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4. Miami-Dade County does not guarantee continuous, uninterrupted or secure access to this or other related websites. Operation of this website may be affected from time to time by numerous factors outside of our control. In the event that we are notified of any problems in a timely manner we will do our best to assist with those problems that fall within our control. For assistance, contact us at 305-375-2930. Solicitation documents are removed from this website as soon as possible after the due date.
5. DTPW does not accept facsimile or electronic bid responses of any kind. All bids must be submitted in writing, on the forms provided by the County, to the address designated in the bid package. It is the bidder's responsibility to ensure that their submittals are received at the designated location, complete and on time. Bids received after the due date will be rejected, even if the solicitation is still appearing on this site.
6. These documents shall not be altered in any manner. Utilization or viewing of these electronic documents shall constitute implicit acknowledgement and acceptance of these provisions. Failure to comply with these provisions may result in rejection of your bid.



Midway Pump Station Telemetry System Improvements & Drainage Improvements Multiple Sites

Volume 2 of 2

Miami-Dade County

Supplemental Solicitation
and
Contract Documents

Small Business Enterprise Construction Program (SBE-CONST.):

Not Applicable

Community Workforce Program:

N/A

DTPW Capital Improvements Engineer:

Elva Rosa Reyes

RPQ Issue Date:

March 12, 2026

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SPECIAL PROVISIONS

SPECIAL PROVISIONS

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1. GENERAL REQUIREMENTS

1.01 MISCELLANEOUS CONSTRUCTION CONTRACTS (MCC) PLAN. GENERAL TERMS AND CONDITIONS AND SPECIAL CONDITIONS

- A. Division 01 (General Requirements) of the DTPW Specifications amends the MCC Plan, and other provisions of the Contract Documents. All requirements of the MCC Plan, Resolution and amendments', or portions thereof, which are not specifically modified, deleted, or superseded by Division 01, remain in full effect. In the event a conflict between these two complementary portions of the Contract Documents occurs, Division 1 will prevail and Engineer will provide clarification and final determination. These Special Provisions also amend, complement, modify or delete items from the DTPW Construction Specifications of these Solicitation and Contract Documents.

1.02 SCOPE OF WORK

- A. Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.
- B. Work includes but is not limited to the construction and installation of drainage structures, French drains, miscellaneous drainage improvements, driveway restoration, grading, sodding, and miscellaneous roadway restoration including construction of concrete curb and gutters, and sidewalks where needed in accordance with the construction plans and specifications.
- C. Additionally, the work includes the upgrading the existing Telemetry System at the Midway Pump Station and at the Canal as follows:
 - 1. NW 82 Avenue and NW 5 Lane
 - a. This task includes work on the Pollution Control Structure (Water control Structure) located at NW 82 Ave and NW 5 Ln. Work includes the removal and installation of a solar panel and RTU system and integration into the County's SCADA Network. All work and materials shall be furnished by Emerson Process Management.
 - 2. Midway Pump Station
 - b. This task includes work on one (1) stormwater pump station located at NW 7 Street and just West of SR 826 Expwy. Work includes the installation of the Rosemount Non-Contact Radar Level Sensor, Ultrasonic Sensor for Wet Well-Level, Backup Local Pump Controller and CW-MICRO communication to be installed on existing RTU. The contractor shall install these items to the exiting RTU and integrated into the County's SCADA Network. All work and materials shall be furnished by Emerson Process Management.
 - 3. Energy Dissipating Structure (Outfall)
 - c. This task includes work on the energy dissipating structure located at NW 7 Street and SR 826 Expwy. Work includes the removal and installation of a solar panel and RTU system and integration into the County's SCADA Network. In addition, the work includes the installation of an Antena and radio survey to determine the height of the Antena. All work and materials shall be furnished by Emerson Process Management.

- D. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- E. Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

1.03 LOCATION OF WORK

- A. This is a work order driven contract. The locations of work to be performed under the terms of this Contract have been tentatively listed as follows:
 - 1. NW 7 Street from NW 82 Ave. to NW 76 Ave. and Midway Pump Station Telemetry Improvements.
 - 2. NW 79 Avenue from W. Flagler St. to NW 7 Street.
- B. The County may update the sites above subsequent to the Award of this Contract by adding, deleting, or substituting with comparable sites. Work orders will identify the location, description and amount of work to be accomplished. The combined total cost for all work authorized by the Work Order(s) shall not exceed the Contract Award amount.

1.04 PLANS

- A. Engineering Drawings titled 1) "NW 7 Street from NW 82 Ave. to NW 76 Ave. and Midway Pump Station Telemetry Improvements, Project #20240279, and 2) NW 79 Avenue from W. Flagler St. to NW 7 Street., Project #20240204," Miami Dade County, Department of Transportation and Public Works, Highway Division, are included with these Contract Documents. Additional standard details are available in the Miami-Dade County Public Works Manual and the latest edition of the Florida Department of Transportation's Design Standards for Design, Construction, Maintenance and Utility Operations on The State Highway System.
- B. The County through its Engineer shall have the right to modify the details and/or sketches, to supplement the sketches with additional plans and/or with additional information as work proceeds; all of which shall be considered as plans accompanying these Specifications herein generally referred to as the "Plans." In case of disagreement between the Plans and Specifications, the Engineer shall make a final determination as to which shall govern.

1.05 TIME FOR COMPLETION

- A. This is a Work order driven Contract. The total Contract duration is 600 days. Perform each work order fully, entirely, and in accordance with the Contract Documents within the Contract Time specified in each Work Order. Time commences to run once the first Work Order is issued. Each work order is subject to the requirements of Subarticle 1.06, F, 4, Additional Requirements for work order contracts and Subarticle 1.06 J, Liquidated Damages of the General Requirements (Division 1). And as expanded under Article 1.12, Liquidated Damages, of the Supplementary Conditions.
- B. The effective date of the "Notice to Proceed" will be established during the Preconstruction Conference which is held shortly after the Award of Contract and which is attended by members of

Department of Transportation and Public Works, the Contractor, representatives of utility companies, and others affected by the Work. The effective date shall be set as a date no later than 30 calendar days after the date of execution of the Contract Documents, unless a later date acceptable to both parties is agreed upon in writing.

2. GENERAL CONSTRUCTION

2.01 FIELD OFFICE

- A. A local field office is not required; however, the Contractor will be required to provide the Engineer with a local (Miami-Dade County) telephone or cellular number, where the Contractor may be contacted 24 hours a day, 7 days a week during the period for which the Contract is in force.

2.02 MOBILIZATION (ARTICLE 101)

- A. DTPW Construction Specification, Page 1, Article 101-B.2.b - "Payment will be made under...."; is deleted in its entirety and replaced with the following:
 - 1. No item for "Mobilization" has been provided in the Bid Form of the Proposal; however, the Contractor will be entitled to collect a Mobilization fee of \$500 per Work Order. This amount will be paid from a dedicated allowance established by the County.

2.03 MAINTENANCE OF TRAFFIC (ARTICLE 102)

- A. Delete DTPW Construction Specification, Page 8, Article 102-K.1 and replace it with the following:
 - 1. Method of Measurement.
 - a. Work under MOT will be compensated at, but not to exceed, 2 percent of each invoice from an appropriate dedicated allowance. The total compensation under this item shall not exceed 2 percent of the Contract Subtotal Amount. Payment shall be full compensation for all work and costs specified under this Section including furnishing, installing, operating, maintaining and removing all required traffic control devices, signs, warning devices, barriers and other MOT devices or requirements not specifically covered for payment under the MOT items listed below. Such price and payment shall constitute full compensation for furnishing (including hardware, lights and posts if required), installing, relocating, maintaining, and removing of temporary traffic control devices.

2.04 PERMITS

- A. Expand Article 1.05C of the General Requirements as follows:
 - 1. The Contractor is responsible for complying with all the requirements under the Permits. Refer to Appendix "B" to Special Provisions of the Contract Documents.

2.05 STANDARD TERMS AND CONDITIONS – GRANT AGREEMENT – NUMNER 25SRP11

- A. The contractor is responsible for complying with all Terms and Conditions of the Grant Agreement Number 25SRP11 under Appendix "C" to Special Provisions of the Contract Documents, Volume 2 of 2.

2.06 STANDARD TERMS AND CONDITIONS – GRANT AGREEMENT – NUMNER L0077

- A. The contractor is responsible for complying with all Terms and Conditions of the Grant Agreement Number L0077 under Appendix “D” to Special Provisions of the Contract Documents, Volume 2 of 2.

2.07 RESILIENT FLORIDA PROGRAM – GRANTEE QUICK REFERENCE GUIDE

- A. The contractor is responsible for complying with all requirements under Appendix “E” to Special Provisions of the Contract Documents, Volume 2 of 2.

2.08 TECHNICAL SPECIFICATIONS

- A. The contractor is responsible for complying with all requirements and Technical Specifications under Appendix “F” to Special Provisions of the Contract Documents, Volume 2 of 2.

APPENDIX "A" TO SPECIAL PROVISIONS
AUTHORIZATION AGREEMENT FOR AUTOMATIC DEPOSIT



ACH AUTHORIZATION AGREEMENT FOR AUTOMATIC DIRECT DEPOSIT OF MIAMI-DADE COUNTY WARRANTS

We hereby authorize the Finance Department to initiate credit entries and, if necessary, a debit entry in order to reverse a credit entry made in error in accordance with NACHA rules.

Original form must be received before we can process your request for ACH deposits. Please refer to page 2 for instructions. Processing of the form is approximately 15 days from receipt of completed original form. This authority is to remain in effect until revoked in writing and received by the Finance Department. Account changes must be reported at a minimum **fifteen (15) days prior to actual change.**

Section 1 (TO BE COMPLETED BY VENDOR) - ALL FIELDS ARE REQUIRED

TRANSACTION TYPE: New Change Terminate

FEDERAL IDENTIFICATION NUMBER

--	--	--	--	--	--	--	--	--	--

(AS PER CURRENT W-9) (FOR INTERNAL USE ONLY)

VENDOR NAME : _____

DBA (DOING BUSINESS AS) : _____

TELEPHONE NUMBER : _____

FISCAL OFFICER NAME AND TITLE : _____

FISCAL OFFICER'S EMAIL : _____

ACH NOTIFICATION EMAIL: _____

(This is the email where payment information will be sent)

ROUTING NUMBER

--	--	--	--	--	--	--	--	--	--

(FOR INTERNAL USE ONLY)

VENDOR'S BANK ACCOUNT NUMBER

--	--	--	--	--	--	--	--	--	--

TYPE OF ACCOUNT Checking Savings

AUTHORIZED SIGNATURE _____ DATE : _____

PRINTED NAME _____

A VOIDED CHECK OR REDACTED COPY OF A BANK STATEMENT FOR THE ACCOUNT LISTED ABOVE MUST BE PROVIDED. PLEASE REFER TO INSTRUCTIONS FOR OUR MAILING ADDRESS. SUBMISSION OF YOUR E-MAIL ADDRESS IS MANDATORY IN ORDER TO PARTICIPATE IN THIS PAYMENT OPTION.

Section 2 (TO BE COMPLETED BY FINANCIAL INSTITUTION)

FINANCIAL INSTITUTION NAME: _____

ADDRESS: _____

BANK OFFICIAL NAME (PRINTED) AND TITLE : _____

TELEPHONE NUMBER : _____ EMPLOYEE ID NO. : _____

EMAIL : _____

I have verified that the account and routing number provided above is correct and corresponds to vendor noted above.

I have also verified that the person signing is an authorized signer on the account specified.

SIGNATURE _____ DATE : _____

Section 3 (TO BE COMPLETED BY MIAMI-DADE FINANCE DEPARTMENT)

Accounts Payable Verifications	Cash Management	Input/Output
Corp. Officer Name : _____	Routing # verified by : _____	ACH Indicator updated by : _____
Verified by: _____	Date: _____	Date of Update : _____
A/P Staff: _____	Verified by : _____	Verified by : _____
Corp. Officer Title : _____	Verification Date: _____	Verification Date: _____
Date: _____		
Bank Officer: _____		
A/P Supervisor: _____		
Date: _____		



ACH AUTHORIZATION AGREEMENT FOR AUTOMATIC DIRECT DEPOSIT OF MIAMI-DADE COUNTY WARRANTS

INSTRUCTIONS

Please contact us at (305) 375-5111 or email at FIN-ACHN@miamidade.gov if you have any questions or need assistance with this form.

You may obtain blank copies of this form at : http://www.miamidade.gov/finance/library/ach_form.pdf

At our Vendor Payment Inquiry (VPI) website you can obtain payment information as well as status of invoices, payment due date and other important information. You can reach the VPI site at :

<https://w85exp.miamidade.gov/VInvoice/login.do>

Section 1

Transaction Type

New : If vendor is currently not on ACH deposits with Miami-Dade County.

Change : If vendor is currently on ACH deposits with Miami-Dade County and would like to make changes to their information (example : change of financial institution, account number, etc.)

Terminate : If vendor is currently on ACH deposits with Miami-Dade County and would like to switch to either Check or AP Control disbursement type)

Federal Identification Number : Enter your Federal Employer Identification Number (FEIN) or Social Security Number (SSN) used to register you as a vendor with Miami-Dade County. Name and FEIN/SS must be exactly as provided on IRS Form W-9.

Vendor Name : Enter the name of your business or individual name used to register you as a vendor with Miami-Dade County.

DBA (Doing Business As) : If you have registered a DBA for your business or for you as an individual, please enter it here.

Fiscal Officer Name, Title and E-Mail : Name of Authorized Corporate officer, Title and E-Mail address to be contacted to. Corporate officer signing this form must be an authorized signatory in the corporate bank account listed on this form.

ACH Notification E-Mail : This is the E-Mail address where payment information will be sent to.

Section 2

This section must be completed in full and legible manner by your banking institution in order to prevent delays in processing change to ACH. Both acknowledgment statements must be checked off by Bank Official signing and dating the form.

Section 3

This section will be completed by Miami-Dade County Finance Department.

ORIGINAL FORM AND VOIDED CHECK OR REDACTED STATEMENT MUST BE MAILED TO :

Accounts Payable Manager

Miami-Dade County Finance Department

111 NW First Street, Suite 2620

Miami, Florida 33128

Terms and Conditions

Completed form should not contain any changes (scratched off /white out) or altered information; otherwise, form will not be accepted.

Processing time is approximately fifteen (15) days from receipt of complete form and voided check or redacted Bank statement.

Providing account information does not authorize Miami-Dade County to access bank account activity.

ACH deposits can be made into **only** one (1) bank account. Payments can not be split between multiple accounts.

Notification E-mail providing payment information can be sent to one (1) single E-mail address **only**.

Proper verification will be conducted by Miami-Dade County Finance Department Staff, via a telephone call to confirm the information being provided is accurate.

This authorization shall remain in effect until terminated in writing with sufficient notice to Miami-Dade County Finance Department.

Miami-Dade County will not be responsible for any loss that may arise solely by reason of error, mistake or fraud regarding information provided on this ACH Authorization Agreement Form.

APPENDIX "B" TO SPECIAL PROVISIONS

PERMITS



miamidade.gov

Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 6th Floor
Miami, Florida 33136-3912
T 305-372-6567 F 305-372-6407

December 17, 2025

RE: Miami-Dade County Class II Permit No. 20250095: located at NW 7 ST FROM NW 82 AVE TO NW 76 AVE UNIC, FL 33000-

Dear ALEJANDRO BARRIOS:

Enclosed is a copy of Class II Permit No. 20250095, pursuant to the provisions of Section 24-48 of the Miami-Dade County code. Please call or notify this office no later than forty eight(48) hours and no earlier than five(5) days prior to the commencement of work authorized by this permit, by submitting the attached Notice of Commencement of Construction via U.S. Mail, or by email dermwatercontrol@miamidade.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Marsel Fakhрутdinov".

Marsel Fakhрутdinov, P.E.
Senior Professional Engineer, Water Control Section
Division of Environmental Resources Management

Enclosure





miamidade.gov

Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 6th Floor

Miami, Florida 33136-3912

T 305-372-6567 F 305-372-6407

NOTICE OF COMMENCEMENT OF CONSTRUCTION

Permit Number: CLII - 20250095

Issue Date: December 17, 2025

Expiration Date: December 17, 2027

Project Name: NW 7 ST FROM NW 82 AVE TO NW 76 AVE

Location: NW 7 ST FROM NW 82 AVE TO NW 76 AVE UNIC, FL 33000-

Permittee: ALEJANDRO BARRIOS
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

Professional Engineer: DARYL K HILDOER
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

MUST BE FILLED IN BY PERMITTEE OR CONTRACTOR:

START DATE: _____

DATE OF COMPLETION : _____





miamidade.gov

Class II Drainage Construction Permit

Permit Number: CLII-20250095
Project Manager: LEANA S MIRANDA SANCHEZ

Issue Date: 12/17/2025
Expiration Date: 12/17/2027

Permittee:

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 ALEJANDRO BARRIOS
 111 N.W. 1ST STREET, SUITE 1410
 MIAMI, FL 33128-

Professional Engineer:

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 DARYL K HILDOER
 111 NW 1ST STREET, SUITE 1510
 MIAMI, FL 33128-

Application Name: NW 7 ST FROM NW 82 AVE TO NW 76 AVE

Project Location:
 NW 7 ST FROM NW 82 AVE TO NW 76 AVE UNIC, FL 33000-

Project Description:

A Class II permit is required for the replacement of the existing drainage system, which has reached the end of its service life. The scope of work includes the installation of 2,820 linear feet of exfiltration trench, as well as the replacement of catch basins, manholes, and inlet structures serving NW 7th Street between NW 82nd Avenue and NW 79th Avenue, and NW 79th Avenue from NW 7th Street to Flagler Street. All construction activities must be performed in accordance with the signed and sealed plans prepared by Daryl K. Hildoer on December 2, 2025 (33 pages).

Based on the information provided, the Department has determined that the project is consistent with Chapter 24-48 of the Code of Miami Dade County.

Specific Conditions:

1. Contractor's information must be provided to this office prior to the commencement of this project.
2. Be advised that any changes to the proposed scope of work will require a modification of this permit.
3. Contractor must clean the impacted right-of-way, together with the entire site area

THE ABOVE NAMED PERMITTEE IS HEREBY AUTHORIZED TO PERFORM THE WORK SHOWN ON THE APPLICATION AND APPROVED DRAWINGS, PLANS, AND OTHER DOCUMENTS ATTACHED HERETO OR ON FILE WITH THE DEPARTMENT AND MADE PART HEREOF, SUBJECT TO THE ATTACHED GENERAL AND SPECIAL CONDITIONS.

THIS PERMIT AND PLANS SHALL BE KEPT ON SITE
 DURING ALL PHASES OF CONSTRUCTION



in the daily basis during construction.

4. The contractor shall be responsible to execute all the Best Management Practices (BMPs) for stormwater erosion and sedimentation control during construction of this project in compliance with the state NPDES requirements.
5. This permit was issued on the basis of the applicant's reasonable assurance that proposed drainage improvement will not cause adverse flooding to on-site and off-site property. In the event that adverse flooding to off-site properties adjacent to this development, the permittee shall take necessary measures to mitigate and eliminate any flooding impacts caused by this development. A permit modification shall be required for any proposed flood mitigation.
6. If solid waste or debris other than clean fill is encountered, the contractor shall provide a plan for the removal and proper disposal of all unsuitable material, within the limits of the work, for review and approval by DERM. Any fill material to be used shall be in accordance with the clean fill requirements of Chapter 24 of the Miami-Dade County Code.
7. All works authorized by this permit shall be maintained and operated in accordance with the requirements of Chapter 24 of the Code of Miami-Dade County for the life of the system. Should the permittee and/or DERM become aware that discharges from the system do not meet water quality standards pursuant to Section 24-42 of the Code of Miami-Dade County, the permittee shall make such changes to the system as deemed necessary by DERM in order to meet water quality standards.
8. Be advised that a RER/ERM Class V dewatering permit will be required as per Section 24-48.1(1)(e) of Miami-Dade County Code, for any temporary dewatering activities during the construction of the proposed project.

General Conditions:

9. DERM shall be notified no later than forty-eight (48) hours and no earlier than five (5) days prior to the commencement of the work authorized by this permit, unless otherwise noted herein. The permittee and/or contractor may notify DERM by calling (305) 372-6681 or by submitting the attached Notice of Commencement of Construction via hand delivery, U.S. Mail, or facsimile at (305) 372-6489.
10. This permit or a copy thereof, complete with all conditions, attachments, exhibits and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by DERM staff. The permittee shall require the contractor to review the complete permit prior to the commencement of the activity authorized by this permit.
11. All of the plans and documents referenced on page 1 of this permit are part of the conditions of this permit. In the case of a conflict between any of the approved plans and any condition of this permit, a determination as to which plan or condition to be followed will be made by DERM.
12. This permit only authorizes the grading and drainage work summarized in page 1 of this permit. Any additional Class work not shown in this permit or on the approved plans shall require additional Class II permit approval.
13. This Class II Permit does not authorize any dewatering activities on the subject property. A separate Class V Permit from the Department, (305) 372-6681, is required for this activity.
14. The time allotted to complete the work for which this permit has been issued shall be limited to the period stipulated on the permit unless the permittee requests an extension of time from DERM. The time extension request form must be submitted at least thirty (30) calendar days prior to the time of expiration of the time period set forth in the permit or in a prior extension of time. Applications for extensions of time that are not timely filed pursuant to Section 24-48.9(2)(b) of the Code of Miami-Dade County will be returned to the applicant.
15. The permittee must allow DERM representatives to inspect the authorized activity

**THIS PERMIT AND PLANS SHALL BE KEPT ON SITE
DURING ALL PHASES OF CONSTRUCTION**



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OFFICIAL DOCUMENT

Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 6th Floor

Miami, Florida 33136-3912

T 305-372-6567 F 305-372-6407

during normal business hours to ensure that the work authorized through this permit is being, or has been accomplished in accordance with the terms and conditions of this permit.

16. Compliance with Chapter 24 of the Code of Miami-Dade County as well as all General and Specific Conditions contained in this permit, is required. If DERM determines that the permittee and/or contractor is not performing the construction in accordance with the conditions of the permit, the Code, or the approved plans upon which the permit was issued, DERM may order suspension of the permit or the stopping of work until such time as the permittee and/or the contractor has complied with the permit, plans or standards. In such case, the permittee or the contractor or both shall take all necessary precautions to leave the work area in a safe and secure condition.
17. If any contamination is encountered on site during construction, the contractor shall immediately cease all subsurface disturbances and notify the Department by calling (305) 372-6955, (305) 372-6700, or (305) 372-6681.
18. The permittee shall be responsible for establishing adequate measures and engineering controls during construction to ensure compliance with the water quality standards stipulated in Section 24-42(3) of the Code of Miami-Dade County.
19. The permittee shall apply sediment and erosion control measures along the perimeter of the construction site to protect the adjacent properties from sediment and turbidity discharge and erosion damage.
20. Turbidity may not exceed twenty-nine (29) Nephelometric Turbidity Units (NTU's) above background within surrounding surface waters, and within Outstanding Florida Waters, the standards is no degradation above background levels. If the turbidity levels exceed the above standard, all construction activity shall stop and additional turbidity controls shall be implemented. The construction activity shall not resume until the contractor has received authorization from DERM. At DERM's discretion, turbidity samples may be required and shall be collected in accordance with Section 24-44.2(3) of the Code of Miami-Dade County, or as specified by DERM, and the results sent directly to the review engineer.
21. The permittee shall hold and save Miami-Dade County harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operations, maintenance, removal, abandonment or use of any system authorized by this permit.
22. The permittee shall take all necessary precautions to prevent construction or demolition debris from falling into adjacent water bodies or wetlands. Any debris that falls into the adjacent water bodies or wetlands shall be removed immediately via a methodology approved by DERM. Construction and demolition debris shall be disposed of in accordance with all Federal, State and Local regulations.
23. Any water body affected by the construction activity should be restored to its pre-existing condition prior to the commencement of the work covered by this permit. The permittee shall also be responsible for ensuring complete removal of accumulated sediments, turbidity curtains, and other devices in a water body that would reduce its conveyance or storage capacity. The permittee is responsible in securing any permits required for this restoration work.
24. The permittee shall comply with the provisions of Chapter 16A of the Code of

**THIS PERMIT AND PLANS SHALL BE KEPT ON SITE
DURING ALL PHASES OF CONSTRUCTION**



Miami-Dade County related to Historic Preservation to preserve known and potential archeological resources in the area that are subject to this permit.

