Andrew Middle Name * Last Name Plotkin Suffix Title: Interim City Manager Telephone No.: 305-948-2900 Date: 10/10/2025		
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Budget Narrative File(s)

* Mandatory Budget Narrative Filename: 1237-EPA Budget Justification Worksheet a.pdf

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n Worksheet a.pdf