25. A NPDES (National Pollutant Discharge Elimination System) Stormwater Permit may be required as per Rule 62-621.300(4), F.A.C. for the proposed construction activity. Please contact the Florida Department of Environmental Protection NPDES Stormwater Section at (850) 245-7522 or www.dep.state.fl.us/water/stormwater/NPDES.
26. If any work or activity associated with this project is to take place in-water:
 - a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
 - b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
 - c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
 - d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
 - e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-3922 and RER at 305.372.6452. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
 - f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see MyFWC.com/manatee). One sign which reads Caution: Boaters must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. Questions concerning these signs can be sent to the email address listed above.
27. All work authorized by this permit shall be performed by the contractor and/or subcontractor holding an applicable certificate of competency and shall be licensed in Miami-Dade County to perform such work. Any work that is subcontracted shall require that the permittee and contractor (i.e. the contractor listed on this permit) notify the review engineer at (305) 372-6681 or by facsimile at (305) 372-6489 a minimum of seventy-two hours prior to the subcontractor performing any work. Notification shall include the name of the subcontractor performing the work, the subcontractor's Miami-Dade County license number or state general contractor license number and scope of work.
28. It is a violation of the Code to perform any work authorized pursuant to this permit if the permittee(s) sell or otherwise transfer ownership of the property unless DERM has approved an Application for Transfer. An Application for Transfer may be filed with DERM at any time prior to the transfer of property ownership and, for a limited

**THIS PERMIT AND PLANS SHALL BE KEPT ON SITE
DURING ALL PHASES OF CONSTRUCTION**



miamidade.gov

OFFICIAL DOCUMENT

Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 6th Floor

Miami, Florida 33136-3912

T 305-372-6567 F 305-372-6407

time, after the transfer of property ownership and must be signed by both the proposed transferee and transferor. Applications for Transfer shall be filed in the form prescribed by DERM and shall not be processed if the filed Application for Transfer is not fully complete in all respects pursuant to Section 24-48.18 of the Code within 120 days of the date of transfer of property ownership. The project must be in compliance with all the restrictions, limitations, and conditions of this permit at the time of submittal of the Application for Transfer and continuously throughout the time period during which the application is being processed.

29. A performance and/or mitigation bond may be held to ensure compliance with the aforementioned conditions and the completion of any required mitigation. Failure to comply with any of these conditions may result in the revocation by Miami-Dade County of all or a portion of the bond without further notice. The bond shall remain in force for up to six (6) months after the approved completion date if the work covered by the bond.
30. If the engineer who provided certification pursuant to Section 24-48.2(I)(B)(2) of the code or pursuant to Section 24-48.2(II)(A)(4) of the code is discharged by the property owner or his agent, or if said engineer ceases to work on the proposed or approved work, all work allowed by this permit shall immediately cease and shall not be resumed until a new engineer is obtained. The property owner shall also be required to obtain a new engineer who shall meet all the requirements of this permit.
31. Issuance of a this permit does not relieve the applicant from obtaining all required federal, State and local permits.
32. Within thirty (30) days after completion of the work, the permittee or contractor shall file record drawings or as-builts certified by the engineer of record with DERM.
33. FOR CONSTRUCTION ACTIVITIES THAT DISTURB ONE (1) ACRE OR GREATER, A NPDES GENERIC PERMIT IS REQUIRED. To apply for this permit call FDEP Stormwater Program: (850) 245-7522 or visit Florida DEP NPDES website at: <http://www.floridadep.gov/water/stormwater/content/construction-activity-cgp>
34. The permittee shall retain a copy of the stormwater pollution prevention plan (SWPP) and all reports, records and documentation required by this permit at the construction site, or an appropriate alternative location as specified in the Notice of Intent (NOI), from the date of project initiation to the date of final stabilization . Please refer to DEP Document No. 62-621.3000 (4) (a): <http://www.dep.state.fl.us/water/stormwater/npdes/docs/cgp.pdf>

**THIS PERMIT AND PLANS SHALL BE KEPT ON SITE
DURING ALL PHASES OF CONSTRUCTION**

Page 5 of 5



APPENDIX "C" TO SPECIAL PROVISIONS
STANDARD TERMS AND CONDITIONS
GRANT AGREEMENT
NUMBER 25SRP11

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Standard Grant Agreement**

This Agreement is entered into between the Parties named below, pursuant to section 215.971, Florida Statutes:

1. Project Title (Project): Miami-Dade County NW 7th Street Stormwater Improvements Agreement Number: 25SRP11

2. Parties **State of Florida Department of Environmental Protection,
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000** (Department)

Grantee Name: Miami-Dade County Entity Type: Local Government
Grantee Address: 701 NW 1st Court, 4th Floor Miami, Florida 33136 FEID: 59-6000573 (Grantee)

3. Agreement Begin Date: 7/1/2024 Date of Expiration: 6/30/2027

4. Project Number: (If different from Agreement Number) Project Location(s): Miami-Dade County, Florida

Project Description: The Project will construct stormwater infrastructure improvements along NW 7th Street, including the installation of 1,100 linear feet of 36" pipes to enhance storage and conveyance and the repair or replacement of associated catch basins and outfalls.

5. Total Amount of Funding:	Funding Source?	Award #s or Line-Item Appropriations:	Amount per Source(s):
\$751,500.00	<input checked="" type="checkbox"/> State <input type="checkbox"/> Federal	FY 2024/2025 GAA Line #1853	\$ 751,500.00
	<input type="checkbox"/> State <input type="checkbox"/> Federal		\$
	<input type="checkbox"/> State <input type="checkbox"/> Federal		\$
	<input checked="" type="checkbox"/> Grantee Match		\$ 751,500.00
Total Amount of Funding + Grantee Match, if any:			\$ 1,503,000.00

6. Department's Grant Manager Name: Matthew Behnke or successor
Address: Resilient Florida Program
3900 Commonwealth Boulevard, MS230
Tallahassee, Florida 32399
Phone: 850-245-8305
Email: Matthew.Behnke@FloridaDEP.gov

Grantee's Grant Manager Name: Marina Blanco-Pape P.E. or successor
Address: Miami-Dade County
701 NW 1 Court, 5th floor
Miami, Florida 33136-3912
Phone: 305-372-6529
Email: Marina.Blanco-Pape@MiamiDade.gov

7. The Parties agree to comply with the terms and conditions of the following attachments and exhibits which are hereby incorporated by reference:

<input checked="" type="checkbox"/> Attachment 1: Standard Terms and Conditions Applicable to All Grants Agreements
<input checked="" type="checkbox"/> Attachment 2: Special Terms and Conditions
<input checked="" type="checkbox"/> Attachment 3: Grant Work Plan
<input checked="" type="checkbox"/> Attachment 4: Public Records Requirements
<input checked="" type="checkbox"/> Attachment 5: Special Audit Requirements
<input checked="" type="checkbox"/> Attachment 6: Program-Specific Requirements
<input type="checkbox"/> Attachment 7: Grant Award Terms (Federal) *Copy available at https://facts.fldfs.com , in accordance with section 215.985, F.S.
<input type="checkbox"/> Attachment 8: Federal Regulations and Terms (Federal)
<input type="checkbox"/> Additional Attachments (if necessary):
<input checked="" type="checkbox"/> Exhibit A: Progress Report Form
<input type="checkbox"/> Exhibit B: Property Reporting Form
<input checked="" type="checkbox"/> Exhibit C: Payment Request Summary Form
<input type="checkbox"/> Exhibit D: Quality Assurance Requirements
<input type="checkbox"/> Exhibit E: Advance Payment Terms and Interest Earned Memo
<input checked="" type="checkbox"/> Exhibit J: Common Carrier or Contracted Carrier Attestation Form PUR1808

<input checked="" type="checkbox"/> Additional Exhibits (if necessary): Exhibit F: Final Project Report, Exhibit G: Photographer Release Form, & Exhibit H: Contractual Services Certification	
8. The following information applies to Federal Grants only and is identified in accordance with 2 CFR 200.331 (a) (1):	
Federal Award Identification Number(s) (FAIN):	
Unique Entity Identifier (UEI):	
Federal Award Date to Department:	
Federal Award Project Description:	
Total Federal Funds Obligated by this Agreement:	
Federal Awarding Agency:	
Award R&D?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A

IN WITNESS WHEREOF, this Agreement shall be effective on the date indicated by the Agreement Begin Date unless another date is specified in the grant documents.

Miami-Dade County	GRANTEE
Grantee Name	
By 	2/14/2025
(Authorized Signature)	Date Signed
Roy Coley, Chief Utilities and Regulatory Services Officer	
Print Name and Title of Person Signing	

State of Florida Department of Environmental Protection	DEPARTMENT
By 	
Secretary or Designee	2/24/2025
	Date Signed
Alex Reed, Director of the Office of Resilience and Coastal Protection	
Print Name and Title of Person Signing	

Additional signatures attached on separate page.

ORCP Additional Signatures

Matthew Behnke

DEP Grant Manager, Matthew Behnke

Katharine Hoover

DEP QC Reviewer, Katharine Hoover

Grantee may add additional signatures below, if needed.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STANDARD TERMS AND CONDITIONS
APPLICABLE TO GRANT AGREEMENTS**

ATTACHMENT 1

1. Entire Agreement.

This Grant Agreement, including any Attachments and Exhibits referred to herein and/or attached hereto (Agreement), constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior agreements, whether written or oral, with respect to such subject matter. Any terms and conditions included on Grantee's forms or invoices shall be null and void.

2. Grant Administration.

- a. Order of Precedence. If there are conflicting provisions among the documents that make up the Agreement, the order of precedence for interpretation of the Agreement is as follows:
 - i. Standard Grant Agreement
 - ii. Attachments other than Attachment 1, in numerical order as designated in the Standard Grant Agreement
 - iii. Attachment 1, Standard Terms and Conditions
 - iv. The Exhibits in the order designated in the Standard Grant Agreement
- b. All approvals, written or verbal, and other written communication among the parties, including all notices, shall be obtained by or sent to the parties' Grant Managers. All written communication shall be by electronic mail, U.S. Mail, a courier delivery service, or delivered in person. Notices shall be considered delivered when reflected by an electronic mail read receipt, a courier service delivery receipt, other mail service delivery receipt, or when receipt is acknowledged by recipient. If the notice is delivered in multiple ways, the notice will be considered delivered at the earliest delivery time.
- c. If a different Grant Manager is designated by either party after execution of this Agreement, notice of the name and contact information of the new Grant Manager will be submitted in writing to the other party and maintained in the respective parties' records. A change of Grant Manager does not require a formal amendment or change order to the Agreement.
- d. This Agreement may be amended, through a formal amendment or a change order, only by a written agreement between both parties. A formal amendment to this Agreement is required for changes which cause any of the following:
 - (1) an increase or decrease in the Agreement funding amount;
 - (2) a change in Grantee's match requirements;
 - (3) a change in the expiration date of the Agreement; and/or
 - (4) changes to the cumulative amount of funding transfers between approved budget categories, as defined in Attachment 3, Grant Work Plan, that exceeds or is expected to exceed twenty percent (20%) of the total budget as last approved by Department.A change order to this Agreement may be used when:
 - (1) task timelines within the current authorized Agreement period change;
 - (2) the cumulative transfer of funds between approved budget categories, as defined in Attachment 3, Grant Work Plan, are less than twenty percent (20%) of the total budget as last approved by Department;
 - (3) changing the current funding source as stated in the Standard Grant Agreement; and/or
 - (4) fund transfers between budget categories for the purposes of meeting match requirements.This Agreement may be amended to provide for additional services if additional funding is made available by the Legislature.
- e. All days in this Agreement are calendar days unless otherwise specified.

3. Agreement Duration.

The term of the Agreement shall begin and end on the dates indicated in the Standard Grant Agreement, unless extended or terminated earlier in accordance with the applicable terms and conditions. The Grantee shall be eligible for reimbursement for work performed on or after the date of execution through the expiration date of this Agreement, unless otherwise specified in Attachment 2, Special Terms and Conditions. However, work performed prior to the execution of this Agreement may be reimbursable or used for match purposes if permitted by the Special Terms and Conditions.

Attachment 1

4. Deliverables.

The Grantee agrees to render the services or other units of deliverables as set forth in Attachment 3, Grant Work Plan. The services or other units of deliverables shall be delivered in accordance with the schedule and at the pricing outlined in the Grant Work Plan. Deliverables may be comprised of activities that must be completed prior to Department making payment on that deliverable. The Grantee agrees to perform in accordance with the terms and conditions set forth in this Agreement and all attachments and exhibits incorporated by the Standard Grant Agreement.

5. Performance Measures.

The Grantee warrants that: (1) the services will be performed by qualified personnel; (2) the services will be of the kind and quality described in the Grant Work Plan; (3) the services will be performed in a professional and workmanlike manner in accordance with industry standards and practices; (4) the services shall not and do not knowingly infringe upon the intellectual property rights, or any other proprietary rights, of any third party; and (5) its employees, subcontractors, and/or subgrantees shall comply with any security and safety requirements and processes, if provided by Department, for work done at the Project Location(s). The Department reserves the right to investigate or inspect at any time to determine whether the services or qualifications offered by Grantee meet the Agreement requirements. Notwithstanding any provisions herein to the contrary, written acceptance of a particular deliverable does not foreclose Department's remedies in the event deficiencies in the deliverable cannot be readily measured at the time of delivery.

6. Acceptance of Deliverables.

- a. Acceptance Process. All deliverables must be received and accepted in writing by Department's Grant Manager before payment. The Grantee shall work diligently to correct all deficiencies in the deliverable that remain outstanding, within a reasonable time at Grantee's expense. If Department's Grant Manager does not accept the deliverables within 30 days of receipt, they will be deemed rejected.
- b. Rejection of Deliverables. The Department reserves the right to reject deliverables, as outlined in the Grant Work Plan, as incomplete, inadequate, or unacceptable due, in whole or in part, to Grantee's lack of satisfactory performance under the terms of this Agreement. The Grantee's efforts to correct the rejected deliverables will be at Grantee's sole expense. Failure to fulfill the applicable technical requirements or complete all tasks or activities in accordance with the Grant Work Plan will result in rejection of the deliverable and the associated invoice. Payment for the rejected deliverable will not be issued unless the rejected deliverable is made acceptable to Department in accordance with the Agreement requirements. The Department, at its option, may allow additional time within which Grantee may remedy the objections noted by Department. The Grantee's failure to make adequate or acceptable deliverables after a reasonable opportunity to do so shall constitute an event of default.

7. Financial Consequences for Nonperformance.

- a. Withholding Payment. In addition to the specific consequences explained in the Grant Work Plan and/or Special Terms and Conditions, the State of Florida (State) reserves the right to withhold payment when the Grantee has failed to perform/comply with provisions of this Agreement. None of the financial consequences for nonperformance in this Agreement as more fully described in the Grant Work Plan shall be considered penalties.
- b. Invoice reduction
If Grantee does not meet a deadline for any deliverable, the Department will reduce the invoice by 1% for each day the deadline is missed, unless an extension is approved in writing by the Department.
- c. Corrective Action Plan. If Grantee fails to correct all the deficiencies in a rejected deliverable within the specified timeframe, Department may, in its sole discretion, request that a proposed Corrective Action Plan (CAP) be submitted by Grantee to Department. The Department requests that Grantee specify the outstanding deficiencies in the CAP. All CAPs must be able to be implemented and performed in no more than sixty (60) calendar days.
 - i. The Grantee shall submit a CAP within ten (10) days of the date of the written request from Department. The CAP shall be sent to the Department's Grant Manager for review and approval. Within ten (10) days of receipt of a CAP, Department shall notify Grantee in writing whether the CAP proposed has been accepted. If the CAP is not accepted, Grantee shall have ten (10) days from receipt of Department letter rejecting the proposal to submit a revised proposed CAP. Failure to obtain Department approval of a CAP as specified above may result in Department's termination of this Agreement for cause as authorized in this Agreement.
 - ii. Upon Department's notice of acceptance of a proposed CAP, Grantee shall have ten (10) days to commence implementation of the accepted plan. Acceptance of the proposed CAP by Department

does not relieve Grantee of any of its obligations under the Agreement. In the event the CAP fails to correct or eliminate performance deficiencies by Grantee, Department shall retain the right to require additional or further remedial steps, or to terminate this Agreement for failure to perform. No actions approved by Department or steps taken by Grantee shall preclude Department from subsequently asserting any deficiencies in performance. The Grantee shall continue to implement the CAP until all deficiencies are corrected. Reports on the progress of the CAP will be made to Department as requested by Department's Grant Manager.

- iii. Failure to respond to a Department request for a CAP or failure to correct a deficiency in the performance of the Agreement as specified by Department may result in termination of the Agreement.

8. Payment.

- a. Payment Process. Subject to the terms and conditions established by the Agreement, the pricing per deliverable established by the Grant Work Plan, and the billing procedures established by Department, Department agrees to pay Grantee for services rendered in accordance with section 215.422, Florida Statutes (F.S.).
- b. Taxes. The Department is exempted from payment of State sales, use taxes and Federal excise taxes. The Grantee, however, shall not be exempted from paying any taxes that it is subject to, including State sales and use taxes, or for payment by Grantee to suppliers for taxes on materials used to fulfill its contractual obligations with Department. The Grantee shall not use Department's exemption number in securing such materials. The Grantee shall be responsible and liable for the payment of all its FICA/Social Security and other taxes resulting from this Agreement.
- c. Maximum Amount of Agreement. The maximum amount of compensation under this Agreement, without an amendment, is described in the Standard Grant Agreement. Any additional funds necessary for the completion of this Project are the responsibility of Grantee.
- d. Reimbursement for Costs. The Grantee shall be paid on a cost reimbursement basis for all eligible Project costs upon the completion, submittal, and approval of each deliverable identified in the Grant Work Plan. Reimbursement shall be requested on Exhibit C, Payment Request Summary Form. To be eligible for reimbursement, costs must be in compliance with laws, rules, and regulations applicable to expenditures of State funds, including, but not limited to, the Reference Guide for State Expenditures, which can be accessed at the following web address: <https://www.myfloridacfo.com/docs-sf/accounting-and-auditing-libraries/state-agencies/reference-guide-for-state-expenditures.pdf>.
- e. Rural Communities and Rural Areas of Opportunity. If Grantee is a county or municipality that qualifies as a "rural community" or "rural area of opportunity" (RAO) as defined in subsection 288.0656(2), F.S., such Grantee may request from the Department that all invoice payments under this Agreement be directed to the relevant county or municipality or to the RAO itself. The Department will agree to Grantee's request if:
 - i. Grantee demonstrates that it is a county or municipality that qualifies as a "rural community" or "rural area of opportunity" under subsection 288.0656(2), F.S.;
 - ii. Grantee demonstrates current financial hardship using one (1) or more of the "economic distress" factors defined in subsection 288.0656(2)(c), F.S.;
 - iii. Grantee's performance has been verified by the Department, which has determined that Grantee is eligible for invoice payments and that Grantee's performance has been completed in accordance with this Agreement's terms and conditions; and
 - iv. Applicable federal and state law(s), rule(s) and regulation(s) allow for such payments.This subsection may not be construed to alter or limit any other applicable provisions of federal or state law, rule, or regulation. A current list of Florida's designated RAOs can be accessed at the following web address: <https://floridajobs.org/community-planning-and-development/rural-community-programs/rural-areas-of-opportunity>.
- f. Invoice Detail. All charges for services rendered or for reimbursement of expenses authorized by Department pursuant to the Grant Work Plan shall be submitted to Department in sufficient detail for a proper pre-audit and post-audit to be performed. The Grantee shall only invoice Department for deliverables that are completed in accordance with the Grant Work Plan.
- g. State Funds Documentation. Pursuant to section 216.1366, F.S., if Contractor meets the definition of a non-profit organization under section 215.97(2)(m), F.S., Contractor must provide the Department with documentation that indicates the amount of state funds:
 - i. Allocated to be used during the full term of the contract or agreement for remuneration to any member of the board of directors or an officer of Contractor.

- ii. Allocated under each payment by the public agency to be used for remuneration of any member of the board of directors or an officer of the Contractor.

The documentation must indicate the amounts and recipients of the remuneration. Such information must be posted on the State's the contract tracking system and maintained pursuant to section 215.985, F.S., and must be posted on the Contractor's website, if Contractor maintains a website.

- h. Interim Payments. Interim payments may be made by Department, at its discretion, if the completion of deliverables to date have first been accepted in writing by Department's Grant Manager.
- i. Final Payment Request. A final payment request should be submitted to Department no later than sixty (60) days following the expiration date of the Agreement to ensure the availability of funds for payment. However, all work performed pursuant to the Grant Work Plan must be performed on or before the expiration date of the Agreement.
- j. Annual Appropriation Contingency. The State's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. This Agreement is not a commitment of future appropriations. Authorization for continuation and completion of work and any associated payments may be rescinded, with proper notice, at the discretion of Department if the Legislature reduces or eliminates appropriations.
- k. Interest Rates. All interest rates charged under the Agreement shall be calculated on the prevailing rate used by the State Board of Administration. To obtain the applicable interest rate, please refer to: <https://www.myfloridacfo.com/division/aa/local-governments/judgement-interest-rates>.
- l. Refund of Payments to the Department. Any balance of unobligated funds that have been advanced or paid must be refunded to Department. Any funds paid in excess of the amount to which Grantee or subgrantee is entitled under the terms of the Agreement must be refunded to Department. If this Agreement is funded with federal funds and the Department is required to refund the federal government, the Grantee shall refund the Department its share of those funds.

9. Documentation Required for Cost Reimbursement Grant Agreements and Match.

If Cost Reimbursement or Match is authorized in Attachment 2, Special Terms and Conditions, the following conditions apply. Supporting documentation must be provided to substantiate cost reimbursement or match requirements for the following budget categories:

- a. Salary/Wages. Grantee shall list personnel involved, position classification, direct salary rates, and hours spent on the Project in accordance with Attachment 3, Grant Work Plan in their documentation for reimbursement or match requirements.
- b. Overhead/Indirect/General and Administrative Costs. If Grantee is being reimbursed for or claiming match for multipliers, all multipliers used (i.e., fringe benefits, overhead, indirect, and/or general and administrative rates) shall be supported by audit. If Department determines that multipliers charged by Grantee exceeded the rates supported by audit, Grantee shall be required to reimburse such funds to Department within thirty (30) days of written notification. Interest shall be charged on the excessive rate.
- c. Contractual Costs (Subcontractors). Match or reimbursement requests for payments to subcontractors must be substantiated by copies of invoices with backup documentation identical to that required from Grantee. Subcontracts which involve payments for direct salaries shall clearly identify the personnel involved, salary rate per hour, and hours spent on the Project. All eligible multipliers used (i.e., fringe benefits, overhead, indirect, and/or general and administrative rates) shall be supported by audit. If Department determines that multipliers charged by any subcontractor exceeded the rates supported by audit, Grantee shall be required to reimburse such funds to Department within thirty (30) days of written notification. Interest shall be charged on the excessive rate. Nonconsumable and/or nonexpendable personal property or equipment costing \$5,000 or more purchased for the Project under a subcontract is subject to the requirements set forth in chapters 273 and/or 274, F.S., and Chapter 69I-72, Florida Administrative Code (F.A.C.) and/or Chapter 69I-73, F.A.C., as applicable. For grants funded with federal funds, nonconsumable and/or nonexpendable personal property or equipment costing \$10,000 or more purchased for the Project under a subcontract is subject to the requirements set forth in 2 CFR 200. The Grantee shall be responsible for maintaining appropriate property records for any subcontracts that include the purchase of equipment as part of the delivery of services. The Grantee shall comply with this requirement and ensure its subcontracts issued under this Agreement, if any, impose this requirement, in writing, on its subcontractors.
 - i. For fixed-price (vendor) subcontracts, the following provisions shall apply: The Grantee may award, on a competitive basis, fixed-price subcontracts to consultants/contractors in performing the work described in Attachment 3, Grant Work Plan. Invoices submitted to Department for fixed-

- price subcontracted activities shall be supported with a copy of the subcontractor's invoice and a copy of the tabulation form for the competitive procurement process (e.g., Invitation to Bid, Request for Proposals, or other similar competitive procurement document) resulting in the fixed-price subcontract. The Grantee may request approval from Department to award a fixed-price subcontract resulting from procurement methods other than those identified above. In this instance, Grantee shall request the advance written approval from Department's Grant Manager of the fixed price negotiated by Grantee. The letter of request shall be supported by a detailed budget and Scope of Services to be performed by the subcontractor. Upon receipt of Department Grant Manager's approval of the fixed-price amount, Grantee may proceed in finalizing the fixed-price subcontract.
- ii. If the procurement is subject to the Consultant's Competitive Negotiation Act under section 287.055, F.S. or the Brooks Act, Grantee must provide documentation clearly evidencing it has complied with the statutory or federal requirements.
- d. Travel. All requests for match or reimbursement of travel expenses shall be in accordance with section 112.061, F.S.
 - e. Direct Purchase Equipment. For grants funded fully or in part with state funds, equipment is defined as capital outlay costing \$5,000 or more. For grants funded fully with federal funds, equipment is defined as capital outlay costing \$10,000 or more. Match or reimbursement for Grantee's direct purchase of equipment is subject to specific approval of Department, and does not include any equipment purchased under the delivery of services to be completed by a subcontractor. Include copies of invoices or receipts to document purchases, and a properly completed Exhibit B, Property Reporting Form.
 - f. Rental/Lease of Equipment. Match or reimbursement requests for rental/lease of equipment must include copies of invoices or receipts to document charges.
 - g. Miscellaneous/Other Expenses. If miscellaneous or other expenses, such as materials, supplies, non-excluded phone expenses, reproduction, or mailing, are reimbursable or available for match or reimbursement under the terms of this Agreement, the documentation supporting these expenses must be itemized and include copies of receipts or invoices. Additionally, independent of Grantee's contract obligations to its subcontractor, Department shall not reimburse any of the following types of charges: cell phone usage; attorney's fees or court costs; civil or administrative penalties; or handling fees, such as set percent overages associated with purchasing supplies or equipment.
 - h. Land Acquisition. Reimbursement for the costs associated with acquiring interest and/or rights to real property (including access rights through ingress/egress easements, leases, license agreements, or other site access agreements; and/or obtaining record title ownership of real property through purchase) must be supported by the following, as applicable: Copies of Property Appraisals, Environmental Site Assessments, Surveys and Legal Descriptions, Boundary Maps, Acreage Certification, Title Search Reports, Title Insurance, Closing Statements/Documents, Deeds, Leases, Easements, License Agreements, or other legal instrument documenting acquired property interest and/or rights. If land acquisition costs are used to meet match requirements, Grantee agrees that those funds shall not be used as match for any other Agreement supported by State or Federal funds.

10. Status Reports.

The Grantee shall submit status reports quarterly, unless otherwise specified in the Attachments, on Exhibit A, Progress Report Form, to Department's Grant Manager describing the work performed during the reporting period, problems encountered, problem resolutions, scheduled updates, and proposed work for the next reporting period. Quarterly status reports are due no later than twenty (20) days following the completion of the quarterly reporting period. For the purposes of this reporting requirement, the quarterly reporting periods end on March 31, June 30, September 30 and December 31. The Department will review the required reports submitted by Grantee within thirty (30) days.

11. Retainage.

The following provisions apply if Department withholds retainage under this Agreement:

- a. The Department reserves the right to establish the amount and application of retainage on the work performed under this Agreement up to the maximum percentage described in Attachment 2, Special Terms and Conditions. Retainage may be withheld from each payment to Grantee pending satisfactory completion of work and approval of all deliverables.
- b. If Grantee fails to perform the requested work or fails to perform the work in a satisfactory manner, Grantee shall forfeit its right to payment of the retainage associated with the work. Failure to perform includes, but is not limited to, failure to submit the required deliverables or failure to provide adequate documentation that the work was actually performed. The Department shall provide written notification to Grantee of the failure to perform

that shall result in retainage forfeiture. If the Grantee does not correct the failure to perform within the timeframe stated in Department's notice, the retainage will be forfeited to Department.

- c. No retainage shall be released or paid for incomplete work while this Agreement is suspended.
- d. Except as otherwise provided above, Grantee shall be paid the retainage associated with the work, provided Grantee has completed the work and submits an invoice for retainage held in accordance with the invoicing procedures under this Agreement.

12. Insurance.

- a. Insurance Requirements for Sub-Grantees and/or Subcontractors. The Grantee shall require its sub-grantees and/or subcontractors, if any, to maintain insurance coverage of such types and with such terms and limits as described in this Agreement. The Grantee shall require all its sub-grantees and/or subcontractors, if any, to make compliance with the insurance requirements of this Agreement a condition of all contracts that are related to this Agreement. Sub-grantees and/or subcontractors must provide proof of insurance upon request.
- b. Deductibles. The Department shall be exempt from, and in no way liable for, any sums of money representing a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Grantee providing such insurance.
- c. Proof of Insurance. Upon execution of this Agreement, Grantee shall provide Department documentation demonstrating the existence and amount for each type of applicable insurance coverage *prior to* performance of any work under this Agreement. Upon receipt of written request from Department, Grantee shall furnish Department with proof of applicable insurance coverage by standard form certificates of insurance, a self-insured authorization, or other certification of self-insurance.
- d. Duty to Maintain Coverage. In the event that any applicable coverage is cancelled by the insurer for any reason, or if Grantee cannot get adequate coverage, Grantee shall immediately notify Department of such cancellation and shall obtain adequate replacement coverage conforming to the requirements herein and provide proof of such replacement coverage within ten (10) days after the cancellation of coverage.
- e. Insurance Trust. If the Grantee's insurance is provided through an insurance trust, the Grantee shall instead add the Department of Environmental Protection, its employees, and officers as an additional covered party everywhere the Agreement requires them to be added as an additional insured.

13. Termination.

- a. Termination for Convenience. When it is in the State's best interest, Department may, at its sole discretion, terminate the Agreement in whole or in part by giving 30 days' written notice to Grantee. The Department shall notify Grantee of the termination for convenience with instructions as to the effective date of termination or the specific stage of work at which the Agreement is to be terminated. The Grantee must submit all invoices for work to be paid under this Agreement within thirty (30) days of the effective date of termination. The Department shall not pay any invoices received after thirty (30) days of the effective date of termination.
- b. Termination for Cause. The Department may terminate this Agreement if any of the events of default described in the Events of Default provisions below occur or in the event that Grantee fails to fulfill any of its other obligations under this Agreement. If, after termination, it is determined that Grantee was not in default, or that the default was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of Department. The rights and remedies of Department in this clause are in addition to any other rights and remedies provided by law or under this Agreement.
- c. Grantee Obligations upon Notice of Termination. After receipt of a notice of termination or partial termination unless as otherwise directed by Department, Grantee shall not furnish any service or deliverable on the date, and to the extent specified, in the notice. However, Grantee shall continue work on any portion of the Agreement not terminated. If the Agreement is terminated before performance is completed, Grantee shall be paid only for that work satisfactorily performed for which costs can be substantiated. The Grantee shall not be entitled to recover any cancellation charges or lost profits.
- d. Continuation of Prepaid Services. If Department has paid for any services prior to the expiration, cancellation, or termination of the Agreement, Grantee shall continue to provide Department with those services for which it has already been paid or, at Department's discretion, Grantee shall provide a refund for services that have been paid for but not rendered.
- e. Transition of Services Upon Termination, Expiration, or Cancellation of the Agreement. If services provided under the Agreement are being transitioned to another provider(s), Grantee shall assist in the smooth transition of Agreement services to the subsequent provider(s). This requirement is at a minimum an affirmative obligation to cooperate with the new provider(s), however additional requirements may be outlined in the Grant

Work Plan. The Grantee shall not perform any services after Agreement expiration or termination, except as necessary to complete the transition or continued portion of the Agreement, if any.

14. Notice of Default.

If Grantee defaults in the performance of any covenant or obligation contained in the Agreement, including, any of the events of default, Department shall provide notice to Grantee and an opportunity to cure that is reasonable under the circumstances. This notice shall state the nature of the failure to perform and provide a time certain for correcting the failure. The notice will also provide that, should the Grantee fail to perform within the time provided, Grantee will be found in default, and Department may terminate the Agreement effective as of the date of receipt of the default notice.

15. Events of Default.

Provided such failure is not the fault of Department or outside the reasonable control of Grantee, the following non-exclusive list of events, acts, or omissions, shall constitute events of default:

- a. The commitment of any material breach of this Agreement by Grantee, including failure to timely deliver a material deliverable, failure to perform the minimal level of services required for a deliverable, discontinuance of the performance of the work, failure to resume work that has been discontinued within a reasonable time after notice to do so, or abandonment of the Agreement;
- b. The commitment of any material misrepresentation or omission in any materials, or discovery by the Department of such, made by the Grantee in this Agreement or in its application for funding;
- c. Failure to submit any of the reports required by this Agreement or having submitted any report with incorrect, incomplete, or insufficient information;
- d. Failure to honor any term of the Agreement;
- e. Failure to abide by any statutory, regulatory, or licensing requirement, including an entry of an order revoking the certificate of authority granted to the Grantee by a state or other licensing authority;
- f. Failure to pay any and all entities, individuals, and furnishing labor or materials, or failure to make payment to any other entities as required by this Agreement;
- g. Employment of an unauthorized alien in the performance of the work, in violation of Section 274 (A) of the Immigration and Nationality Act;
- h. Failure to maintain the insurance required by this Agreement;
- i. One or more of the following circumstances, uncorrected for more than thirty (30) days unless, within the specified 30-day period, Grantee (including its receiver or trustee in bankruptcy) provides to Department adequate assurances, reasonably acceptable to Department, of its continuing ability and willingness to fulfill its obligations under the Agreement:
 - i. Entry of an order for relief under Title 11 of the United States Code;
 - ii. The making by Grantee of a general assignment for the benefit of creditors;
 - iii. The appointment of a general receiver or trustee in bankruptcy of Grantee's business or property; and/or
 - iv. An action by Grantee under any state insolvency or similar law for the purpose of its bankruptcy, reorganization, or liquidation.

16. Suspension of Work.

The Department may, in its sole discretion, suspend any or all activities under the Agreement, at any time, when it is in the best interest of the State to do so. The Department shall provide Grantee written notice outlining the particulars of suspension. Examples of reasons for suspension include, but are not limited to, budgetary constraints, declaration of emergency, or other such circumstances. After receiving a suspension notice, Grantee shall comply with the notice. Within 90 days, or any longer period agreed to by the parties, Department shall either: (1) issue a notice authorizing resumption of work, at which time activity shall resume; or (2) terminate the Agreement. If the Agreement is terminated after 30 days of suspension, the notice of suspension shall be deemed to satisfy the thirty (30) days' notice required for a notice of termination for convenience. Suspension of work shall not entitle Grantee to any additional compensation.

17. Force Majeure.

The Grantee shall not be responsible for delay resulting from its failure to perform if neither the fault nor the negligence of Grantee or its employees or agents contributed to the delay and the delay is due directly to acts of God, wars, acts of public enemies, strikes, fires, floods, or other similar cause wholly beyond Grantee's control, or for any of the foregoing that affect subcontractors or suppliers if no alternate source of supply is available to Grantee. In case of any delay Grantee believes is excusable, Grantee shall notify Department in writing of the delay or potential delay and describe the cause of the delay either (1) within ten days after the cause that creates or will create the delay first

arose, if Grantee could reasonably foresee that a delay could occur as a result; or (2) if delay is not reasonably foreseeable, within five days after the date Grantee first had reason to believe that a delay could result. **THE FOREGOING SHALL CONSTITUTE THE GRANTEE'S SOLE REMEDY OR EXCUSE WITH RESPECT TO DELAY.** Providing notice in strict accordance with this paragraph is a condition precedent to such remedy. No claim for damages, other than for an extension of time, shall be asserted against Department. The Grantee shall not be entitled to an increase in the Agreement price or payment of any kind from Department for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference, or hindrance from any cause whatsoever. If performance is suspended or delayed, in whole or in part, due to any of the causes described in this paragraph, after the causes have ceased to exist Grantee shall perform at no increased cost, unless Department determines, in its sole discretion, that the delay will significantly impair the value of the Agreement to Department, in which case Department may: (1) accept allocated performance or deliveries from Grantee, provided that Grantee grants preferential treatment to Department with respect to products subjected to allocation; (2) contract with other sources (without recourse to and by Grantee for the related costs and expenses) to replace all or part of the products or services that are the subject of the delay, which purchases may be deducted from the Agreement quantity; or (3) terminate Agreement in whole or in part.

18. Indemnification.

- a. The Grantee shall be fully liable for the actions of its agents, employees, partners, or subcontractors and shall fully indemnify, defend, and hold harmless Department and its officers, agents, and employees, from suits, actions, damages, and costs of every name and description arising from or relating to:
 - i. personal injury and damage to real or personal tangible property alleged to be caused in whole or in part by Grantee, its agents, employees, partners, or subcontractors; provided, however, that Grantee shall not indemnify for that portion of any loss or damages proximately caused by the negligent act or omission of Department;
 - ii. the Grantee's breach of this Agreement or the negligent acts or omissions of Grantee.
- b. The Grantee's obligations under the preceding paragraph with respect to any legal action are contingent upon Department giving Grantee: (1) written notice of any action or threatened action; (2) the opportunity to take over and settle or defend any such action at Grantee's sole expense; and (3) assistance in defending the action at Grantee's sole expense. The Grantee shall not be liable for any cost, expense, or compromise incurred or made by Department in any legal action without Grantee's prior written consent, which shall not be unreasonably withheld.
- c. Notwithstanding sections a. and b. above, the following is the sole indemnification provision that applies to Grantees that are governmental entities: Each party hereto agrees that it shall be solely responsible for the negligent or wrongful acts of its employees and agents. However, nothing contained herein shall constitute a waiver by either party of its sovereign immunity or the provisions of section 768.28, F.S. Further, nothing herein shall be construed as consent by a state agency or subdivision of the State to be sued by third parties in any matter arising out of any contract or this Agreement.
- d. No provision in this Agreement shall require Department to hold harmless or indemnify Grantee, insure or assume liability for Grantee's negligence, waive Department's sovereign immunity under the laws of Florida, or otherwise impose liability on Department for which it would not otherwise be responsible. Any provision, implication or suggestion to the contrary is null and void.

19. Limitation of Liability.

The Department's liability for any claim arising from this Agreement is limited to compensatory damages in an amount no greater than the sum of the unpaid balance of compensation due for goods or services rendered pursuant to and in compliance with the terms of the Agreement. Such liability is further limited to a cap of \$100,000.

20. Remedies.

Nothing in this Agreement shall be construed to make Grantee liable for force majeure events. Nothing in this Agreement, including financial consequences for nonperformance, shall limit Department's right to pursue its remedies for other types of damages under the Agreement, at law or in equity. The Department may, in addition to other remedies available to it, at law or in equity and upon notice to Grantee, retain such monies from amounts due Grantee as may be necessary to satisfy any claim for damages, penalties, costs and the like asserted by or against it.

21. Waiver.

The delay or failure by Department to exercise or enforce any of its rights under this Agreement shall not constitute or be deemed a waiver of Department's right thereafter to enforce those rights, nor shall any single or partial exercise of any such right preclude any other or further exercise thereof or the exercise of any other right.

22. Statutory Notices Relating to Unauthorized Employment and Subcontracts.

- a. The Department shall consider the employment by any Grantee of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If Grantee/subcontractor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of this Agreement. The Grantee shall be responsible for including this provision in all subcontracts with private organizations issued as a result of this Agreement.
- b. Pursuant to sections 287.133, 287.134, and 287.137 F.S., the following restrictions apply to persons placed on the convicted vendor list, discriminatory vendor list, or the antitrust violator vendor list:
 - i. Public Entity Crime. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a Grantee, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in section 287.017, F.S., for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.
 - ii. Discriminatory Vendors. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.
 - iii. Antitrust Violator Vendors. A person or an affiliate who has been placed on the antitrust violator vendor list following a conviction or being held civilly liable for an antitrust violation may not submit a bid, proposal, or reply on any contract to provide any good or services to a public entity; may not submit a bid, proposal, or reply on any contract with a public entity for the construction or repair of a public building or public work; may not submit a bid, proposal, or reply on leases of real property to a public entity; may not be awarded or perform work as a Grantee, supplier, subcontractor, or consultant under a contract with a public entity; and may not transact new business with a public entity.
 - iv. Notification. The Grantee shall notify Department if it or any of its suppliers, subcontractors, or consultants have been placed on the convicted vendor list, the discriminatory vendor list, or antitrust violator vendor list during the life of the Agreement. The Florida Department of Management Services is responsible for maintaining the discriminatory vendor list and the antitrust violator vendor list and posts the list on its website. Questions regarding the discriminatory vendor list or antitrust violator vendor list may be directed to the Florida Department of Management Services, Office of Supplier Development, at (850) 487-0915.

23. Compliance with Federal, State and Local Laws.

- a. The Grantee and all its agents shall comply with all federal, state and local regulations, including, but not limited to, nondiscrimination, wages, social security, workers' compensation, licenses, and registration requirements. The Grantee shall include this provision in all subcontracts issued as a result of this Agreement.
- b. No person, on the grounds of race, creed, color, religion, national origin, age, gender, or disability, shall be excluded from participation in; be denied the proceeds or benefits of; or be otherwise subjected to discrimination in performance of this Agreement.
- c. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.
- d. Any dispute concerning performance of the Agreement shall be processed as described herein. Jurisdiction for any damages arising under the terms of the Agreement will be in the courts of the State, and venue will be in the Second Judicial Circuit, in and for Leon County. Except as otherwise provided by law, the parties agree to be responsible for their own attorney fees incurred in connection with disputes arising under the terms of this Agreement.

24. Build America, Buy America Act (BABA) - Infrastructure Projects with Federal Funding.

This provision does not apply to Agreements that are wholly funded by Coronavirus State and Local Fiscal Recovery Funds under the American Rescue Plan Act. Also, this provision does not apply where

there is a valid waiver in place. However, the provision may apply to funds expended before the waiver or after expiration of the waiver.

If applicable, Recipients or Subrecipients of an award of Federal financial assistance from a program for infrastructure are required to comply with the Build America, Buy America Act (BABA), including the following provisions:

- a. All iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
- b. All manufactured products used in the project are produced in the United States--this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
- c. All construction materials are manufactured in the United States--this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

25. Investing in America

Grantees of an award for construction projects in whole or in part by the Bipartisan Infrastructure Law or the Inflation Reduction Act, including the following provision:

- a. Signage Requirements
 - a. Investing in America Emblem: The recipient will ensure that a sign is placed at construction sites supported in whole or in part by this award displaying the official Investing in America emblem and must identify the project as a “project funded by President Biden’s Bipartisan Infrastructure Law” or “project funded by President Biden’s Inflation Reduction Act” as applicable. The sign must be placed at construction sites in an easily visible location that can be directly linked to the work taking place and must be maintained in good condition throughout the construction period.
The recipient will ensure compliance with the guidelines and design specifications provided by EPA for using the official Investing in America emblem available at: <https://www.epa.gov/invest/investing-america-signage>.
 - b. Procuring Signs: Consistent with section 6002 of RCRA, 42 U.S.C. 6962, and 2 CFR 200.323, recipients are encouraged to use recycled or recovered materials when procuring signs. Signage costs are considered an allowable cost under this assistance agreement provided that the costs associated with signage are reasonable. Additionally, to increase public awareness of projects serving communities where English is not the predominant language, recipients are encouraged to translate the language on signs (excluding the official Investing in America emblem or EPA logo or seal) into the appropriate non-English language(s). The costs of such translation are allowable, provided the costs are reasonable.

26. Scrutinized Companies.

- a. Grantee certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, F.S., the Department may immediately terminate this Agreement at its sole option if the Grantee is found to have submitted a false certification; or if the Grantee is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
- b. If this Agreement is for more than one million dollars, the Grantee certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in section 287.135, F.S. Pursuant to section 287.135, F.S., the Department may immediately terminate this Agreement at its sole option if the Grantee is found to have submitted a false certification; or if the Grantee is placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized

Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

- c. As provided in subsection 287.135(8), F.S., if federal law ceases to authorize these contracting prohibitions, then they shall become inoperative.

27. Lobbying and Integrity.

The Grantee agrees that no funds received by it under this Agreement will be expended for the purpose of lobbying the Legislature or a State agency pursuant to section 216.347, F.S., except that pursuant to the requirements of section 287.058(6), F.S., during the term of any executed agreement between Grantee and the State, Grantee may lobby the executive or legislative branch concerning the scope of services, performance, term, or compensation regarding that agreement. The Grantee shall comply with sections 11.062 and 216.347, F.S.

28. Record Keeping.

The Grantee shall maintain books, records and documents directly pertinent to performance under this Agreement in accordance with United States generally accepted accounting principles (US GAAP) consistently applied. The Department, the State, or their authorized representatives shall have access to such records for audit purposes during the term of this Agreement and for five (5) years following the completion date or termination of the Agreement. In the event that any work is subcontracted, Grantee shall similarly require each subcontractor to maintain and allow access to such records for audit purposes. Upon request of Department's Inspector General, or other authorized State official, Grantee shall provide any type of information the Inspector General deems relevant to Grantee's integrity or responsibility. Such information may include, but shall not be limited to, Grantee's business or financial records, documents, or files of any type or form that refer to or relate to Agreement. The Grantee shall retain such records for the longer of: (1) three years after the expiration of the Agreement; or (2) the period required by the General Records Schedules maintained by the Florida Department of State (available at: <http://dos.myflorida.com/library-archives/records-management/general-records-schedules/>).

29. Audits.

- a. Inspector General. The Grantee understands its duty, pursuant to section 20.055(5), F.S., to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing. The Grantee will comply with this duty and ensure that its sub-grantees and/or subcontractors issued under this Agreement, if any, impose this requirement, in writing, on its sub-grantees and/or subcontractors, respectively.
- b. Physical Access and Inspection. Department personnel shall be given access to and may observe and inspect work being performed under this Agreement, with reasonable notice and during normal business hours, including by any of the following methods:
 - i. Grantee shall provide access to any location or facility on which Grantee is performing work, or storing or staging equipment, materials or documents;
 - ii. Grantee shall permit inspection of any facility, equipment, practices, or operations required in performance of any work pursuant to this Agreement; and,
 - iii. Grantee shall allow and facilitate sampling and monitoring of any substances, soils, materials or parameters at any location reasonable or necessary to assure compliance with any work or legal requirements pursuant to this Agreement.
- c. Special Audit Requirements. The Grantee shall comply with the applicable provisions contained in Attachment 5, Special Audit Requirements. Each amendment that authorizes a funding increase or decrease shall include an updated copy of Exhibit 1, to Attachment 5. If Department fails to provide an updated copy of Exhibit 1 to include in each amendment that authorizes a funding increase or decrease, Grantee shall request one from the Department's Grants Manager. The Grantee shall consider the type of financial assistance (federal and/or state) identified in Attachment 5, Exhibit 1 and determine whether the terms of Federal and/or Florida Single Audit Act Requirements may further apply to lower tier transactions that may be a result of this Agreement. For federal financial assistance, Grantee shall utilize the guidance provided under 2 CFR §200.331 for determining whether the relationship represents that of a subrecipient or vendor. For State financial assistance, Grantee shall utilize the form entitled "Checklist for Nonstate Organizations Recipient/Subrecipient vs Vendor Determination" (form number DFS-A2-NS) that can be found under the "Links/Forms" section appearing at the following website: <https://apps.fldfs.com/fsaa>.
- d. Proof of Transactions. In addition to documentation provided to support cost reimbursement as described herein, Department may periodically request additional proof of a transaction to evaluate the appropriateness of costs to the Agreement pursuant to State guidelines (including cost allocation guidelines) and federal, if applicable. Allowable costs and uniform administrative requirements for federal programs can be found under 2 CFR 200. The Department may also request a cost allocation plan in support of its multipliers (overhead, indirect,

general administrative costs, and fringe benefits). The Grantee must provide the additional proof within thirty (30) days of such request.

- e. **No Commingling of Funds.** The accounting systems for all Grantees must ensure that these funds are not commingled with funds from other agencies. Funds from each agency must be accounted for separately. Grantees are prohibited from commingling funds on either a program-by-program or a project-by-project basis. Funds specifically budgeted and/or received for one project may not be used to support another project. Where a Grantee's, or subrecipient's, accounting system cannot comply with this requirement, Grantee, or subrecipient, shall establish a system to provide adequate fund accountability for each project it has been awarded.
- i. If Department finds that these funds have been commingled, Department shall have the right to demand a refund, either in whole or in part, of the funds provided to Grantee under this Agreement for non-compliance with the material terms of this Agreement. The Grantee, upon such written notification from Department shall refund, and shall forthwith pay to Department, the amount of money demanded by Department. Interest on any refund shall be calculated based on the prevailing rate used by the State Board of Administration. Interest shall be calculated from the date(s) the original payment(s) are received from Department by Grantee to the date repayment is made by Grantee to Department.
 - ii. In the event that the Grantee recovers costs, incurred under this Agreement and reimbursed by Department, from another source(s), Grantee shall reimburse Department for all recovered funds originally provided under this Agreement and interest shall be charged for those recovered costs as calculated on from the date(s) the payment(s) are recovered by Grantee to the date repayment is made to Department.
 - iii. Notwithstanding the requirements of this section, the above restrictions on commingling funds do not apply to agreements where payments are made purely on a cost reimbursement basis.

30. Conflict of Interest.

The Grantee covenants that it presently has no interest and shall not acquire any interest which would conflict in any manner or degree with the performance of services required.

31. Independent Contractor.

The Grantee is an independent contractor and is not an employee or agent of Department.

32. Subcontracting.

- a. Unless otherwise specified in the Special Terms and Conditions, all services contracted for are to be performed solely by Grantee.
- b. The Department may, for cause, require the replacement of any Grantee employee, subcontractor, or agent. For cause, includes, but is not limited to, technical or training qualifications, quality of work, change in security status, or non-compliance with an applicable Department policy or other requirement.
- c. The Department may, for cause, deny access to Department's secure information or any facility by any Grantee employee, subcontractor, or agent.
- d. The Department's actions under paragraphs b. or c. shall not relieve Grantee of its obligation to perform all work in compliance with the Agreement. The Grantee shall be responsible for the payment of all monies due under any subcontract. The Department shall not be liable to any subcontractor for any expenses or liabilities incurred under any subcontract and Grantee shall be solely liable to the subcontractor for all expenses and liabilities incurred under any subcontract.
- e. The Department will not deny Grantee's employees, subcontractors, or agents access to meetings within the Department's facilities, unless the basis of Department's denial is safety or security considerations.
- f. The Department supports diversity in its procurement program and requests that all subcontracting opportunities afforded by this Agreement embrace diversity enthusiastically. The award of subcontracts should reflect the full diversity of the citizens of the State. A list of minority-owned firms that could be offered subcontracting opportunities may be obtained by contacting the Office of Supplier Development at (850) 487-0915.
- g. The Grantee shall not be liable for any excess costs for a failure to perform, if the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is completely beyond the control of both Grantee and the subcontractor(s), and without the fault or negligence of either, unless the subcontracted products or services were obtainable from other sources in sufficient time for Grantee to meet the required delivery schedule.

33. Guarantee of Parent Company.

If Grantee is a subsidiary of another corporation or other business entity, Grantee asserts that its parent company will guarantee all of the obligations of Grantee for purposes of fulfilling the obligations of Agreement. In the event Grantee

is sold during the period the Agreement is in effect, Grantee agrees that it will be a requirement of sale that the new parent company guarantee all of the obligations of Grantee.

34. Survival.

The respective obligations of the parties, which by their nature would continue beyond the termination or expiration of this Agreement, including without limitation, the obligations regarding confidentiality, proprietary interests, and public records, shall survive termination, cancellation, or expiration of this Agreement.

35. Third Parties.

The Department shall not be deemed to assume any liability for the acts, failures to act or negligence of Grantee, its agents, servants, and employees, nor shall Grantee disclaim its own negligence to Department or any third party. This Agreement does not and is not intended to confer any rights or remedies upon any person other than the parties. If Department consents to a subcontract, Grantee will specifically disclose that this Agreement does not create any third-party rights. Further, no third parties shall rely upon any of the rights and obligations created under this Agreement.

36. Severability.

If a court of competent jurisdiction deems any term or condition herein void or unenforceable, the other provisions are severable to that void provision, and shall remain in full force and effect.

37. Grantee's Employees, Subcontractors and Agents.

All Grantee employees, subcontractors, or agents performing work under the Agreement shall be properly trained technicians who meet or exceed any specified training qualifications. Upon request, Grantee shall furnish a copy of technical certification or other proof of qualification. All employees, subcontractors, or agents performing work under Agreement must comply with all security and administrative requirements of Department and shall comply with all controlling laws and regulations relevant to the services they are providing under the Agreement.

38. Assignment.

The Grantee shall not sell, assign, or transfer any of its rights, duties, or obligations under the Agreement, or under any purchase order issued pursuant to the Agreement, without the prior written consent of Department. In the event of any assignment, Grantee remains secondarily liable for performance of the Agreement, unless Department expressly waives such secondary liability. The Department may assign the Agreement with prior written notice to Grantee of its intent to do so.

39. Compensation Report.

If this Agreement is a sole-source, public-private agreement or if the Grantee, through this agreement with the State, annually receive 50% or more of their budget from the State or from a combination of State and Federal funds, the Grantee shall provide an annual report, including the most recent IRS Form 990, detailing the total compensation for the entities' executive leadership teams. Total compensation shall include salary, bonuses, cashed-in leave, cash equivalents, severance pay, retirement benefits, deferred compensation, real-property gifts, and any other payout. The Grantee must also inform the Department of any changes in total executive compensation between the annual reports. All compensation reports must indicate what percent of compensation comes directly from the State or Federal allocations to the Grantee.

40. Disclosure of Gifts from Foreign Sources.

If the value of the grant under this Agreement is \$100,000 or more, Grantee shall disclose to Department any current or prior interest of, any contract with, or any grant or gift received from a foreign country of concern, as defined in section 286.101, F.S., if such interest, contract, or grant or gift has a value of \$50,000 or more and such interest existed at any time or such contract or grant or gift was received or in force at any time during the previous 5 years. Such disclosure shall include the name and mailing address of the disclosing entity, the amount of the contract or grant or gift or the value of the interest disclosed, the applicable foreign country of concern and, if applicable, the date of termination of the contract or interest, the date of receipt of the grant or gift, and the name of the agent or controlled entity that is the source or interest holder. If the disclosure requirement is applicable as described above, then within 1 year before applying for any grant, Grantee must also provide a copy of such disclosure to the Department of Financial Services.

41. Food Commodities.

To the extent authorized by federal law, the Department, its grantees, contractors and subcontractors shall give preference to food commodities grown or produced in this state when purchasing food commodities, including farm products as defined in section 823.14, F.S., of any class, variety, or use thereof in their natural state or as processed by a farm operation or processor for the purpose of marketing such product.

42. Anti-human Trafficking.

If the Grantee is a nongovernmental entity, the Grantee must provide the Department with an affidavit signed by an officer or a representative of the Grantee under penalty of perjury attesting that the Grantee does not use coercion for labor or services as defined in section 787.06, F.S.

43. Iron and Steel for Public Works Projects.

If this Agreement funds a “public works project” as defined in section 255.0993, F.S., or the purchase of materials to be used in a public works project, any iron or steel permanently incorporated in the Project must be “produced in the United States,” as defined in section 255.0993, F.S. This requirement does not apply if the Department determines that any of the following circumstances apply to the Project:

- (1) iron or steel products produced in the United States are not produced in sufficient quantities, reasonably available, or of satisfactory quality;
- (2) the use of iron or steel products produced in the United States will increase the total cost of the project by more than twenty percent (20%); or
- (3) complying with this requirement is inconsistent with the public interest.

Further, this requirement does not prevent the Contractor’s minimal use of foreign steel and iron materials if:

- (1) such materials are incidental or ancillary to the primary product and are not separately identified in the project specifications; and
- (2) the “cost” of such materials, as defined in section 255.0993, F.S., does not exceed one-tenth of one percent (1%) of the total Project Cost under this Agreement or \$2,500, whichever is greater.

Electrical components, equipment, systems, and appurtenances, including supports, covers, shielding, and other appurtenances related to an electrical system that are necessary for operation or concealment (excepting transmission and distribution poles) are not considered to be iron or steel products and are, therefore, exempt from the requirements of this paragraph.

This provision shall be applied in a manner consistent with and may not be construed to impair the state’s obligations under any international agreement.

44. Complete and Accurate information.

Grantee represents and warrants that all statements and information provided to DEP are current, complete, and accurate. This includes all statements and information in this Grant, as well as its Attachments and Exhibits.

45. Execution in Counterparts and Authority to Sign.

This Agreement, any amendments, and/or change orders related to the Agreement, may be executed in counterparts, each of which shall be an original and all of which shall constitute the same instrument. In accordance with the Electronic Signature Act of 1996, electronic signatures, including facsimile transmissions, may be used and shall have the same force and effect as a written signature. Each person signing this Agreement warrants that he or she is duly authorized to do so and to bind the respective party to the Agreement.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Special Terms and Conditions
AGREEMENT NO. 25SRP11**

ATTACHMENT 2

These Special Terms and Conditions shall be read together with general terms outlined in the Standard Terms and Conditions, Attachment 1. Where in conflict, these more specific terms shall apply.

1. Scope of Work.

The Project funded under this Agreement is Miami-Dade County NW 7th Street Stormwater Improvements. The Project is defined in more detail in Attachment 3, Grant Work Plan.

2. Duration.

- a. Reimbursement Period. The reimbursement period for this Agreement is the same as the term of the Agreement.
- b. Extensions. There are extensions available for this Project.
- c. Service Periods. Additional service periods may be added in accordance with 2.a above and are contingent upon proper and satisfactory technical and administrative performance by the Grantee and the availability of funding.

3. Payment Provisions.

- a. Compensation. This is a cost reimbursement Agreement. The Grantee shall be compensated under this Agreement as described in Attachment 3.
- b. Invoicing. Invoicing will occur as indicated in Attachment 3.
- c. Advance Pay. Advance Pay is not authorized under this Agreement.

4. Cost Eligible for Reimbursement or Matching Requirements.

Reimbursement for costs or availability for costs to meet matching requirements shall be limited to the following budget categories, as defined in the Reference Guide for State Expenditures, as indicated:

<u>Reimbursement</u>	<u>Match</u>	<u>Category</u>
<input type="checkbox"/>	<input type="checkbox"/>	Salaries/Wages
		Overhead/Indirect/General and Administrative Costs:
<input type="checkbox"/>	<input type="checkbox"/>	a. Fringe Benefits, N/A.
<input type="checkbox"/>	<input type="checkbox"/>	b. Indirect Costs, N/A.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Contractual (Subcontractors)
<input type="checkbox"/>	<input type="checkbox"/>	Travel, in accordance with Section 112, F.S.
<input type="checkbox"/>	<input type="checkbox"/>	Equipment
<input type="checkbox"/>	<input type="checkbox"/>	Rental/Lease of Equipment
<input type="checkbox"/>	<input type="checkbox"/>	Miscellaneous/Other Expenses
<input type="checkbox"/>	<input type="checkbox"/>	Land Acquisition

5. Equipment Purchase.

No Equipment purchases shall be funded under this Agreement.

6. Land Acquisition.

There will be no Land Acquisitions funded under this Agreement.

7. Match Requirements

The Agreement requires at least a 50% match on the part of the Grantee. Therefore, the Grantee is responsible for providing \$751,500 through cash or third party in-kind towards the work funded under this Agreement.

The Grantee may claim allowable project expenditures made on July 1, 2021, or after for purposes of meeting its match requirement as identified above.

Each payment request submitted shall document all matching funds and/or match efforts (i.e., in-kind services) provided during the period covered by each request. The final payment will not be processed until the match requirement has been met.

If, upon completion of this Project, actual Project costs are less than the total estimated Project costs, and there are no pending payment requests, the Grantee's required match may be reduced proportionately, as long as at least a 50% match of the actual total cost of the Project is provided by the Grantee and the reduced amount satisfies statutory and program requirements.

8. Insurance Requirements

Required Coverage. At all times during the Agreement the Grantee, at its sole expense, shall maintain insurance coverage of such types and with such terms and limits described below. The limits of coverage under each policy maintained by the Grantee shall not be interpreted as limiting the Grantee's liability and obligations under the Agreement. Grantee shall provide coverage through a self-insurance program established and operating under the laws of Florida. Additional insurance requirements for this Agreement may be required elsewhere in this Agreement, however the minimum insurance requirements applicable to this Agreement are:

a. Comprehensive General Liability Insurance.

The Grantee shall provide adequate comprehensive general liability insurance coverage and hold such liability insurance at all times during the Agreement. The minimum limits shall be \$200,000 for each person and \$300,000 per occurrence.

b. Commercial Automobile Insurance.

If the Grantee's duties include the use of a commercial vehicle, the Grantee shall maintain automobile liability, bodily injury, and property damage coverage. Insuring clauses for both bodily injury and property damage shall provide coverage on an occurrence basis. The minimum limits shall be as follows:

\$200,000/300,000	Automobile Liability for Company-Owned Vehicles, if applicable
\$200,000/300,000	Hired and Non-owned Automobile Liability Coverage

c. Workers' Compensation.

The Grantee shall comply with the workers' compensation requirements of Chapter 440, F.S.

d. Other Insurance. None.

9. Quality Assurance Requirements.

There are no special Quality Assurance requirements under this Agreement.

10. Retainage.

Retainage is permitted under this Agreement. Retainage may be up to a maximum of 5% of the total amount of the Agreement.

11. Subcontracting.

The Grantee may subcontract work under this Agreement without the prior written consent of the Department's Grant Manager except for certain fixed-price subcontracts pursuant to this Agreement, which require prior approval. The Grantee shall submit a copy of the executed subcontract to the Department prior to submitting any invoices for subcontracted work. Regardless of any subcontract, the Grantee is ultimately responsible for all work to be performed under this Agreement.

12. State-owned Land.

The work will not be performed on State-owned land.

13. Office of Policy and Budget Reporting.

There are no special Office of Policy and Budget reporting requirements for this Agreement.

14. Common Carrier.

- a. Applicable to contracts with a common carrier – firm/person/corporation that as a regular business transports people or commodities from place to place. If applicable, Contractor must also fill out and return PUR 1808 before contract execution. If Contractor is a common carrier pursuant to section 908.111(1)(a), Florida Statutes, the Department will terminate this contract immediately if Contractor is found to be in violation of the law or the attestation in PUR 1808.

- b. Applicable to solicitations for a common carrier – Before contract execution, the winning Contractor(s) must fill out and return PUR 1808, and attest that it is not willfully providing any service in furtherance of transporting a person into this state knowing that the person unlawfully present in the United States according to the terms of the federal Immigration and Nationality Act, 8 U.S.C. ss. 1101 et seq. The Department will terminate a contract immediately if Contractor is found to be in violation of the law or the attestation in PUR 1808.

15. Financial Assistance and Payment of Invoices to Rural Communities or Rural Areas of Opportunity

This agreement does not provide federal or state financial assistance to a county or municipality that is a rural community or rural area of opportunity as those terms are defined in s. 288.0656(2).

16. Additional Terms.

None.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
GRANT WORK PLAN
AGREEMENT NO. 25SRP11**

ATTACHMENT 3

PROJECT TITLE: Miami-Dade County NW 7th Street Stormwater Improvements

PROJECT LOCATION: The Project is located in unincorporated Miami-Dade County, Florida.

PROJECT DESCRIPTION:

Miami-Dade County (Grantee) will construct Miami-Dade County NW 7th Street Stormwater Improvements (Project) in the C-4 (Tamiami Canal) watershed to include replacement of roadway stormwater infrastructure along NW 7th Street, from NW 76th Avenue to NW 82nd Avenue (Midway Pump Station) to mitigate repeated flooding in the area post regular rain events and storm events. Improvements include replacing the current catch basins, installing approximately 1,100 linear feet of 36” pipes to enhance storage and conveyance, and to repair or replace associated catch basins and outfalls. Project design criteria will utilize 2060 projections for Sea Level Rise.

TASKS AND DELIVERABLES:

Task 1: Sea Level Impact Projection (SLIP) Study Report

Description: The Grantee will submit a SLIP study report, if applicable, pursuant to the relevant Florida Statute (F.S.; s. 161.551, F.S., before July 1, 2024, and s. 380.0937, F.S., thereafter) and Chapter 62S-7, Florida Administrative Code (F.A.C.). The SLIP study report must be submitted to the Department, approved, and published for at least 30 days before construction begins. This will inform the project owner about the potential effects of sea level rise and coastal flooding on the structure so they can use this information in project planning and adaptation. Visit the SLIP tool website (floridadep-slip.org) for more information.

Deliverables: The Grantee will provide the following:

- **1.1:** Published SLIP Study Report and the confirmation email stating the report was published on the Department’s website for no less than thirty (30) days before construction commences. **This is a no cost deliverable.**

Task 2: Construction

Description: The Grantee will construct the NW 7th Street Stormwater Improvements Project in accordance with the construction contract documents. Project costs associated with the Construction task include work approved through construction bids and/or construction-phase engineering and monitoring services contracts. Eligible activities may include mobilization, demobilization, construction observation or inspection services, physical and environmental surveys, and mitigation projects. Construction shall be conducted in accordance with all local, state, and federal permits. Project Management activities may include field engineering services, site meetings with construction contractor(s) and design professionals, and overall project coordination and supervision.

Deliverables: The Grantee will provide the following:

- **2.1:** List of permit type, number, and issuing entity for all local, state, and federal permits required for the Project. This should include any permits listed in the original project application;

DEP Agreement No.: 25SRP11

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- **2.2:** A copy of the final design and record (as-built) drawings;
- **2.3:** A Certificate of Completion signed by a Florida-registered Professional Engineer or authorized individual in responsible charge of project;
- **2.4:** Coordinate final site visit with Department and submit the Closeout Site Visit Form received from assigned Field Agent; and
- **2.5:** Project administration and management report(s) signed by a Florida-registered Professional Engineer or authorized individual in responsible charge of project. The report(s) must cover the performance period of the task and can be submitted no more frequently than quarterly during the performance period of the task. The report(s) must include:
 - A summary of project and site inspection(s);
 - Meeting minutes to all attended meetings; and
 - Field notes.

PERFORMANCE MEASURES: The Grantee will submit all deliverables for each task to ResilientFloridaGrants@FloridaDEP.gov on or before the Task Due Date listed in the Project Timeline. The Department's Grant Manager will review the deliverable(s) to verify that they meet the specifications in the Grant Work Plan and the task description, to include any work being performed by any subcontractor(s), and will provide written acceptance or non-acceptance of the deliverable(s) to the Grantee within thirty (30) calendar days. Deliverables that the Department determines are not acceptable must be corrected and resubmitted within thirty (30) calendar days prior to the Agreement's Date of Expiration, and in coordination with the Department's Grant Manager. Tasks may include multiple deliverables to be completed. The Department will accept partial and full deliverables. Incomplete deliverables will not be accepted. A "partial deliverable" is defined as a deliverable consisting of one (1) or more (but not all) subcomponents listed in the deliverable list for a single task, where such subcomponent(s) are delivered to the Department at one hundred percent (100%) completion. A "full deliverable" is defined as a deliverable comprising all subcomponents listed in the deliverable list for a single task, all delivered to the Department at one hundred percent (100%) completion. An "incomplete deliverable" is defined as a deliverable for which one hundred percent (100%) completion has not been achieved for any of the subcomponents listed in the deliverable list for a single task. A task is considered one hundred percent (100%) complete upon the Department's receipt and approval of all deliverable(s) listed within the task and the Department's approval provided by the Deliverable Acceptance Letter. All deliverables must be received by the Task Due Date and accepted by the Department on or before the Agreement's Date of Expiration, or the Consequences for Non-Performance set forth herein shall apply.

CONSEQUENCES FOR NON-PERFORMANCE: For each task deliverable not received and accepted by the Department at one hundred percent (100%) completion on or before the Agreement's Date of Expiration, the Department will reduce the relevant Task Funding Amount(s) paid to Grantee in proportion to the percentage of the deliverable(s) not fully completed. For each task deliverable not received by the Department by the specified Task Due Date listed in the Agreement's most recent Project Timeline, the Department will reduce the relevant Task Funding Amount(s) by 5% per calendar day, which will be imposed until the Department has received the task deliverable. The Consequence for Non-Performance will be applied to and included in the relevant task deliverable's payment request.

PAYMENT REQUEST SCHEDULE: Following the Grantee's full or partial completion of a task's deliverable(s) and acceptance by the Department's Grant Manager, the Grantee may submit a payment request for cost reimbursement using the Exhibit C, Payment Request Summary Form. All payment requests must be accompanied by the Deliverable Acceptance Letter; the Exhibit A, Progress Report Form, detailing all progress made in the invoice period; and supporting fiscal documentation including match, if applicable. Interim payments will not be accepted. Payment requests will not be accepted until all required Exhibit A, Progress Report Forms, have been submitted to the Department's Grant Manager for all reporting

periods dating back to the Agreement Begin Date. Upon the Department’s receipt of the aforementioned documents and supporting fiscal documentation, the Department’s Grant Manager will have ten (10) working days to review and approve or deny the payment request.

PROJECT TIMELINE AND BUDGET DETAIL: The tasks must be completed by, and all deliverables received by, the corresponding task due date listed in the table below. Cost-reimbursable grant funding must not exceed the budget amounts indicated below. Requests for any change(s) must be submitted prior to the current task due date listed in the Project Timeline. Requests are to be sent via email to the Department’s Grant Manager, with the details of the request and the reason for the request made clear.

Task No.	Task Title	Budget Category	DEP Amount	Match Amount	Total Amount	Task Start Date	Task Due Date
1	Sea Level Impact Projection (SLIP) Study	No-Cost Deliverable	\$0	\$0	\$0	7/1/2024	Before Commencing Construction
2	Construction	Contractual Services	\$751,500	\$751,500	\$1,503,000	7/1/2024	3/31/2027
Total:			\$751,500	\$751,500	\$1,503,000		

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Public Records Requirements**

Attachment 4

1. Public Records.

- a. If the Agreement exceeds \$35,000.00, and if Grantee is acting on behalf of Department in its performance of services under the Agreement, Grantee must allow public access to all documents, papers, letters, or other material, regardless of the physical form, characteristics, or means of transmission, made or received by Grantee in conjunction with the Agreement (Public Records), unless the Public Records are exempt from section 24(a) of Article I of the Florida Constitution and section 119.07(1), F.S.
- b. The Department may unilaterally terminate the Agreement if Grantee refuses to allow public access to Public Records as required by law.

2. Additional Public Records Duties of Section 119.0701, F.S., If Applicable.

For the purposes of this paragraph, the term “contract” means the “Agreement.” If Grantee is a “contractor” as defined in section 119.0701(1)(a), F.S., the following provisions apply and the contractor shall:

- a. Keep and maintain Public Records required by Department to perform the service.
- b. Upon request, provide Department with a copy of requested Public Records or allow the Public Records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, F.S., or as otherwise provided by law.
- c. A contractor who fails to provide the Public Records to Department within a reasonable time may be subject to penalties under section 119.10, F.S.
- d. Ensure that Public Records that are exempt or confidential and exempt from Public Records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the Public Records to Department.
- e. Upon completion of the contract, transfer, at no cost, to Department all Public Records in possession of the contractor or keep and maintain Public Records required by Department to perform the service. If the contractor transfers all Public Records to Department upon completion of the contract, the contractor shall destroy any duplicate Public Records that are exempt or confidential and exempt from Public Records disclosure requirements. If the contractor keeps and maintains Public Records upon completion of the contract, the contractor shall meet all applicable requirements for retaining Public Records. All Public Records stored electronically must be provided to Department, upon request from Department’s custodian of Public Records, in a format specified by Department as compatible with the information technology systems of Department. These formatting requirements are satisfied by using the data formats as authorized in the contract or Microsoft Word, Outlook, Adobe, or Excel, and any software formats the contractor is authorized to access.

f. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, F.S., TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE CONTRACT, CONTACT THE DEPARTMENT’S CUSTODIAN OF PUBLIC RECORDS AT:

Telephone: (850) 245-2118
Email: public.services@floridadep.gov
Mailing Address: Department of Environmental Protection
ATTN: Office of Ombudsman and Public Services
Public Records Request
3900 Commonwealth Boulevard, MS 49
Tallahassee, Florida 32399

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Special Audit Requirements
(State and Federal Financial Assistance)**

Attachment 5

The administration of resources awarded by the Department of Environmental Protection (*which may be referred to as the "Department", "DEP", "FDEP" or "Grantor", or other name in the agreement*) to the recipient (*which may be referred to as the "Recipient", "Grantee" or other name in the agreement*) may be subject to audits and/or monitoring by the Department of Environmental Protection, as described in this attachment.

MONITORING

In addition to reviews of audits conducted in accordance with 2 CFR Part 200, Subpart F-Audit Requirements, and Section 215.97, F.S., as revised (see "AUDITS" below), monitoring procedures may include, but not be limited to, on-site visits by DEP Department staff, limited scope audits as defined by 2 CFR 200.425, or other procedures. By entering into this Agreement, the recipient agrees to comply and cooperate with any monitoring procedures/processes deemed appropriate by the Department of Environmental Protection. In the event the Department of Environmental Protection determines that a limited scope audit of the recipient is appropriate, the recipient agrees to comply with any additional instructions provided by the Department to the recipient regarding such audit. The recipient further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Chief Financial Officer (CFO) or Auditor General.

AUDITS

PART I: FEDERALLY FUNDED

This part is applicable if the recipient is a State or local government or a non-profit organization as defined in 2 CFR §200.330

1. A recipient that expends \$1,000,000 or more in Federal awards in its fiscal year, must have a single or program-specific audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F. EXHIBIT 1 to this Attachment indicates Federal funds awarded through the Department of Environmental Protection by this Agreement. In determining the federal awards expended in its fiscal year, the recipient shall consider all sources of federal awards, including federal resources received from the Department of Environmental Protection. The determination of amounts of federal awards expended should be in accordance with the guidelines established in 2 CFR 200.502-503. An audit of the recipient conducted by the Auditor General in accordance with the provisions of 2 CFR Part 200.514 will meet the requirements of this part.
2. For the audit requirements addressed in Part I, paragraph 1, the recipient shall fulfill the requirements relative to auditee responsibilities as provided in 2 CFR 200.508-512.
3. A recipient that expends less than \$1,000,000 in federal awards in its fiscal year is not required to have an audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F-Audit Requirements. If the recipient expends less than \$1,000,000 in federal awards in its fiscal year and elects to have an audit conducted in accordance with the provisions of 2 CFR 200, Subpart F-Audit Requirements, the cost of the audit must be paid from non-federal resources (i.e., the cost of such an audit must be paid from recipient resources obtained from other federal entities).
4. The recipient may access information regarding the Catalog of Federal Domestic Assistance (CFDA) via the internet at <https://sam.gov/content/assistance-listings>.

Attachment 5

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PART II: STATE FUNDED

This part is applicable if the recipient is a nonstate entity as defined by Section 215.97(2), Florida Statutes.

1. In the event that the recipient expends a total amount of state financial assistance equal to or in excess of \$750,000 in any fiscal year of such recipient (for fiscal years ending June 30, 2017, and thereafter), the recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, F.S.; Rule Chapter 69I-5, F.A.C., State Financial Assistance; and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General. EXHIBIT 1 to this form lists the state financial assistance awarded through the Department of Environmental Protection by this agreement. In determining the state financial assistance expended in its fiscal year, the recipient shall consider all sources of state financial assistance, including state financial assistance received from the Department of Environmental Protection, other state agencies, and other nonstate entities. State financial assistance does not include federal direct or pass-through awards and resources received by a nonstate entity for Federal program matching requirements.
2. In connection with the audit requirements addressed in Part II, paragraph 1; the recipient shall ensure that the audit complies with the requirements of Section 215.97(8), Florida Statutes. This includes submission of a financial reporting package as defined by Section 215.97(2), Florida Statutes, and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General.
3. If the recipient expends less than \$750,000 in state financial assistance in its fiscal year (for fiscal year ending June 30, 2017, and thereafter), an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, is not required. In the event that the recipient expends less than \$750,000 in state financial assistance in its fiscal year, and elects to have an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, the cost of the audit must be paid from the non-state entity's resources (i.e., the cost of such an audit must be paid from the recipient's resources obtained from other than State entities).
4. For information regarding the Florida Catalog of State Financial Assistance (CSFA), a recipient should access the Florida Single Audit Act website located at <https://apps.fldfs.com/fsaa> for assistance. In addition to the above websites, the following websites may be accessed for information: Legislature's Website at <http://www.leg.state.fl.us/Welcome/index.cfm>, State of Florida's website at <http://www.myflorida.com/>, Department of Financial Services' Website at <http://www.fldfs.com/> and the Auditor General's Website at <http://www.myflorida.com/audgen/>.

PART III: OTHER AUDIT REQUIREMENTS

(NOTE: This part would be used to specify any additional audit requirements imposed by the State awarding entity that are solely a matter of that State awarding entity's policy (i.e., the audit is not required by Federal or State laws and is not in conflict with other Federal or State audit requirements). Pursuant to Section 215.97(8), Florida Statutes, State agencies may conduct or arrange for audits of State financial assistance that are in addition to audits conducted in accordance with Section 215.97, Florida Statutes. In such an event, the State awarding agency must arrange for funding the full cost of such additional audits.)

PART IV: REPORT SUBMISSION

1. Copies of reporting packages for audits conducted in accordance with 2 CFR Part 200, Subpart F-Audit Requirements, and required by PART I of this form shall be submitted, when required by 2 CFR 200.512, by or on behalf of the recipient directly to the Federal Audit Clearinghouse (FAC) as provided in 2 CFR 200.36 and 200.512
 - A. The Federal Audit Clearinghouse designated in 2 CFR §200.501(a) (the number of copies required by 2 CFR §200.501(a) should be submitted to the Federal Audit Clearinghouse), at the following address:

By Mail:

Federal Audit Clearinghouse
Bureau of the Census
1201 East 10th Street
Jeffersonville, IN 47132

Submissions of the Single Audit reporting package for fiscal periods ending on or after January 1, 2008, must be submitted using the Federal Clearinghouse's Internet Data Entry System which can be found at <http://harvester.census.gov/facweb/>

2. Copies of financial reporting packages required by PART II of this Attachment shall be submitted by or on behalf of the recipient directly to each of the following:

A. The Department of Environmental Protection at one of the following addresses:

By Mail:

Audit Director

Florida Department of Environmental Protection
Office of Inspector General, MS 40
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Electronically:

FDEPSingleAudit@dep.state.fl.us

B. The Auditor General's Office at the following address:

Auditor General
Local Government Audits/342
Claude Pepper Building, Room 401
111 West Madison Street
Tallahassee, Florida 32399-1450

The Auditor General's website (<http://flauditor.gov/>) provides instructions for filing an electronic copy of a financial reporting package.

3. Copies of reports or management letters required by PART III of this Attachment shall be submitted by or on behalf of the recipient directly to the Department of Environmental Protection at one of the following addresses:

By Mail:

Audit Director

Florida Department of Environmental Protection
Office of Inspector General, MS 40
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Electronically:

FDEPSingleAudit@dep.state.fl.us

4. Any reports, management letters, or other information required to be submitted to the Department of Environmental Protection pursuant to this Agreement shall be submitted timely in accordance with 2 CFR 200.512, section 215.97, F.S., and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, as applicable.

Attachment 5

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5. Recipients, when submitting financial reporting packages to the Department of Environmental Protection for audits done in accordance with 2 CFR 200, Subpart F-Audit Requirements, or Chapters 10.550 (local governmental entities) and 10.650 (non and for-profit organizations), Rules of the Auditor General, should indicate the date and the reporting package was delivered to the recipient correspondence accompanying the reporting package.

PART V: RECORD RETENTION

The recipient shall retain sufficient records demonstrating its compliance with the terms of the award and this Agreement for a period of **five (5)** years from the date the audit report is issued, and shall allow the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General access to such records upon request. The recipient shall ensure that audit working papers are made available to the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General upon request for a period of **three (3)** years from the date the audit report is issued, unless extended in writing by the Department of Environmental Protection.

EXHIBIT – 1

FUNDS AWARDED TO THE RECIPIENT PURSUANT TO THIS AGREEMENT CONSIST OF THE FOLLOWING:

Note: If the resources awarded to the recipient represent more than one federal program, provide the same information shown below for each federal program and show total federal resources awarded

Federal Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following:					
Federal Program A	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
				\$	
Federal Program B	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
				\$	

Note: Of the resources awarded to the recipient represent more than one federal program, list applicable compliance requirements for each federal program in the same manner as shown below:

Federal Program A	First Compliance requirement: i.e.: (what services of purposes resources must be used for)	
	Second Compliance requirement: i.e.: (eligibility requirement for recipients of the resources)	
	Etc.	
	Etc.	
Federal Program B	First Compliance requirement: i.e.: (what services of purposes resources must be used for)	
	Second Compliance requirement: i.e.: (eligibility requirement for recipients of the resources)	
	Etc.	
	Etc.	

Note: If the resources awarded to the recipient for matching represent more than one federal program, provide the same information shown below for each federal program and show total state resources awarded for matching.

State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Matching Resources for Federal Programs:					
Federal Program A	Federal Agency	CFDA	CFDA Title	Funding Amount	State Appropriation Category
Federal Program B	Federal Agency	CFDA	CFDA Title	Funding Amount	State Appropriation Category

Note: If the resources awarded to the recipient represent more than one state project, provide the same information shown below for each state project and show total state financial assistance awarded that is subject to section 215.97, F.S.

State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Resources Subject to Section 215.97, F.S.:						
State Program A	State Awarding Agency	State Fiscal Year ¹	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category
Original Award	Florida Department of Environmental Protection	24.25	37.098	Resilient Florida Programs	\$751,500.00	140065
State Program B	State Awarding Agency	State Fiscal Year ²	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category
Total Award					\$751,500.00	

Note: List applicable compliance requirement in the same manner as illustrated above for federal resources. For matching resources provided by the Department for DEP for federal programs, the requirements might be similar to the requirements for the applicable federal programs. Also, to the extent that different requirements pertain to different amount for the non-federal resources, there may be more than one grouping (i.e. 1, 2, 3, etc.) listed under this category.

For each program identified above, the recipient shall comply with the program requirements described in the Catalog of Federal Domestic Assistance (CFDA) [<https://sam.gov/content/assistance-listings>] and/or the Florida Catalog of State Financial Assistance (CSFA) [<https://apps.fldfs.com/fsaa/searchCatalog.aspx>], and State Projects Compliance Supplement (Part Four: State Projects Compliance Supplement [https://apps.fldfs.com/fsaa/state_project_compliance.aspx]). The

¹ Subject to change by Change Order.

² Subject to change by Change Order.

services/purposes for which the funds are to be used are included in the Agreement's Grant Work Plan. Any match required by the Recipient is clearly indicated in the Agreement.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
PROGRAM-SPECIFIC REQUIREMENTS
RESILIENT FLORIDA PROGRAM**

ATTACHMENT 6

General

1. Deliverable and Payment Request Submissions. All grant deliverables and payment requests (Exhibit C) must be submitted to ResilientFloridaGrants@FloridaDEP.gov.
2. Contractual Services. For all grant agreements that include Contractual Services as an expenditure category, the Grantee must submit Exhibit H, Contractual Services Certification, and all required supporting documentation for all contractors conducting work under the grant agreement, prior to submitting a payment request for contractual services.
3. Grantee Match Form. If the grant agreement includes match requirements in Attachment 2, the Grantee must submit the Grantee Match Form upon execution of the grant agreement and at any time there are changes to the match funding amount and/or funding source throughout the grant agreement period.
4. Project Photos. The Grantee must submit Exhibit G, Photo Release Form, with the first submission of deliverables and reports (Exhibit A and F) that include photos.
5. DEP Logo and Funding Source Disclaimer. The final Vulnerability Assessment Report, Adaptation Plan report or document, and any permanent signage created for an implementation project included on the Statewide Flooding and Sea Level Rise Resilience Plan must include the Department's logo (which can be found on the Department's website at: <https://floridadep.gov> or by contacting the Grant Manager for a copy) as well as the following language:

“This work was funded in part through a grant agreement from the Florida Department of Environmental Protection’s Office of Resilience and Coastal Protection Resilient Florida Program. The views, statements, findings, conclusions, and recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of the State of Florida or any of its subagencies.”
6. Final Project Report. The Grantee must submit Exhibit F, Final Project Report Form, prior to requesting final payment. The Final Project Report may be submitted in lieu of the final Exhibit A, Progress Report Form, only in instances where the next quarterly progress report falls after the Agreement’s Date of Expiration. For grants funded with American Rescue Plan Act (ARPA) Funds that are not completed by the Agreement’s Date of Expiration, Exhibit F must also be submitted to ResilientFloridaGrants@FloridaDEP.gov upon completion of the project, which may be after the Agreement’s Date of Expiration.
7. Copyright, Patent and Trademark. The Department reserves a royalty-free, nonexclusive, and irrevocable license to reproduce, publish or otherwise use, and to authorize others to use, for state government purposes:
 - a. The copyright in any work developed under this Agreement; and
 - b. Any rights or copyright to which the Grantee or subcontractor purchases ownership with grant support.
8. Geographic Information System (GIS) files and associated metadata. All GIS files and associated metadata must adhere to the Resilient Florida Program’s GIS Data Standards (found on the Resilient Florida Program website: <https://floridadep.gov/rcp/resilient-florida-program/documents/resilient-florida-program-gis-data-standards>), and raw data sources shall be defined within the associated metadata.

9. Program Deliverable Acceptance and Disclaimer. The Department's acceptance of any specific project's task deliverables required by that project's Resilient Florida Program grant agreement, does not guarantee the Department's acceptance of the same or similar task deliverables, as required by a different Resilient Florida Program grant agreement, notwithstanding the Grantee(s) and/or project(s) at issue being the same or similar. The Department will review and accept all deliverables individually, pursuant to the terms and conditions of each grant agreement for which they are submitted, including Attachment 3, Grant Work Plan. The Department's acceptance of a specific deliverable does not constitute the Department's confirmation that the conclusions or statements made within said deliverable are truthful or accurate, including, but not limited to, claims of scientific validity and the certification of engineering practices. If a dispute arises between the Department and Grantee regarding the veracity of a specific deliverable's content, the Department may request that the Grantee provide additional documentation (e.g., a certification statement signed and sealed by a licensed Professional Engineer), verifying that the conclusions or statements at issue are true and correct to the best of the Grantee's knowledge, prior to the Department's acceptance of said deliverable.
10. Sunshine Law Compliance. As per Paragraph 23 to Attachment 1, Standard Terms and Conditions, the Grantee is solely responsible for ensuring that its actions (and those of its agents) under the Agreement are made in compliance with Section 286.011, Florida Statutes—Florida's Government in the Sunshine Law—where applicable.

Implementation Grants

11. Sea Level Impact Projection Study Requirement. If a state-funded construction project is located within an area where a Sea Level Impact Protection (SLIP) study is required pursuant to Section 380.0937, Florida Statutes, the Grantee is responsible for conducting such a SLIP study and submitting the resulting report to the Department. The SLIP study report must be received by the Department, approved by the Department, and published on the Department's website for at least thirty (30) days before construction can commence. Upon submission to the Department, SLIP study reports must meet all relevant statutory requirements, as well as the standards and criteria indicated in Chapter 62S-7, Florida Administrative Code.
12. Permits. The Grantee acknowledges that receipt of this grant does not imply nor guarantee that a federal, state, or local permit will be issued for a particular activity. The Grantee agrees to ensure that all necessary permits are obtained prior to implementation of any grant-funded activity that may fall under applicable federal, state, or local laws. Further, the Grantee shall abide by all terms and conditions of each applicable permit for any grant-funded activity. Upon request, the Grantee must provide a copy of all required, acquired, and approved permits for the project.
13. Grant funds may not be used to support ongoing efforts to comply with certain legal requirements or actions that were unanticipated, non-existent, or unknown to the Department at the time of this Agreement's execution, including regulatory and permit compliance requirements, non-compliance and citation fees, fees resulting from unanticipated permit conditions, settlement agreements, and compliance with formal or informal enforcement actions to resolve violations of applicable rules and statutes (including consent orders, Closed Without Official Enforcement agreements, and similar enforcement actions). Grant funds may be utilized to support ongoing efforts to comply with permit-required conditions, as approved by the Resilient Florida Program (e.g., pre-, during-, and post-construction monitoring and mitigation efforts).

Grants Funded with American Rescue Plan Act (ARPA) Funds

14. Match Expenditure Monitoring. For any match-funded deliverable(s) identified in Attachment 3, Grant Work Plan, not accepted by the Department by the Date of Expiration listed in Section 3 to the Standard Grant Agreement (as modified by any properly executed amendment(s), as applicable), the Grantee must submit Exhibit M, Match Expenditure Monitoring Form, to the Department prior to ARPA-funded grant closeout to identify all remaining deliverable(s) which are to be completed solely using Grantee match funding. Failure

to submit Exhibit M and all remaining Project deliverables to the Department, as well as meet the Match Requirements identified in Section 7 to Attachment 2, may hinder the Grantee's chances of receiving future grant awards from the Resilient Florida Program.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
RESILIENT FLORIDA GRANT PROGRAM
EXHIBIT A
PROGRESS REPORT FORM**

The current **Exhibit A, Progress Report Form** for the Resilient Florida Program grant agreements can be found on the Department's website at the link below. Each progress report must be submitted on the current form. The Department will notify grantees of any substantial changes to Exhibit A that occur during the grant agreement period.

<https://floridadep.gov/Resilient-Florida-Program/Grants>

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
RESILIENT FLORIDA GRANT PROGRAM
EXHIBIT C
PAYMENT REQUEST SUMMARY FORM**

The current **Exhibit C, Payment Request Summary Form** for the Resilient Florida Program grant agreements can be found on the Department's website at the link below. Each payment request must be submitted on the current form. The Department will notify grantees of any substantial changes to Exhibit C that occur during the grant agreement period.

<https://floridadep.gov/Resilient-Florida-Program/Grants>

EXHIBIT F

DEP AGREEMENT NO. 25SRP11

MIAMI-DADE COUNTY NW 7TH STREET STORMWATER IMPROVEMENTS

MIAMI-DADE COUNTY

Final Project Report



Insert Month & Year

This report is funded in part through a grant agreement from the Florida Department of Environmental Protection. The views, statements, findings, conclusions, and recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of the State of Florida or any of its subagencies.

Part I. Executive Summary

Part II. Methodology

Part III. Outcome

Include the following: 1) evaluation of project's ability to meet goals and expected performance measures and provide explanation for why goals were not met, if applicable; 2) identify successful outcomes, areas for improvement, and quantifiable metrics (including the assigned metric in Exhibit A, if applicable) as a result of the project; and 3) final project photos, if an implementation construction project.

Part IV. Further Recommendations

Instructions for completing Exhibit F Final Project Report Form:

DEP AGREEMENT NO.: This is the number on your grant agreement.

GRANTEE NAME: Enter the name of the grantee's agency.

PROJECT TITLE: Enter the title shown on the first page of the grant agreement.

MONTH & YEAR: Enter month and year of publication

The final Project Report must contain the following sections: Executive Summary, Methodology, Outcome, and Further Recommendations. The Final Project Report must comply with the publication requirements in the grant agreement. Please limit the final project report to no more than five (5) pages. One electronic copy shall be submitted to the Department's Grant Manager for approval. Final payment will be held until receipt and approval of the Final Project Report.

Questions regarding completion of the Final Project Report should be directed to the Department's Grant Manager, identified in paragraph 18 of this agreement.



Florida Department of Environmental Protection

EXHIBIT G

**PHOTOGRAPHER RELEASE FORM
FOR PHOTOGRAPHS, VIDEOS, AUDIO RECORDINGS AND ARTWORKS**

DEP AGREEMENT NO: 25SRP11

RELEASE FORM FOR PHOTOGRAPHS, VIDEOS, AUDIO RECORDINGS AND ARTWORKS

Owner/Submitter's Name: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone Number: () _____ **Email:** _____

License and Indemnification

I certify that I am the owner of the photograph(s), video(s), audio recording(s) and/or artwork(s) being submitted and am eighteen (18) years of age or older.

I hereby grant to the Florida Department of Environmental Protection the royalty-free and non-exclusive right to distribute, publish and use the photograph(s), video(s), audio recording(s) and art work(s) submitted herewith (the "Work") to promote the Florida Department of Environmental Protection. Uses may include, but are not limited to:

1. Promotion of FDEP (including, but limited to publications, websites, social media venues, advertisements, etc.); and
2. Distribution to the media; and
3. Use in commercial products.

The Florida Department of Environmental Protection reserves the right to use/not use any Work as deemed appropriate by the Florida Department of Environmental Protection. No Work will be returned once submitted.

I hereby acknowledge that the Florida Department of Environmental Protection shall bear no responsibility whatsoever for protecting the Work against third-party infringement of my copyright interest or other intellectual property rights or other rights I may hold in such Work, and in no way shall be responsible for any losses I may suffer as a result of any such infringement; and I hereby represent and warrant that the Work does not infringe the rights of any other individual or entity.

I hereby unconditionally release, hold harmless and indemnify the Florida Department of Environmental Protection, its employees, volunteers, and representatives of and from all claims, liabilities and losses arising out of or in connection with the Florida Department of Environmental Protection's use of the Work. This release and indemnification shall be binding upon me, and my heirs, executors, administrators and assigns.

I have read and understand the terms of this release.

Owner signature: _____ **Date:** _____

Photo/video/audio/artwork/recording file name(s): _____

Location of photo/video/audio recording/artwork: _____

Name of person accepting Work submission _____

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
RESILIENT FLORIDA GRANT PROGRAM
CONTRACTUAL SERVICES CERTIFICATION**

Exhibit H

Required for all grant agreements that include Contractual Services as an expenditure category.

DEP Agreement Number: 25SRP11

Project Title: Miami-Dade County NW 7th Street Stormwater Improvements

Grantee: Miami-Dade County

Subcontractor: _____

Note: Submit separate Exhibit H Certification for each additional subcontractor.

Prior to making a request for payment of contractual services, the Grantee must provide the following to the Department Grant Manager then responsible for the Grantee's Resilient Florida Grant Program grant agreement:

1. Documentation of the Grantee's procurement process, as consistent with Attachment 1, Paragraph 9(c) and Attachment 2, Paragraph 11;
2. A list of all subcontractor quote and/or bid amounts (as applicable), including the company name and address for each subcontractor;
3. An explanation of how and why the Grantee made their determination(s) for the subcontractor(s) selected to perform certain task(s) under the Grantee's relevant grant agreement;
4. A copy of the Grantee's executed subcontract agreement, as required by Attachment 2, Paragraph 11; and
5. This Exhibit H, signed and dated by the Grantee's own (non-Departmental) grant manager.

By signing below, I certify that, on behalf of the Grantee, I have provided all the information required by items 1. through 4. of this exhibit, as stated above, to the Department Grant Manager currently responsible for the Grantee's Resilient Florida Grant Program grant agreement. I also certify that the procurement process the Grantee utilized follows all of said Grantee's non-Departmental policies and procedures for subcontractors.

Grantee's Grant Manager Signature

Print Name

Date

**COMMON CARRIER OR CONTRACTED CARRIER ATTESTATION
FORM
(PUR 1808)**

Exhibit J

This form must be completed by a Common Carrier or contracted carrier and submitted to the Governmental Entity with which a Contract being is executed, amended, or renewed. Capitalized terms used herein have the definitions ascribed in section 908.111, F.S.

_____ is not willfully providing and will not willfully provide any service during the Contract term in furtherance of transporting a person into this state knowing that the person is an Unauthorized Alien, except to facilitate the detention, removal, or departure of the person from this state or the United States.

Under penalties of perjury, I declare that I have read the foregoing statement and that the facts stated in it are true.

Printed Name:

Title:

Signature:

Date:

APPENDIX "D" TO SPECIAL PROVISIONS
STANDARD TERMS AND CONDITIONS
GRANT AGREEMENT
NUMBER L0077

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Standard Grant Agreement**

This Agreement is entered into between the Parties named below, pursuant to section 215.971, Florida Statutes:

1. Project Title (Project): Agreement Number:

Miami-Dade County Midway Pump Station Improvement Project NW 7 St/SR826 L0077

2. Parties (Department)
**State of Florida Department of Environmental Protection,
 3900 Commonwealth Boulevard
 Tallahassee, Florida 32399-3000**

Grantee Name: **Miami-Dade County** Entity Type: **Local Government**

Grantee Address: **701 NW 1 Court, Miami, FL 33136** FEID: **59-6000573**

(Grantee)

3. Agreement Begin Date: Date of Expiration:
July 1, 2024 **June 30, 2028**

4. Project Number: Project Location(s):
(If different from Agreement Number) **Lat/Long: (25.77689, -80.32156)**

Project Description: The Grantee will construct roadway stormwater infrastructure improvements along NW 79th Avenue, including replacing the current catch basins, installing approximately 2000 linear feet of pipes, and constructing exfiltration trenches.

5. Total Amount of Funding:	Funding Source?	Award #s or Line-Item Appropriations:	Amount per Source(s):
\$ 1,052,000.00	<input checked="" type="checkbox"/> State <input type="checkbox"/> Federal	LP, GAA LI 1732A, FY 24-25, GR	\$ 1,052,000.00
	<input type="checkbox"/> State <input type="checkbox"/> Federal		\$
	<input type="checkbox"/> State <input type="checkbox"/> Federal		\$
	<input type="checkbox"/> Grantee Match		\$
Total Amount of Funding + Grantee Match, if any:			\$ 1,052,000.00

6. Department's Grant Manager Name: Franchesca Linares <div style="text-align: right; font-size: small;">or successor</div> Address: Florida Dept. of Environmental Protection 3900 Commonwealth Blvd., MS 3570 Tallahassee, FL 32399-3000 Phone: 850-245-2951 Email: franchesca.linares@FloridaDEP.gov	Grantee's Grant Manager Name: Marina Blanco-Pape <div style="text-align: right; font-size: small;">or successor</div> Address: 701 NW 1 Court Miami, FL 33136 Phone: (305)372-6529 Email: marina.blanco-pape@miamidade.gov
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7. The Parties agree to comply with the terms and conditions of the following attachments and exhibits which are hereby incorporated by reference:

<input checked="" type="checkbox"/> Attachment 1: Standard Terms and Conditions Applicable to All Grants Agreements
<input checked="" type="checkbox"/> Attachment 2: Special Terms and Conditions
<input checked="" type="checkbox"/> Attachment 3: Grant Work Plan
<input checked="" type="checkbox"/> Attachment 4: Public Records Requirements
<input checked="" type="checkbox"/> Attachment 5: Special Audit Requirements
<input type="checkbox"/> Attachment 6: Program-Specific Requirements
<input type="checkbox"/> Attachment 7: Grant Award Terms (Federal) *Copy available at https://facts.fdfs.com , in accordance with section 215.985, F.S.
<input type="checkbox"/> Attachment 8: Federal Regulations and Terms (Federal)
<input type="checkbox"/> Additional Attachments (if necessary):
<input checked="" type="checkbox"/> Exhibit A: Progress Report Form
<input type="checkbox"/> Exhibit B: Property Reporting Form
<input checked="" type="checkbox"/> Exhibit C: Payment Request Summary Form
<input type="checkbox"/> Exhibit D: Quality Assurance Requirements
<input type="checkbox"/> Exhibit E: Advance Payment Terms and Interest Earned Memo
<input type="checkbox"/> Exhibit F: Common Carrier or Contracted Carrier Attestation Form PUR1808 (State)

<input type="checkbox"/> Exhibit H: Non-Profit Organization Compensation Form (State)	
<input type="checkbox"/> Exhibit I: Forced Labor Attestation Form	
<input type="checkbox"/> Additional Exhibits (if necessary):	
8. The following information applies to Federal Grants only and is identified in accordance with 2 CFR 200.331 (a) (1):	
Federal Award Identification Number(s) (FAIN):	
Unique Entity Identifier (UEI):	
Federal Award Date to Department:	
Federal Award Project Description:	
Total Federal Funds Obligated by this Agreement:	
Federal Awarding Agency:	
Award R&D?	<input type="checkbox"/> Yes <input type="checkbox"/> N/A

IN WITNESS WHEREOF, this Agreement shall be effective on the date indicated by the Agreement Begin Date unless another date is specified in the grant documents.

Miami-Dade County **GRANTEE**

Grantee Name _____

By *Roy Coley* 8/15/2025

(Authorized Signature) Date Signed

Roy Coley, Chief Utilities and Regulatory Services Officer, Miami-Dade County

Print Name and Title of Person Signing _____

State of Florida Department of Environmental Protection **DEPARTMENT**

By _____ Date Signed

Secretary or Designee

Angela Knecht, Director, Division of Water Restoration Assistance

Print Name and Title of Person Signing _____

Additional signatures attached on separate page.

DWRA Additional Signatures

Franchesca Linares, DEP Grant Manager

Amanda Peck, DEP QC Reviewer

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STANDARD TERMS AND CONDITIONS
APPLICABLE TO GRANT AGREEMENTS

ATTACHMENT 1

1. Entire Agreement.

This Grant Agreement, including any Attachments and Exhibits referred to herein and/or attached hereto (Agreement), constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior agreements, whether written or oral, with respect to such subject matter. Any terms and conditions included on Grantee's forms or invoices shall be null and void.

2. Grant Administration.

- a. Order of Precedence. If there are conflicting provisions among the documents that make up the Agreement, the order of precedence for interpretation of the Agreement is as follows:
- i. Standard Grant Agreement
 - ii. Attachments other than Attachment 1, in numerical order as designated in the Standard Grant Agreement
 - iii. Attachment 1, Standard Terms and Conditions
 - iv. The Exhibits in the order designated in the Standard Grant Agreement
- b. All approvals, written or verbal, and other written communication among the parties, including all notices, shall be obtained by or sent to the parties' Grant Managers. All written communication shall be by electronic mail, U.S. Mail, a courier delivery service, or delivered in person. Notices shall be considered delivered when reflected by an electronic mail read receipt, a courier service delivery receipt, other mail service delivery receipt, or when receipt is acknowledged by recipient. If the notice is delivered in multiple ways, the notice will be considered delivered at the earliest delivery time.
- c. If a different Grant Manager is designated by either party after execution of this Agreement, notice of the name and contact information of the new Grant Manager will be submitted in writing to the other party and maintained in the respective parties' records. A change of Grant Manager does not require a formal amendment or change order to the Agreement.
- d. This Agreement may be amended, through a formal amendment or a change order, only by a written agreement between both parties. A formal amendment to this Agreement is required for changes which cause any of the following:
- (1) an increase or decrease in the Agreement funding amount;
 - (2) a change in Grantee's match requirements;
 - (3) a change in the expiration date of the Agreement; and/or
 - (4) changes to the cumulative amount of funding transfers between approved budget categories, as defined in Attachment 3, Grant Work Plan, that exceeds or is expected to exceed twenty percent (20%) of the total budget as last approved by Department.
- A change order to this Agreement may be used when:
- (1) task timelines within the current authorized Agreement period change;
 - (2) the cumulative transfer of funds between approved budget categories, as defined in Attachment 3, Grant Work Plan, are less than twenty percent (20%) of the total budget as last approved by Department;
 - (3) changing the current funding source as stated in the Standard Grant Agreement; and/or
 - (4) fund transfers between budget categories for the purposes of meeting match requirements.
- This Agreement may be amended to provide for additional services if additional funding is made available by the Legislature.
- e. All days in this Agreement are calendar days unless otherwise specified.

3. Agreement Duration.

The term of the Agreement shall begin and end on the dates indicated in the Standard Grant Agreement, unless extended or terminated earlier in accordance with the applicable terms and conditions. The Grantee shall be eligible for reimbursement for work performed on or after the date of execution through the expiration date of this Agreement, unless otherwise specified in Attachment 2, Special Terms and Conditions. However, work performed prior to the execution of this Agreement may be reimbursable or used for match purposes if permitted by the Special Terms and Conditions.

4. Deliverables.

The Grantee agrees to render the services or other units of deliverables as set forth in Attachment 3, Grant Work Plan. The services or other units of deliverables shall be delivered in accordance with the schedule and at the pricing outlined in the Grant Work Plan. Deliverables may be comprised of activities that must be completed prior to Department making payment on that deliverable. The Grantee agrees to perform in accordance with the terms and conditions set forth in this Agreement and all attachments and exhibits incorporated by the Standard Grant Agreement.

5. Performance Measures.

The Grantee warrants that: (1) the services will be performed by qualified personnel; (2) the services will be of the kind and quality described in the Grant Work Plan; (3) the services will be performed in a professional and workmanlike manner in accordance with industry standards and practices; (4) the services shall not and do not knowingly infringe upon the intellectual property rights, or any other proprietary rights, of any third party; and (5) its employees, subcontractors, and/or subgrantees shall comply with any security and safety requirements and processes, if provided by Department, for work done at the Project Location(s). The Department reserves the right to investigate or inspect at any time to determine whether the services or qualifications offered by Grantee meet the Agreement requirements. Notwithstanding any provisions herein to the contrary, written acceptance of a particular deliverable does not foreclose Department's remedies in the event deficiencies in the deliverable cannot be readily measured at the time of delivery.

6. Acceptance of Deliverables.

- a. Acceptance Process. All deliverables must be received and accepted in writing by Department's Grant Manager before payment. The Grantee shall work diligently to correct all deficiencies in the deliverable that remain outstanding, within a reasonable time at Grantee's expense. If Department's Grant Manager does not accept the deliverables within 30 days of receipt, they will be deemed rejected.
- b. Rejection of Deliverables. The Department reserves the right to reject deliverables, as outlined in the Grant Work Plan, as incomplete, inadequate, or unacceptable due, in whole or in part, to Grantee's lack of satisfactory performance under the terms of this Agreement. The Grantee's efforts to correct the rejected deliverables will be at Grantee's sole expense. Failure to fulfill the applicable technical requirements or complete all tasks or activities in accordance with the Grant Work Plan will result in rejection of the deliverable and the associated invoice. Payment for the rejected deliverable will not be issued unless the rejected deliverable is made acceptable to Department in accordance with the Agreement requirements. The Department, at its option, may allow additional time within which Grantee may remedy the objections noted by Department. The Grantee's failure to make adequate or acceptable deliverables after a reasonable opportunity to do so shall constitute an event of default.

7. Financial Consequences for Nonperformance.

- a. Withholding Payment. In addition to the specific consequences explained in the Grant Work Plan and/or Special Terms and Conditions, the State of Florida (State) reserves the right to withhold payment when the Grantee has failed to perform/comply with provisions of this Agreement. None of the financial consequences for nonperformance in this Agreement as more fully described in the Grant Work Plan shall be considered penalties.
- b. Invoice reduction
If Grantee does not meet a deadline for any deliverable, the Department will reduce the invoice by 1% for each day the deadline is missed, unless an extension is approved in writing by the Department.
- c. Corrective Action Plan. If Grantee fails to correct all the deficiencies in a rejected deliverable within the specified timeframe, Department may, in its sole discretion, request that a proposed Corrective Action Plan (CAP) be submitted by Grantee to Department. The Department requests that Grantee specify the outstanding deficiencies in the CAP. All CAPs must be able to be implemented and performed in no more than sixty (60) calendar days.
 - i. The Grantee shall submit a CAP within ten (10) days of the date of the written request from Department. The CAP shall be sent to the Department's Grant Manager for review and approval. Within ten (10) days of receipt of a CAP, Department shall notify Grantee in writing whether the CAP proposed has been accepted. If the CAP is not accepted, Grantee shall have ten (10) days from receipt of Department letter rejecting the proposal to submit a revised proposed CAP. Failure to obtain Department approval of a CAP as specified above may result in Department's termination of this Agreement for cause as authorized in this Agreement.
 - ii. Upon Department's notice of acceptance of a proposed CAP, Grantee shall have ten (10) days to commence implementation of the accepted plan. Acceptance of the proposed CAP by Department

does not relieve Grantee of any of its obligations under the Agreement. In the event the CAP fails to correct or eliminate performance deficiencies by Grantee, Department shall retain the right to require additional or further remedial steps, or to terminate this Agreement for failure to perform. No actions approved by Department or steps taken by Grantee shall preclude Department from subsequently asserting any deficiencies in performance. The Grantee shall continue to implement the CAP until all deficiencies are corrected. Reports on the progress of the CAP will be made to Department as requested by Department's Grant Manager.

- iii. Failure to respond to a Department request for a CAP or failure to correct a deficiency in the performance of the Agreement as specified by Department may result in termination of the Agreement.

8. Payment.

- a. Payment Process. Subject to the terms and conditions established by the Agreement, the pricing per deliverable established by the Grant Work Plan, and the billing procedures established by Department, Department agrees to pay Grantee for services rendered in accordance with section 215.422, Florida Statutes (F.S.).
- b. Taxes. The Department is exempted from payment of State sales, use taxes and Federal excise taxes. The Grantee, however, shall not be exempted from paying any taxes that it is subject to, including State sales and use taxes, or for payment by Grantee to suppliers for taxes on materials used to fulfill its contractual obligations with Department. The Grantee shall not use Department's exemption number in securing such materials. The Grantee shall be responsible and liable for the payment of all its FICA/Social Security and other taxes resulting from this Agreement.
- c. Maximum Amount of Agreement. The maximum amount of compensation under this Agreement, without an amendment, is described in the Standard Grant Agreement. Any additional funds necessary for the completion of this Project are the responsibility of Grantee.
- d. Reimbursement for Costs. The Grantee shall be paid on a cost reimbursement basis for all eligible Project costs upon the completion, submittal, and approval of each deliverable identified in the Grant Work Plan. Reimbursement shall be requested on Exhibit C, Payment Request Summary Form. To be eligible for reimbursement, costs must be in compliance with laws, rules, and regulations applicable to expenditures of State funds, including, but not limited to, the Reference Guide for State Expenditures, which can be accessed at the following web address: <https://www.myfloridacfo.com/docs-sf/accounting-and-auditing-libraries/state-agencies/reference-guide-for-state-expenditures.pdf>.
- e. Rural Communities and Rural Areas of Opportunity. If Grantee is a county or municipality that qualifies as a "rural community" or "rural area of opportunity" (RAO) as defined in subsection 288.0656(2), F.S., such Grantee may request from the Department that all invoice payments under this Agreement be directed to the relevant county or municipality or to the RAO itself. The Department will agree to Grantee's request if:
 - i. Grantee demonstrates that it is a county or municipality that qualifies as a "rural community" or "rural area of opportunity" under subsection 288.0656(2), F.S.;
 - ii. Grantee demonstrates current financial hardship using one (1) or more of the "economic distress" factors defined in subsection 288.0656(2)(c), F.S.;
 - iii. Grantee's performance has been verified by the Department, which has determined that Grantee is eligible for invoice payments and that Grantee's performance has been completed in accordance with this Agreement's terms and conditions; and
 - iv. Applicable federal and state law(s), rule(s) and regulation(s) allow for such payments.This subsection may not be construed to alter or limit any other applicable provisions of federal or state law, rule, or regulation. A current list of Florida's designated RAOs can be accessed at the following web address: <https://floridajobs.org/community-planning-and-development/rural-community-programs/rural-areas-of-opportunity>.
- f. Invoice Detail. All charges for services rendered or for reimbursement of expenses authorized by Department pursuant to the Grant Work Plan shall be submitted to Department in sufficient detail for a proper pre-audit and post-audit to be performed. The Grantee shall only invoice Department for deliverables that are completed in accordance with the Grant Work Plan.
- g. State Funds Documentation. Pursuant to section 216.1366, F.S., if Contractor meets the definition of a non-profit organization under section 215.97(2)(m), F.S., Contractor must provide the Department with documentation that indicates the amount of state funds:
 - i. Allocated to be used during the full term of the contract or agreement for remuneration to any member of the board of directors or an officer of Contractor.

- ii. Allocated under each payment by the public agency to be used for remuneration of any member of the board of directors or an officer of the Contractor.

The documentation must indicate the amounts and recipients of the remuneration. Such information must be posted on the State's contract tracking system and maintained pursuant to section 215.985, F.S., and must be posted on the Contractor's website, if Contractor maintains a website.

- h. Interim Payments. Interim payments may be made by Department, at its discretion, if the completion of deliverables to date have first been accepted in writing by Department's Grant Manager.
- i. Final Payment Request. A final payment request should be submitted to Department no later than sixty (60) days following the expiration date of the Agreement to ensure the availability of funds for payment. However, all work performed pursuant to the Grant Work Plan must be performed on or before the expiration date of the Agreement.
- j. Annual Appropriation Contingency. The State's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. This Agreement is not a commitment of future appropriations. Authorization for continuation and completion of work and any associated payments may be rescinded, with proper notice, at the discretion of Department if the Legislature reduces or eliminates appropriations.
- k. Interest Rates. All interest rates charged under the Agreement shall be calculated on the prevailing rate used by the State Board of Administration. To obtain the applicable interest rate, please refer to: <https://www.myfloridacfo.com/division/aa/local-governments/judgement-interest-rates>.
- l. Refund of Payments to the Department. Any balance of unobligated funds that have been advanced or paid must be refunded to Department. Any funds paid in excess of the amount to which Grantee or subgrantee is entitled under the terms of the Agreement must be refunded to Department. If this Agreement is funded with federal funds and the Department is required to refund the federal government, the Grantee shall refund the Department its share of those funds.

9. Documentation Required for Cost Reimbursement Grant Agreements and Match.

If Cost Reimbursement or Match is authorized in Attachment 2, Special Terms and Conditions, the following conditions apply. Supporting documentation must be provided to substantiate cost reimbursement or match requirements for the following budget categories:

- a. Salary/Wages. Grantee shall list personnel involved, position classification, direct salary rates, and hours spent on the Project in accordance with Attachment 3, Grant Work Plan in their documentation for reimbursement or match requirements.
- b. Overhead/Indirect/General and Administrative Costs. If Grantee is being reimbursed for or claiming match for multipliers, all multipliers used (i.e., fringe benefits, overhead, indirect, and/or general and administrative rates) shall be supported by audit. If Department determines that multipliers charged by Grantee exceeded the rates supported by audit, Grantee shall be required to reimburse such funds to Department within thirty (30) days of written notification. Interest shall be charged on the excessive rate.
- c. Contractual Costs (Subcontractors). Match or reimbursement requests for payments to subcontractors must be substantiated by copies of invoices with backup documentation identical to that required from Grantee. Subcontracts which involve payments for direct salaries shall clearly identify the personnel involved, salary rate per hour, and hours spent on the Project. All eligible multipliers used (i.e., fringe benefits, overhead, indirect, and/or general and administrative rates) shall be supported by audit. If Department determines that multipliers charged by any subcontractor exceeded the rates supported by audit, Grantee shall be required to reimburse such funds to Department within thirty (30) days of written notification. Interest shall be charged on the excessive rate. Nonconsumable and/or nonexpendable personal property or equipment costing \$5,000 or more purchased for the Project under a subcontract is subject to the requirements set forth in chapters 273 and/or 274, F.S., and Chapter 69I-72, Florida Administrative Code (F.A.C.) and/or Chapter 69I-73, F.A.C., as applicable. For grants funded with federal funds, nonconsumable and/or nonexpendable personal property or equipment costing \$10,000 or more purchased for the Project under a subcontract is subject to the requirements set forth in 2 CFR 200. The Grantee shall be responsible for maintaining appropriate property records for any subcontracts that include the purchase of equipment as part of the delivery of services. The Grantee shall comply with this requirement and ensure its subcontracts issued under this Agreement, if any, impose this requirement, in writing, on its subcontractors.
 - i. For fixed-price (vendor) subcontracts, the following provisions shall apply: The Grantee may award, on a competitive basis, fixed-price subcontracts to consultants/contractors in performing the work described in Attachment 3, Grant Work Plan. Invoices submitted to Department for fixed-

price subcontracted activities shall be supported with a copy of the subcontractor's invoice and a copy of the tabulation form for the competitive procurement process (e.g., Invitation to Bid, Request for Proposals, or other similar competitive procurement document) resulting in the fixed-price subcontract. The Grantee may request approval from Department to award a fixed-price subcontract resulting from procurement methods other than those identified above. In this instance, Grantee shall request the advance written approval from Department's Grant Manager of the fixed price negotiated by Grantee. The letter of request shall be supported by a detailed budget and Scope of Services to be performed by the subcontractor. Upon receipt of Department Grant Manager's approval of the fixed-price amount, Grantee may proceed in finalizing the fixed-price subcontract.

- ii. If the procurement is subject to the Consultant's Competitive Negotiation Act under section 287.055, F.S. or the Brooks Act, Grantee must provide documentation clearly evidencing it has complied with the statutory or federal requirements.
- d. Travel. All requests for match or reimbursement of travel expenses shall be in accordance with section 112.061, F.S.
- e. Direct Purchase Equipment. For grants funded fully or in part with state funds, equipment is defined as capital outlay costing \$5,000 or more. For grants funded fully with federal funds, equipment is defined as capital outlay costing \$10,000 or more. Match or reimbursement for Grantee's direct purchase of equipment is subject to specific approval of Department, and does not include any equipment purchased under the delivery of services to be completed by a subcontractor. Include copies of invoices or receipts to document purchases, and a properly completed Exhibit B, Property Reporting Form.
- f. Rental/Lease of Equipment. Match or reimbursement requests for rental/lease of equipment must include copies of invoices or receipts to document charges.
- g. Miscellaneous/Other Expenses. If miscellaneous or other expenses, such as materials, supplies, non-excluded phone expenses, reproduction, or mailing, are reimbursable or available for match or reimbursement under the terms of this Agreement, the documentation supporting these expenses must be itemized and include copies of receipts or invoices. Additionally, independent of Grantee's contract obligations to its subcontractor, Department shall not reimburse any of the following types of charges: cell phone usage; attorney's fees or court costs; civil or administrative penalties; or handling fees, such as set percent overages associated with purchasing supplies or equipment.
- h. Land Acquisition. Reimbursement for the costs associated with acquiring interest and/or rights to real property (including access rights through ingress/egress easements, leases, license agreements, or other site access agreements; and/or obtaining record title ownership of real property through purchase) must be supported by the following, as applicable: Copies of Property Appraisals, Environmental Site Assessments, Surveys and Legal Descriptions, Boundary Maps, Acreage Certification, Title Search Reports, Title Insurance, Closing Statements/Documents, Deeds, Leases, Easements, License Agreements, or other legal instrument documenting acquired property interest and/or rights. If land acquisition costs are used to meet match requirements, Grantee agrees that those funds shall not be used as match for any other Agreement supported by State or Federal funds.

10. Status Reports.

The Grantee shall submit status reports quarterly, unless otherwise specified in the Attachments, on Exhibit A, Progress Report Form, to Department's Grant Manager describing the work performed during the reporting period, problems encountered, problem resolutions, scheduled updates, and proposed work for the next reporting period. Quarterly status reports are due no later than twenty (20) days following the completion of the quarterly reporting period. For the purposes of this reporting requirement, the quarterly reporting periods end on March 31, June 30, September 30 and December 31. The Department will review the required reports submitted by Grantee within thirty (30) days.

11. Retainage.

The following provisions apply if Department withholds retainage under this Agreement:

- a. The Department reserves the right to establish the amount and application of retainage on the work performed under this Agreement up to the maximum percentage described in Attachment 2, Special Terms and Conditions. Retainage may be withheld from each payment to Grantee pending satisfactory completion of work and approval of all deliverables.
- b. If Grantee fails to perform the requested work or fails to perform the work in a satisfactory manner, Grantee shall forfeit its right to payment of the retainage associated with the work. Failure to perform includes, but is not limited to, failure to submit the required deliverables or failure to provide adequate documentation that the work was actually performed. The Department shall provide written notification to Grantee of the failure to perform

that shall result in retainage forfeiture. If the Grantee does not correct the failure to perform within the timeframe stated in Department's notice, the retainage will be forfeited to Department.

- c. No retainage shall be released or paid for incomplete work while this Agreement is suspended.
- d. Except as otherwise provided above, Grantee shall be paid the retainage associated with the work, provided Grantee has completed the work and submits an invoice for retainage held in accordance with the invoicing procedures under this Agreement.

12. Insurance.

- a. Insurance Requirements for Sub-Grantees and/or Subcontractors. The Grantee shall require its sub-grantees and/or subcontractors, if any, to maintain insurance coverage of such types and with such terms and limits as described in this Agreement. The Grantee shall require all its sub-grantees and/or subcontractors, if any, to make compliance with the insurance requirements of this Agreement a condition of all contracts that are related to this Agreement. Sub-grantees and/or subcontractors must provide proof of insurance upon request.
- b. Deductibles. The Department shall be exempt from, and in no way liable for, any sums of money representing a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Grantee providing such insurance.
- c. Proof of Insurance. Upon execution of this Agreement, Grantee shall provide Department documentation demonstrating the existence and amount for each type of applicable insurance coverage *prior to* performance of any work under this Agreement. Upon receipt of written request from Department, Grantee shall furnish Department with proof of applicable insurance coverage by standard form certificates of insurance, a self-insured authorization, or other certification of self-insurance.
- d. Duty to Maintain Coverage. In the event that any applicable coverage is cancelled by the insurer for any reason, or if Grantee cannot get adequate coverage, Grantee shall immediately notify Department of such cancellation and shall obtain adequate replacement coverage conforming to the requirements herein and provide proof of such replacement coverage within ten (10) days after the cancellation of coverage.
- e. Insurance Trust. If the Grantee's insurance is provided through an insurance trust, the Grantee shall instead add the Department of Environmental Protection, its employees, and officers as an additional covered party everywhere the Agreement requires them to be added as an additional insured.

13. Termination.

- a. Termination for Convenience. When it is in the State's best interest, Department may, at its sole discretion, terminate the Agreement in whole or in part by giving 30 days' written notice to Grantee. The Department shall notify Grantee of the termination for convenience with instructions as to the effective date of termination or the specific stage of work at which the Agreement is to be terminated. The Grantee must submit all invoices for work to be paid under this Agreement within thirty (30) days of the effective date of termination. The Department shall not pay any invoices received after thirty (30) days of the effective date of termination.
- b. Termination for Cause. The Department may terminate this Agreement if any of the events of default described in the Events of Default provisions below occur or in the event that Grantee fails to fulfill any of its other obligations under this Agreement. If, after termination, it is determined that Grantee was not in default, or that the default was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of Department. The rights and remedies of Department in this clause are in addition to any other rights and remedies provided by law or under this Agreement.
- c. Grantee Obligations upon Notice of Termination. After receipt of a notice of termination or partial termination unless as otherwise directed by Department, Grantee shall not furnish any service or deliverable on the date, and to the extent specified, in the notice. However, Grantee shall continue work on any portion of the Agreement not terminated. If the Agreement is terminated before performance is completed, Grantee shall be paid only for that work satisfactorily performed for which costs can be substantiated. The Grantee shall not be entitled to recover any cancellation charges or lost profits.
- d. Continuation of Prepaid Services. If Department has paid for any services prior to the expiration, cancellation, or termination of the Agreement, Grantee shall continue to provide Department with those services for which it has already been paid or, at Department's discretion, Grantee shall provide a refund for services that have been paid for but not rendered.
- e. Transition of Services Upon Termination, Expiration, or Cancellation of the Agreement. If services provided under the Agreement are being transitioned to another provider(s), Grantee shall assist in the smooth transition of Agreement services to the subsequent provider(s). This requirement is at a minimum an affirmative obligation to cooperate with the new provider(s), however additional requirements may be outlined in the Grant

Work Plan. The Grantee shall not perform any services after Agreement expiration or termination, except as necessary to complete the transition or continued portion of the Agreement, if any.

14. Notice of Default.

If Grantee defaults in the performance of any covenant or obligation contained in the Agreement, including, any of the events of default, Department shall provide notice to Grantee and an opportunity to cure that is reasonable under the circumstances. This notice shall state the nature of the failure to perform and provide a time certain for correcting the failure. The notice will also provide that, should the Grantee fail to perform within the time provided, Grantee will be found in default, and Department may terminate the Agreement effective as of the date of receipt of the default notice.

15. Events of Default.

Provided such failure is not the fault of Department or outside the reasonable control of Grantee, the following non-exclusive list of events, acts, or omissions, shall constitute events of default:

- a. The commitment of any material breach of this Agreement by Grantee, including failure to timely deliver a material deliverable, failure to perform the minimal level of services required for a deliverable, discontinuance of the performance of the work, failure to resume work that has been discontinued within a reasonable time after notice to do so, or abandonment of the Agreement;
- b. The commitment of any material misrepresentation or omission in any materials, or discovery by the Department of such, made by the Grantee in this Agreement or in its application for funding;
- c. Failure to submit any of the reports required by this Agreement or having submitted any report with incorrect, incomplete, or insufficient information;
- d. Failure to honor any term of the Agreement;
- e. Failure to abide by any statutory, regulatory, or licensing requirement, including an entry of an order revoking the certificate of authority granted to the Grantee by a state or other licensing authority;
- f. Failure to pay any and all entities, individuals, and furnishing labor or materials, or failure to make payment to any other entities as required by this Agreement;
- g. Employment of an unauthorized alien in the performance of the work, in violation of Section 274 (A) of the Immigration and Nationality Act;
- h. Failure to maintain the insurance required by this Agreement;
- i. One or more of the following circumstances, uncorrected for more than thirty (30) days unless, within the specified 30-day period, Grantee (including its receiver or trustee in bankruptcy) provides to Department adequate assurances, reasonably acceptable to Department, of its continuing ability and willingness to fulfill its obligations under the Agreement:
 - i. Entry of an order for relief under Title 11 of the United States Code;
 - ii. The making by Grantee of a general assignment for the benefit of creditors;
 - iii. The appointment of a general receiver or trustee in bankruptcy of Grantee's business or property; and/or
 - iv. An action by Grantee under any state insolvency or similar law for the purpose of its bankruptcy, reorganization, or liquidation.

16. Suspension of Work.

The Department may, in its sole discretion, suspend any or all activities under the Agreement, at any time, when it is in the best interest of the State to do so. The Department shall provide Grantee written notice outlining the particulars of suspension. Examples of reasons for suspension include, but are not limited to, budgetary constraints, declaration of emergency, or other such circumstances. After receiving a suspension notice, Grantee shall comply with the notice. Within 90 days, or any longer period agreed to by the parties, Department shall either: (1) issue a notice authorizing resumption of work, at which time activity shall resume; or (2) terminate the Agreement. If the Agreement is terminated after 30 days of suspension, the notice of suspension shall be deemed to satisfy the thirty (30) days' notice required for a notice of termination for convenience. Suspension of work shall not entitle Grantee to any additional compensation.

17. Force Majeure.

The Grantee shall not be responsible for delay resulting from its failure to perform if neither the fault nor the negligence of Grantee or its employees or agents contributed to the delay and the delay is due directly to acts of God, wars, acts of public enemies, strikes, fires, floods, or other similar cause wholly beyond Grantee's control, or for any of the foregoing that affect subcontractors or suppliers if no alternate source of supply is available to Grantee. In case of any delay Grantee believes is excusable, Grantee shall notify Department in writing of the delay or potential delay and describe the cause of the delay either (1) within ten days after the cause that creates or will create the delay first

arose, if Grantee could reasonably foresee that a delay could occur as a result; or (2) if delay is not reasonably foreseeable, within five days after the date Grantee first had reason to believe that a delay could result. **THE FOREGOING SHALL CONSTITUTE THE GRANTEE'S SOLE REMEDY OR EXCUSE WITH RESPECT TO DELAY.** Providing notice in strict accordance with this paragraph is a condition precedent to such remedy. No claim for damages, other than for an extension of time, shall be asserted against Department. The Grantee shall not be entitled to an increase in the Agreement price or payment of any kind from Department for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference, or hindrance from any cause whatsoever. If performance is suspended or delayed, in whole or in part, due to any of the causes described in this paragraph, after the causes have ceased to exist Grantee shall perform at no increased cost, unless Department determines, in its sole discretion, that the delay will significantly impair the value of the Agreement to Department, in which case Department may: (1) accept allocated performance or deliveries from Grantee, provided that Grantee grants preferential treatment to Department with respect to products subjected to allocation; (2) contract with other sources (without recourse to and by Grantee for the related costs and expenses) to replace all or part of the products or services that are the subject of the delay, which purchases may be deducted from the Agreement quantity; or (3) terminate Agreement in whole or in part.

18. Indemnification.

- a. The Grantee shall be fully liable for the actions of its agents, employees, partners, or subcontractors and shall fully indemnify, defend, and hold harmless Department and its officers, agents, and employees, from suits, actions, damages, and costs of every name and description arising from or relating to:
 - i. personal injury and damage to real or personal tangible property alleged to be caused in whole or in part by Grantee, its agents, employees, partners, or subcontractors; provided, however, that Grantee shall not indemnify for that portion of any loss or damages proximately caused by the negligent act or omission of Department;
 - ii. the Grantee's breach of this Agreement or the negligent acts or omissions of Grantee.
- b. The Grantee's obligations under the preceding paragraph with respect to any legal action are contingent upon Department giving Grantee: (1) written notice of any action or threatened action; (2) the opportunity to take over and settle or defend any such action at Grantee's sole expense; and (3) assistance in defending the action at Grantee's sole expense. The Grantee shall not be liable for any cost, expense, or compromise incurred or made by Department in any legal action without Grantee's prior written consent, which shall not be unreasonably withheld.
- c. Notwithstanding sections a. and b. above, the following is the sole indemnification provision that applies to Grantees that are governmental entities: Each party hereto agrees that it shall be solely responsible for the negligent or wrongful acts of its employees and agents. However, nothing contained herein shall constitute a waiver by either party of its sovereign immunity or the provisions of section 768.28, F.S. Further, nothing herein shall be construed as consent by a state agency or subdivision of the State to be sued by third parties in any matter arising out of any contract or this Agreement.
- d. No provision in this Agreement shall require Department to hold harmless or indemnify Grantee, insure or assume liability for Grantee's negligence, waive Department's sovereign immunity under the laws of Florida, or otherwise impose liability on Department for which it would not otherwise be responsible. Any provision, implication or suggestion to the contrary is null and void.

19. Limitation of Liability.

The Department's liability for any claim arising from this Agreement is limited to compensatory damages in an amount no greater than the sum of the unpaid balance of compensation due for goods or services rendered pursuant to and in compliance with the terms of the Agreement. Such liability is further limited to a cap of \$100,000.

20. Remedies.

Nothing in this Agreement shall be construed to make Grantee liable for force majeure events. Nothing in this Agreement, including financial consequences for nonperformance, shall limit Department's right to pursue its remedies for other types of damages under the Agreement, at law or in equity. The Department may, in addition to other remedies available to it, at law or in equity and upon notice to Grantee, retain such monies from amounts due Grantee as may be necessary to satisfy any claim for damages, penalties, costs and the like asserted by or against it.

21. Waiver.

The delay or failure by Department to exercise or enforce any of its rights under this Agreement shall not constitute or be deemed a waiver of Department's right thereafter to enforce those rights, nor shall any single or partial exercise of any such right preclude any other or further exercise thereof or the exercise of any other right.

22. Statutory Notices Relating to Unauthorized Employment and Subcontracts.

- a. The Department shall consider the employment by any Grantee of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If Grantee/subcontractor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of this Agreement. The Grantee shall be responsible for including this provision in all subcontracts with private organizations issued as a result of this Agreement.
- b. Pursuant to sections 287.133, 287.134, and 287.137 F.S., the following restrictions apply to persons placed on the convicted vendor list, discriminatory vendor list, or the antitrust violator vendor list:
 - i. Public Entity Crime. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a Grantee, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in section 287.017, F.S., for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.
 - ii. Discriminatory Vendors. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.
 - iii. Antitrust Violator Vendors. A person or an affiliate who has been placed on the antitrust violator vendor list following a conviction or being held civilly liable for an antitrust violation may not submit a bid, proposal, or reply on any contract to provide any good or services to a public entity; may not submit a bid, proposal, or reply on any contract with a public entity for the construction or repair of a public building or public work; may not submit a bid, proposal, or reply on leases of real property to a public entity; may not be awarded or perform work as a Grantee, supplier, subcontractor, or consultant under a contract with a public entity; and may not transact new business with a public entity.
 - iv. Notification. The Grantee shall notify Department if it or any of its suppliers, subcontractors, or consultants have been placed on the convicted vendor list, the discriminatory vendor list, or antitrust violator vendor list during the life of the Agreement. The Florida Department of Management Services is responsible for maintaining the discriminatory vendor list and the antitrust violator vendor list and posts the list on its website. Questions regarding the discriminatory vendor list or antitrust violator vendor list may be directed to the Florida Department of Management Services, Office of Supplier Development, at (850) 487-0915.

23. Compliance with Federal, State and Local Laws.

- a. The Grantee and all its agents shall comply with all federal, state and local regulations, including, but not limited to, nondiscrimination, wages, social security, workers' compensation, licenses, and registration requirements. The Grantee shall include this provision in all subcontracts issued as a result of this Agreement.
- b. No person, on the grounds of race, creed, color, religion, national origin, age, gender, or disability, shall be excluded from participation in; be denied the proceeds or benefits of; or be otherwise subjected to discrimination in performance of this Agreement.
- c. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.
- d. Any dispute concerning performance of the Agreement shall be processed as described herein. Jurisdiction for any damages arising under the terms of the Agreement will be in the courts of the State, and venue will be in the Second Judicial Circuit, in and for Leon County. Except as otherwise provided by law, the parties agree to be responsible for their own attorney fees incurred in connection with disputes arising under the terms of this Agreement.

24. Build America, Buy America Act (BABA) - Infrastructure Projects with Federal Funding.

This provision does not apply to Agreements that are wholly funded by Coronavirus State and Local Fiscal Recovery Funds under the American Rescue Plan Act. Also, this provision does not apply where

there is a valid waiver in place. However, the provision may apply to funds expended before the waiver or after expiration of the waiver.

If applicable, Recipients or Subrecipients of an award of Federal financial assistance from a program for infrastructure are required to comply with the Build America, Buy America Act (BABA), including the following provisions:

- a. All iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
- b. All manufactured products used in the project are produced in the United States--this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
- c. All construction materials are manufactured in the United States--this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

25. Investing in America

Grantees of an award for construction projects in whole or in part by the Bipartisan Infrastructure Law or the Inflation Reduction Act, including the following provision:

a. Signage Requirements

a. Investing in America Emblem: The recipient will ensure that a sign is placed at construction sites supported in whole or in part by this award displaying the official Investing in America emblem and must identify the project as a "project funded by President Biden's Bipartisan Infrastructure Law" or "project funded by President Biden's Inflation Reduction Act" as applicable. The sign must be placed at construction sites in an easily visible location that can be directly linked to the work taking place and must be maintained in good condition throughout the construction period.

The recipient will ensure compliance with the guidelines and design specifications provided by EPA for using the official Investing in America emblem available at:

<https://www.epa.gov/invest/investing-america-signage>.

b. Procuring Signs: Consistent with section 6002 of RCRA, 42 U.S.C. 6962, and 2 CFR 200.323, recipients are encouraged to use recycled or recovered materials when procuring signs. Signage costs are considered an allowable cost under this assistance agreement provided that the costs associated with signage are reasonable. Additionally, to increase public awareness of projects serving communities where English is not the predominant language, recipients are encouraged to translate the language on signs (excluding the official Investing in America emblem or EPA logo or seal) into the appropriate non-English language(s). The costs of such translation are allowable, provided the costs are reasonable.

26. Scrutinized Companies.

- a. Grantee certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, F.S., the Department may immediately terminate this Agreement at its sole option if the Grantee is found to have submitted a false certification; or if the Grantee is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
- b. If this Agreement is for more than one million dollars, the Grantee certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in section 287.135, F.S. Pursuant to section 287.135, F.S., the Department may immediately terminate this Agreement at its sole option if the Grantee is found to have submitted a false certification; or if the Grantee is placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized

Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

- c. As provided in subsection 287.135(8), F.S., if federal law ceases to authorize these contracting prohibitions, then they shall become inoperative.

27. Lobbying and Integrity.

The Grantee agrees that no funds received by it under this Agreement will be expended for the purpose of lobbying the Legislature or a State agency pursuant to section 216.347, F.S., except that pursuant to the requirements of section 287.058(6), F.S., during the term of any executed agreement between Grantee and the State, Grantee may lobby the executive or legislative branch concerning the scope of services, performance, term, or compensation regarding that agreement. The Grantee shall comply with sections 11.062 and 216.347, F.S.

28. Record Keeping.

The Grantee shall maintain books, records and documents directly pertinent to performance under this Agreement in accordance with United States generally accepted accounting principles (US GAAP) consistently applied. The Department, the State, or their authorized representatives shall have access to such records for audit purposes during the term of this Agreement and for five (5) years following the completion date or termination of the Agreement. In the event that any work is subcontracted, Grantee shall similarly require each subcontractor to maintain and allow access to such records for audit purposes. Upon request of Department's Inspector General, or other authorized State official, Grantee shall provide any type of information the Inspector General deems relevant to Grantee's integrity or responsibility. Such information may include, but shall not be limited to, Grantee's business or financial records, documents, or files of any type or form that refer to or relate to Agreement. The Grantee shall retain such records for the longer of: (1) three years after the expiration of the Agreement; or (2) the period required by the General Records Schedules maintained by the Florida Department of State (available at:

<http://dos.myflorida.com/library-archives/records-management/general-records-schedules/>).

29. Audits.

- a. Inspector General. The Grantee understands its duty, pursuant to section 20.055(5), F.S., to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing. The Grantee will comply with this duty and ensure that its sub-grantees and/or subcontractors issued under this Agreement, if any, impose this requirement, in writing, on its sub-grantees and/or subcontractors, respectively.
- b. Physical Access and Inspection. Department personnel shall be given access to and may observe and inspect work being performed under this Agreement, with reasonable notice and during normal business hours, including by any of the following methods:
 - i. Grantee shall provide access to any location or facility on which Grantee is performing work, or storing or staging equipment, materials or documents;
 - ii. Grantee shall permit inspection of any facility, equipment, practices, or operations required in performance of any work pursuant to this Agreement; and,
 - iii. Grantee shall allow and facilitate sampling and monitoring of any substances, soils, materials or parameters at any location reasonable or necessary to assure compliance with any work or legal requirements pursuant to this Agreement.
- c. Special Audit Requirements. The Grantee shall comply with the applicable provisions contained in Attachment 5, Special Audit Requirements. Each amendment that authorizes a funding increase or decrease shall include an updated copy of Exhibit 1, to Attachment 5. If Department fails to provide an updated copy of Exhibit 1 to include in each amendment that authorizes a funding increase or decrease, Grantee shall request one from the Department's Grants Manager. The Grantee shall consider the type of financial assistance (federal and/or state) identified in Attachment 5, Exhibit 1 and determine whether the terms of Federal and/or Florida Single Audit Act Requirements may further apply to lower tier transactions that may be a result of this Agreement. For federal financial assistance, Grantee shall utilize the guidance provided under 2 CFR §200.331 for determining whether the relationship represents that of a subrecipient or vendor. For State financial assistance, Grantee shall utilize the form entitled "Checklist for Nonstate Organizations Recipient/Subrecipient vs Vendor Determination" (form number DFS-A2-NS) that can be found under the "Links/Forms" section appearing at the following website: <https://apps.fdfs.com/fsaa>.
- d. Proof of Transactions. In addition to documentation provided to support cost reimbursement as described herein, Department may periodically request additional proof of a transaction to evaluate the appropriateness of costs to the Agreement pursuant to State guidelines (including cost allocation guidelines) and federal, if applicable. Allowable costs and uniform administrative requirements for federal programs can be found under 2 CFR 200. The Department may also request a cost allocation plan in support of its multipliers (overhead, indirect,

general administrative costs, and fringe benefits). The Grantee must provide the additional proof within thirty (30) days of such request.

- e. **No Commingling of Funds.** The accounting systems for all Grantees must ensure that these funds are not commingled with funds from other agencies. Funds from each agency must be accounted for separately. Grantees are prohibited from commingling funds on either a program-by-program or a project-by-project basis. Funds specifically budgeted and/or received for one project may not be used to support another project. Where a Grantee's, or subrecipient's, accounting system cannot comply with this requirement, Grantee, or subrecipient, shall establish a system to provide adequate fund accountability for each project it has been awarded.
- i. If Department finds that these funds have been commingled, Department shall have the right to demand a refund, either in whole or in part, of the funds provided to Grantee under this Agreement for non-compliance with the material terms of this Agreement. The Grantee, upon such written notification from Department shall refund, and shall forthwith pay to Department, the amount of money demanded by Department. Interest on any refund shall be calculated based on the prevailing rate used by the State Board of Administration. Interest shall be calculated from the date(s) the original payment(s) are received from Department by Grantee to the date repayment is made by Grantee to Department.
 - ii. In the event that the Grantee recovers costs, incurred under this Agreement and reimbursed by Department, from another source(s), Grantee shall reimburse Department for all recovered funds originally provided under this Agreement and interest shall be charged for those recovered costs as calculated on from the date(s) the payment(s) are recovered by Grantee to the date repayment is made to Department.
 - iii. Notwithstanding the requirements of this section, the above restrictions on commingling funds do not apply to agreements where payments are made purely on a cost reimbursement basis.

30. Conflict of Interest.

The Grantee covenants that it presently has no interest and shall not acquire any interest which would conflict in any manner or degree with the performance of services required.

31. Independent Contractor.

The Grantee is an independent contractor and is not an employee or agent of Department.

32. Subcontracting.

- a. Unless otherwise specified in the Special Terms and Conditions, all services contracted for are to be performed solely by Grantee.
- b. The Department may, for cause, require the replacement of any Grantee employee, subcontractor, or agent. For cause, includes, but is not limited to, technical or training qualifications, quality of work, change in security status, or non-compliance with an applicable Department policy or other requirement.
- c. The Department may, for cause, deny access to Department's secure information or any facility by any Grantee employee, subcontractor, or agent.
- d. The Department's actions under paragraphs b. or c. shall not relieve Grantee of its obligation to perform all work in compliance with the Agreement. The Grantee shall be responsible for the payment of all monies due under any subcontract. The Department shall not be liable to any subcontractor for any expenses or liabilities incurred under any subcontract and Grantee shall be solely liable to the subcontractor for all expenses and liabilities incurred under any subcontract.
- e. The Department will not deny Grantee's employees, subcontractors, or agents access to meetings within the Department's facilities, unless the basis of Department's denial is safety or security considerations.
- f. The Department supports diversity in its procurement program and requests that all subcontracting opportunities afforded by this Agreement embrace diversity enthusiastically. The award of subcontracts should reflect the full diversity of the citizens of the State. A list of minority-owned firms that could be offered subcontracting opportunities may be obtained by contacting the Office of Supplier Development at (850) 487-0915.
- g. The Grantee shall not be liable for any excess costs for a failure to perform, if the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is completely beyond the control of both Grantee and the subcontractor(s), and without the fault or negligence of either, unless the subcontracted products or services were obtainable from other sources in sufficient time for Grantee to meet the required delivery schedule.

33. Guarantee of Parent Company.

If Grantee is a subsidiary of another corporation or other business entity, Grantee asserts that its parent company will guarantee all of the obligations of Grantee for purposes of fulfilling the obligations of Agreement. In the event Grantee

is sold during the period the Agreement is in effect, Grantee agrees that it will be a requirement of sale that the new parent company guarantee all of the obligations of Grantee.

34. Survival.

The respective obligations of the parties, which by their nature would continue beyond the termination or expiration of this Agreement, including without limitation, the obligations regarding confidentiality, proprietary interests, and public records, shall survive termination, cancellation, or expiration of this Agreement.

35. Third Parties.

The Department shall not be deemed to assume any liability for the acts, failures to act or negligence of Grantee, its agents, servants, and employees, nor shall Grantee disclaim its own negligence to Department or any third party. This Agreement does not and is not intended to confer any rights or remedies upon any person other than the parties. If Department consents to a subcontract, Grantee will specifically disclose that this Agreement does not create any third-party rights. Further, no third parties shall rely upon any of the rights and obligations created under this Agreement.

36. Severability.

If a court of competent jurisdiction deems any term or condition herein void or unenforceable, the other provisions are severable to that void provision, and shall remain in full force and effect.

37. Grantee's Employees, Subcontractors and Agents.

All Grantee employees, subcontractors, or agents performing work under the Agreement shall be properly trained technicians who meet or exceed any specified training qualifications. Upon request, Grantee shall furnish a copy of technical certification or other proof of qualification. All employees, subcontractors, or agents performing work under Agreement must comply with all security and administrative requirements of Department and shall comply with all controlling laws and regulations relevant to the services they are providing under the Agreement.

38. Assignment.

The Grantee shall not sell, assign, or transfer any of its rights, duties, or obligations under the Agreement, or under any purchase order issued pursuant to the Agreement, without the prior written consent of Department. In the event of any assignment, Grantee remains secondarily liable for performance of the Agreement, unless Department expressly waives such secondary liability. The Department may assign the Agreement with prior written notice to Grantee of its intent to do so.

39. Compensation Report.

If this Agreement is a sole-source, public-private agreement or if the Grantee, through this agreement with the State, annually receive 50% or more of their budget from the State or from a combination of State and Federal funds, the Grantee shall provide an annual report, including the most recent IRS Form 990, detailing the total compensation for the entities' executive leadership teams. Total compensation shall include salary, bonuses, cashed-in leave, cash equivalents, severance pay, retirement benefits, deferred compensation, real-property gifts, and any other payout. The Grantee must also inform the Department of any changes in total executive compensation between the annual reports. All compensation reports must indicate what percent of compensation comes directly from the State or Federal allocations to the Grantee.

40. Disclosure of Gifts from Foreign Sources.

If the value of the grant under this Agreement is \$100,000 or more, Grantee shall disclose to Department any current or prior interest of, any contract with, or any grant or gift received from a foreign country of concern, as defined in section 286.101, F.S., if such interest, contract, or grant or gift has a value of \$50,000 or more and such interest existed at any time or such contract or grant or gift was received or in force at any time during the previous 5 years. Such disclosure shall include the name and mailing address of the disclosing entity, the amount of the contract or grant or gift or the value of the interest disclosed, the applicable foreign country of concern and, if applicable, the date of termination of the contract or interest, the date of receipt of the grant or gift, and the name of the agent or controlled entity that is the source or interest holder. If the disclosure requirement is applicable as described above, then within 1 year before applying for any grant, Grantee must also provide a copy of such disclosure to the Department of Financial Services.

41. Food Commodities.

To the extent authorized by federal law, the Department, its grantees, contractors and subcontractors shall give preference to food commodities grown or produced in this state when purchasing food commodities, including farm products as defined in section 823.14, F.S., of any class, variety, or use thereof in their natural state or as processed by a farm operation or processor for the purpose of marketing such product.

42. Anti-human Trafficking.

If the Grantee is a nongovernmental entity, the Grantee must provide the Department with an affidavit signed by an officer or a representative of the Grantee under penalty of perjury attesting that the Grantee does not use coercion for labor or services as defined in section 787.06, F.S.

43. Iron and Steel for Public Works Projects.

If this Agreement funds a "public works project" as defined in section 255.0993, F.S., or the purchase of materials to be used in a public works project, any iron or steel permanently incorporated in the Project must be "produced in the United States," as defined in section 255.0993, F.S. This requirement does not apply if the Department determines that any of the following circumstances apply to the Project:

- (1) iron or steel products produced in the United States are not produced in sufficient quantities, reasonably available, or of satisfactory quality;
- (2) the use of iron or steel products produced in the United States will increase the total cost of the project by more than twenty percent (20%); or
- (3) complying with this requirement is inconsistent with the public interest.

Further, this requirement does not prevent the Contractor's minimal use of foreign steel and iron materials if:

- (1) such materials are incidental or ancillary to the primary product and are not separately identified in the project specifications; and
- (2) the "cost" of such materials, as defined in section 255.0993, F.S., does not exceed one-tenth of one percent (1%) of the total Project Cost under this Agreement or \$2,500, whichever is greater.

Electrical components, equipment, systems, and appurtenances, including supports, covers, shielding, and other appurtenances related to an electrical system that are necessary for operation or concealment (excepting transmission and distribution poles) are not considered to be iron or steel products and are, therefore, exempt from the requirements of this paragraph.

This provision shall be applied in a manner consistent with and may not be construed to impair the state's obligations under any international agreement.

44. Complete and Accurate information.

Grantee represents and warrants that all statements and information provided to DEP are current, complete, and accurate. This includes all statements and information in this Grant, as well as its Attachments and Exhibits.

45. Execution in Counterparts and Authority to Sign.

This Agreement, any amendments, and/or change orders related to the Agreement, may be executed in counterparts, each of which shall be an original and all of which shall constitute the same instrument. In accordance with the Electronic Signature Act of 1996, electronic signatures, including facsimile transmissions, may be used and shall have the same force and effect as a written signature. Each person signing this Agreement warrants that he or she is duly authorized to do so and to bind the respective party to the Agreement.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Special Terms and Conditions
AGREEMENT NO. L0077

ATTACHMENT 2

These Special Terms and Conditions shall be read together with general terms outlined in the Standard Terms and Conditions, Attachment 1. Where in conflict, these more specific terms shall apply.

1. Scope of Work.

The Project funded under this Agreement is Miami-Dade County Midway Pump Station Improvement Project NW 7 St/SR826. The Project is defined in more detail in Attachment 3, Grant Work Plan.

2. Duration.

- a. Reimbursement Period. The reimbursement period for this Agreement is the same as the term of the Agreement.
- b. Extensions. There are extensions available for this Project.
- c. Service Periods. Additional service periods are not authorized under this Agreement.

3. Payment Provisions.

- a. Compensation. This is a cost reimbursement Agreement. The Grantee shall be compensated under this Agreement as described in Attachment 3.
- b. Invoicing. Invoicing will occur as indicated in Attachment 3.
- c. Advance Pay. Advance Pay is not authorized under this Agreement.

4. Cost Eligible for Reimbursement or Matching Requirements.

Reimbursement for costs or availability for costs to meet matching requirements shall be limited to the following budget categories, as defined in the Reference Guide for State Expenditures, as indicated:

<u>Reimbursement</u>	<u>Match</u>	<u>Category</u>
<input type="checkbox"/>	<input type="checkbox"/>	Salaries/Wages
		Overhead/Indirect/General and Administrative Costs:
<input type="checkbox"/>	<input type="checkbox"/>	a. Fringe Benefits, N/A.
<input type="checkbox"/>	<input type="checkbox"/>	b. Indirect Costs, N/A.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contractual (Subcontractors)
<input type="checkbox"/>	<input type="checkbox"/>	Travel, in accordance with Section 112, F.S.
<input type="checkbox"/>	<input type="checkbox"/>	Equipment
<input type="checkbox"/>	<input type="checkbox"/>	Rental/Lease of Equipment
<input type="checkbox"/>	<input type="checkbox"/>	Miscellaneous/Other Expenses
<input type="checkbox"/>	<input type="checkbox"/>	Land Acquisition

5. Equipment Purchase.

No Equipment purchases shall be funded under this Agreement.

6. Land Acquisition.

There will be no Land Acquisitions funded under this Agreement.

7. Match Requirements

There is no match required on the part of the Grantee under this Agreement.

8. Insurance Requirements

Required Coverage. At all times during the Agreement the Grantee, at its sole expense, shall maintain insurance coverage of such types and with such terms and limits described below. The limits of coverage under each policy

maintained by the Grantee shall not be interpreted as limiting the Grantee's liability and obligations under the Agreement. All insurance policies shall be through insurers licensed and authorized to issue policies in Florida, or alternatively, Grantee may provide coverage through a self-insurance program established and operating under the laws of Florida. Additional insurance requirements for this Agreement may be required elsewhere in this Agreement, however the minimum insurance requirements applicable to this Agreement are:

a. Commercial General Liability Insurance.

The Grantee shall provide adequate commercial general liability insurance coverage and hold such liability insurance at all times during the Agreement. The Department, its employees, and officers shall be named as an additional insured on any general liability policies. The minimum limits shall be \$250,000 for each occurrence and \$500,000 policy aggregate.

b. Commercial Automobile Insurance.

If the Grantee's duties include the use of a commercial vehicle, the Grantee shall maintain automobile liability, bodily injury, and property damage coverage. Insuring clauses for both bodily injury and property damage shall provide coverage on an occurrence basis. The Department, its employees, and officers shall be named as an additional insured on any automobile insurance policy. The minimum limits shall be as follows:

\$200,000/300,000	Automobile Liability for Company-Owned Vehicles, if applicable
\$200,000/300,000	Hired and Non-owned Automobile Liability Coverage

c. Workers' Compensation and Employer's Liability Coverage.

The Grantee shall provide workers' compensation, in accordance with Chapter 440, F.S. and employer liability coverage with minimum limits of \$100,000 per accident, \$100,000 per person, and \$500,000 policy aggregate. Such policies shall cover all employees engaged in any work under the Grant.

d. Other Insurance. None.

9. Quality Assurance Requirements.

There are no special Quality Assurance requirements under this Agreement.

10. Retainage.

Retainage is permitted under this Agreement. Retainage may be up to a maximum of 10 percent of the total amount of the Agreement.

11. Subcontracting.

The Grantee may subcontract work under this Agreement without the prior written consent of the Department's Grant Manager except for certain fixed-price subcontracts pursuant to this Agreement, which require prior approval. The Grantee shall submit a copy of the executed subcontract to the Department prior to submitting any invoices for subcontracted work. Regardless of any subcontract, the Grantee is ultimately responsible for all work to be performed under this Agreement.

12. State-owned Land.

The work will not be performed on State-owned land.

13. Office of Policy and Budget Reporting.

The Grantee will identify the expected return on investment for this project and provide this information to the Governor's Office of Policy and Budget (OPB) within three months of execution of this Agreement. For each full calendar quarter thereafter, the Grantee will provide quarterly update reports directly to OPB, no later than 20 days after the end of each quarter, documenting the positive return on investment to the state that results from the Grantee's project and its use of funds provided under this Agreement. Quarterly reports will continue until the Grantee is instructed by OPB that no further reports are needed, or until the end of this Agreement, whichever occurs first. All reports shall be submitted electronically to OPB at env.roi@laspbs.state.fl.us, and a copy shall also be submitted to the Department at legislativeaffairs@floridaDEP.gov.

14. Common Carrier.

- a. Applicable to contracts with a common carrier – firm/person/corporation that as a regular business transports people or commodities from place to place. If applicable, Contractor must also fill out and return PUR 1808 before contract execution. If Contractor is a common carrier pursuant to section

908.111(1)(a), Florida Statutes, the Department will terminate this contract immediately if Contractor is found to be in violation of the law or the attestation in PUR 1808.

- b. Applicable to solicitations for a common carrier – Before contract execution, the winning Contractor(s) must fill out and return PUR 1808, and attest that it is not willfully providing any service in furtherance of transporting a person into this state knowing that the person unlawfully present in the United States according to the terms of the federal Immigration and Nationality Act, 8 U.S.C. ss. 1101 et seq. The Department will terminate a contract immediately if Contractor is found to be in violation of the law or the attestation in PUR 1808.

15. Financial Assistance and Payment of Invoices to Rural Communities or Rural Areas of Opportunity

This agreement does not provide federal or state financial assistance to a county or municipality that is a rural community or rural area of opportunity as those terms are defined in s. 288.0656(2).

16. Additional Terms.

None.

Any terms added here must be approved by the Office of General Counsel.

ATTACHMENT 3 GRANT WORK PLAN

PROJECT TITLE: Miami-Dade County Midway Pump Station Improvement Project NW 7 St/SR826

PROJECT LOCATION: The Project will be located in Unincorporated Miami-Dade County (Grantee); Lat/Long (25.77689, -80.32156). See Figure 1 for a location map.

PROJECT BACKGROUND: Based on inspections of the existing stormwater infrastructure and validation of the need for improvements from the results of the latest update to the Miami-Dade County Stormwater Master Plan (SWMP) FY 2021, county staff evaluated the numerical modeling of the drainage system, which prioritized the need for hardening, upgrades, and other improvements.

The project goal is to improve stormwater management practices in the project area by implementing engineering strategies to reduce and provide treatment to stormwater, thus enhancing the Level of Service protection for water quantity and quality in the C-4 watershed basin in Miami-Dade County. This project intends to utilize the increased capacity of the existing pump station and allow for optimization of its operation.

The Midway pump station and infrastructure on NW 7 Street is being upgraded under DEP grant agreement 25SRP11, so improvements on NW 79 Avenue will benefit and utilize that upgrade.

PROJECT DESCRIPTION: The Grantee will construct roadway stormwater infrastructure improvements along NW 79 Avenue, which will be connected to the Midway Pump Station to mitigate repeated flooding in the area.

Improvements are expected to include replacing the current catch basins, installing approximately 2,000 linear feet of 36" diameter pipes to enhance storage and conveyance, and constructing exfiltration trenches for water treatment.

TASKS: All documentation should be submitted electronically unless otherwise indicated and should be submitted prior to the expiration of the grant agreement.

Task 1: Construction

Deliverables: The Grantee will construct drainage structures on NW 79th Avenue in accordance with the construction contract documents.

Documentation: The Grantee will submit: 1) a copy of the final design; 2) a signed summary of activities completed for the period of work covered in the payment request, using the format provided by the Department's Grant Manager. Upon request by the Department's Grant Manager, the Grantee will provide additional supporting documentation relating to this task.

Performance Standard: The Department's Grant Manager will review the documentation to verify that the deliverables have been completed as described above. Upon review and written acceptance by the Department's Grant Manager, the Grantee may proceed with payment request submittal.

Payment Request Schedule: The Grantee may submit a payment request for cost reimbursement no more frequently than monthly.

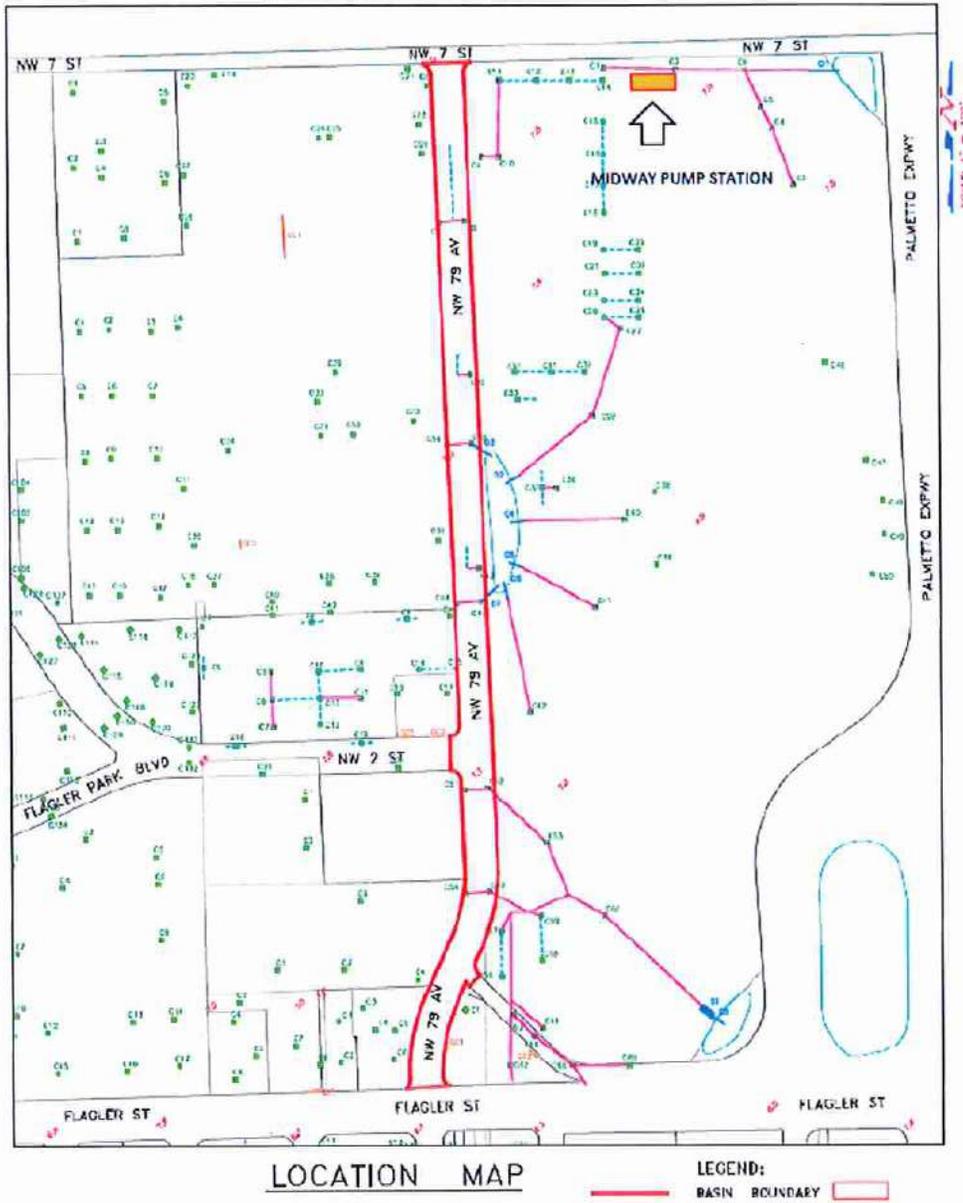
PROJECT TIMELINE & BUDGET DETAIL: The tasks must be completed by the corresponding task end date. Cost reimbursable grant funding must not exceed the budget amounts as indicated below.

For any Task with a Budget Category of Contractual Services, the Grantee shall submit a copy of the executed subcontract(s) to the Department prior to submitting any invoices for subcontracted work.

Task No.	Task Title	Budget Category	Grant Amount	Task Start Date	Task End Date
1	Construction	Contractual Services	\$1,052,000	07/01/2024	10/31/2027
Total:			\$1,052,000		

Figure 1.

NW 79 AVE FROM
FLAGLER ST TO NW 7 ST



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Public Records Requirements

Attachment 4

1. Public Records.

- a. If the Agreement exceeds \$35,000.00, and if Grantee is acting on behalf of Department in its performance of services under the Agreement, Grantee must allow public access to all documents, papers, letters, or other material, regardless of the physical form, characteristics, or means of transmission, made or received by Grantee in conjunction with the Agreement (Public Records), unless the Public Records are exempt from section 24(a) of Article I of the Florida Constitution and section 119.07(1), F.S.
- b. The Department may unilaterally terminate the Agreement if Grantee refuses to allow public access to Public Records as required by law.

2. Additional Public Records Duties of Section 119.0701, F.S., If Applicable.

For the purposes of this paragraph, the term “contract” means the “Agreement.” If Grantee is a “contractor” as defined in section 119.0701(1)(a), F.S., the following provisions apply and the contractor shall:

- a. Keep and maintain Public Records required by Department to perform the service.
- b. Upon request, provide Department with a copy of requested Public Records or allow the Public Records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, F.S., or as otherwise provided by law.
- c. A contractor who fails to provide the Public Records to Department within a reasonable time may be subject to penalties under section 119.10, F.S.
- d. Ensure that Public Records that are exempt or confidential and exempt from Public Records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the Public Records to Department.
- e. Upon completion of the contract, transfer, at no cost, to Department all Public Records in possession of the contractor or keep and maintain Public Records required by Department to perform the service. If the contractor transfers all Public Records to Department upon completion of the contract, the contractor shall destroy any duplicate Public Records that are exempt or confidential and exempt from Public Records disclosure requirements. If the contractor keeps and maintains Public Records upon completion of the contract, the contractor shall meet all applicable requirements for retaining Public Records. All Public Records stored electronically must be provided to Department, upon request from Department’s custodian of Public Records, in a format specified by Department as compatible with the information technology systems of Department. These formatting requirements are satisfied by using the data formats as authorized in the contract or Microsoft Word, Outlook, Adobe, or Excel, and any software formats the contractor is authorized to access.

- f. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, F.S., TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE CONTRACT, CONTACT THE DEPARTMENT’S CUSTODIAN OF PUBLIC RECORDS AT:**

Telephone: (850) 245-2118
Email: public.services@floridadep.gov
Mailing Address: Department of Environmental Protection
ATTN: Office of Ombudsman and Public Services
Public Records Request
3900 Commonwealth Boulevard, MS 49
Tallahassee, Florida 32399

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Special Audit Requirements
(State and Federal Financial Assistance)

Attachment 5

The administration of resources awarded by the Department of Environmental Protection (*which may be referred to as the "Department", "DEP", "FDEP" or "Grantor", or other name in the agreement*) to the recipient (*which may be referred to as the "Recipient", "Grantee" or other name in the agreement*) may be subject to audits and/or monitoring by the Department of Environmental Protection, as described in this attachment.

MONITORING

In addition to reviews of audits conducted in accordance with 2 CFR Part 200, Subpart F-Audit Requirements, and Section 215.97, F.S., as revised (see "AUDITS" below), monitoring procedures may include, but not be limited to, on-site visits by DEP Department staff, limited scope audits as defined by 2 CFR 200.425, or other procedures. By entering into this Agreement, the recipient agrees to comply and cooperate with any monitoring procedures/processes deemed appropriate by the Department of Environmental Protection. In the event the Department of Environmental Protection determines that a limited scope audit of the recipient is appropriate, the recipient agrees to comply with any additional instructions provided by the Department to the recipient regarding such audit. The recipient further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Chief Financial Officer (CFO) or Auditor General.

AUDITS

PART I: FEDERALLY FUNDED

This part is applicable if the recipient is a State or local government or a non-profit organization as defined in 2 CFR §200.330

1. A recipient that expends \$1,000,000 or more in Federal awards in its fiscal year, must have a single or program-specific audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F. EXHIBIT 1 to this Attachment indicates Federal funds awarded through the Department of Environmental Protection by this Agreement. In determining the federal awards expended in its fiscal year, the recipient shall consider all sources of federal awards, including federal resources received from the Department of Environmental Protection. The determination of amounts of federal awards expended should be in accordance with the guidelines established in 2 CFR 200.502-503. An audit of the recipient conducted by the Auditor General in accordance with the provisions of 2 CFR Part 200.514 will meet the requirements of this part.
2. For the audit requirements addressed in Part I, paragraph 1, the recipient shall fulfill the requirements relative to auditee responsibilities as provided in 2 CFR 200.508-512.
3. A recipient that expends less than \$1,000,000 in federal awards in its fiscal year is not required to have an audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F-Audit Requirements. If the recipient expends less than \$1,000,000 in federal awards in its fiscal year and elects to have an audit conducted in accordance with the provisions of 2 CFR 200, Subpart F-Audit Requirements, the cost of the audit must be paid from non-federal resources (i.e., the cost of such an audit must be paid from recipient resources obtained from non-federal entities).
4. The recipient may access information regarding the Catalog of Federal Domestic Assistance (CFDA) via the internet at <https://sam.gov/content/assistance-listings>.

PART II: STATE FUNDED

This part is applicable if the recipient is a nonstate entity as defined by Section 215.97(2), Florida Statutes.

1. In the event that the recipient expends a total amount of state financial assistance equal to or in excess of \$750,000 in any fiscal year of such recipient (for fiscal years ending June 30, 2017, and thereafter), the recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, F.S.; Rule Chapter 69I-5, F.A.C., State Financial Assistance; and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General. EXHIBIT 1 to this form lists the state financial assistance awarded through the Department of Environmental Protection by this agreement. In determining the state financial assistance expended in its fiscal year, the recipient shall consider all sources of state financial assistance, including state financial assistance received from the Department of Environmental Protection, other state agencies, and other nonstate entities. State financial assistance does not include federal direct or pass-through awards and resources received by a nonstate entity for Federal program matching requirements.
2. In connection with the audit requirements addressed in Part II, paragraph 1; the recipient shall ensure that the audit complies with the requirements of Section 215.97(8), Florida Statutes. This includes submission of a financial reporting package as defined by Section 215.97(2), Florida Statutes, and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General.
3. If the recipient expends less than \$750,000 in state financial assistance in its fiscal year (for fiscal year ending June 30, 2017, and thereafter), an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, is not required. In the event that the recipient expends less than \$750,000 in state financial assistance in its fiscal year, and elects to have an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, the cost of the audit must be paid from the non-state entity's resources (i.e., the cost of such an audit must be paid from the recipient's resources obtained from other than State entities).
4. For information regarding the Florida Catalog of State Financial Assistance (CSFA), a recipient should access the Florida Single Audit Act website located at <https://apps.fldfs.com/fsaa> for assistance. In addition to the above websites, the following websites may be accessed for information: Legislature's Website at <http://www.leg.state.fl.us/Welcome/index.cfm>, State of Florida's website at <http://www.myflorida.com/>, Department of Financial Services' Website at <http://www.fldfs.com/> and the Auditor General's Website at <http://www.myflorida.com/audgen/>.

PART III: OTHER AUDIT REQUIREMENTS

(NOTE: This part would be used to specify any additional audit requirements imposed by the State awarding entity that are solely a matter of that State awarding entity's policy (i.e., the audit is not required by Federal or State laws and is not in conflict with other Federal or State audit requirements). Pursuant to Section 215.97(8), Florida Statutes, State agencies may conduct or arrange for audits of State financial assistance that are in addition to audits conducted in accordance with Section 215.97, Florida Statutes. In such an event, the State awarding agency must arrange for funding the full cost of such additional audits.)

PART IV: REPORT SUBMISSION

1. Copies of reporting packages for audits conducted in accordance with 2 CFR Part 200, Subpart F-Audit Requirements, and required by PART I of this form shall be submitted, when required by 2 CFR 200.512, by or on behalf of the recipient directly to the Federal Audit Clearinghouse (FAC) as provided in 2 CFR 200.36 and 200.512
 - A. The Federal Audit Clearinghouse designated in 2 CFR §200.501(a) (the number of copies required by 2 CFR §200.501(a) should be submitted to the Federal Audit Clearinghouse), at the following address:

By Mail:

Federal Audit Clearinghouse
Bureau of the Census
1201 East 10th Street
Jeffersonville, IN 47132

Submissions of the Single Audit reporting package for fiscal periods ending on or after January 1, 2008, must be submitted using the Federal Clearinghouse's Internet Data Entry System which can be found at <http://harvester.census.gov/facweb/>

2. Copies of financial reporting packages required by PART II of this Attachment shall be submitted by or on behalf of the recipient directly to each of the following:

A. The Department of Environmental Protection at one of the following addresses:

By Mail:

Audit Director
Florida Department of Environmental Protection
Office of Inspector General, MS 40
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Electronically:

FDEPSingleAudit@dep.state.fl.us

B. The Auditor General's Office at the following address:

Auditor General
Local Government Audits/342
Claude Pepper Building, Room 401
111 West Madison Street
Tallahassee, Florida 32399-1450

The Auditor General's website (<http://flauditor.gov/>) provides instructions for filing an electronic copy of a financial reporting package.

3. Copies of reports or management letters required by PART III of this Attachment shall be submitted by or on behalf of the recipient directly to the Department of Environmental Protection at one of the following addresses:

By Mail:

Audit Director
Florida Department of Environmental Protection
Office of Inspector General, MS 40
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Electronically:

FDEPSingleAudit@dep.state.fl.us

4. Any reports, management letters, or other information required to be submitted to the Department of Environmental Protection pursuant to this Agreement shall be submitted timely in accordance with 2 CFR 200.512, section 215.97, F.S., and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, as applicable.

5. Recipients, when submitting financial reporting packages to the Department of Environmental Protection for audits done in accordance with 2 CFR 200, Subpart F-Audit Requirements, or Chapters 10.550 (local governmental entities) and 10.650 (non and for-profit organizations), Rules of the Auditor General, should indicate the date and time the reporting package was delivered to the recipient and any correspondence accompanying the reporting package.

PART V: RECORD RETENTION

The recipient shall retain sufficient records demonstrating its compliance with the terms of the award and this Agreement for a period of **five (5)** years from the date the audit report is issued, and shall allow the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General access to such records upon request. The recipient shall ensure that audit working papers are made available to the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General upon request for a period of **three (3)** years from the date the audit report is issued, unless extended in writing by the Department of Environmental Protection.

Note: If the resources awarded to the recipient for matching represent more than one federal program, provide the same information shown below for each federal program and show total state resources awarded for matching.

State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Matching Resources for Federal Programs:					
Federal Program	Federal Agency	CFDA	CFDA Title	Funding Amount	State Appropriation Category
Federal Program A					
Federal Program B					

Note: If the resources awarded to the recipient represent more than one state project, provide the same information shown below for each state project and show total state financial assistance awarded that is subject to section 215.97, F.S.

State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Resources Subject to Section 215.97, F.S.:						
State Program	State Awarding Agency	State Fiscal Year ¹	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category
Original Agreement	Department of Environmental Protection	2024-2025	37.039	Statewide Water Quality Restoration Projects	\$1,052,000.00	140047
State Program B	State Awarding Agency	State Fiscal Year ²	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category

Total Award	\$1,052,000.00
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Note: List applicable compliance requirement in the same manner as illustrated above for federal resources. For matching resources provided by the Department for DEP for federal programs, the requirements might be similar to the requirements for the applicable federal programs. Also, to the extent that different requirements pertain to different amount for the non-federal resources, there may be more than one grouping (i.e. 1, 2, 3, etc.) listed under this category.

For each program identified above, the recipient shall comply with the program requirements described in the Catalog of Federal Domestic Assistance (CFDA) [<https://sam.gov/content/assistance-listings>] and/or the Florida Catalog of State Financial Assistance (CSFA) [<https://apps.fldfs.com/fsaa/searchCatalog.aspx>], and State Projects Compliance Supplement (Part Four: State Projects Compliance Supplement [https://apps.fldfs.com/fsaa/state_project_compliance.aspx]). The services/purposes for which the funds are to be used are included in the Agreement's Grant Work Plan. Any match required by the Recipient is clearly indicated in the Agreement.

¹ Subject to change by Change Order.

² Subject to change by Change Order.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Exhibit A
Progress Report Form

The current **Exhibit A, Progress Report Form** for this grant can be found on the Department's website at this link:

<https://floridadep.gov/wra/wra/documents/progress-report-form>

Please use the most current form found on the website, linked above, for each progress report submitted for this project.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Exhibit C
Payment Request Summary Form

The **Payment Request Summary Form** for this grant can be found on our website at this link:

<https://floridadep.gov/wra/wra/documents/payment-request-summary-form>

Please use the most current form found on the website, linked above, for each payment request.

APPENDIX "E" TO SPECIAL PROVISIONS
RESILIENT FLORIDA PROGRAM
GRANTEE QUICK REFERENCE GUIDE

**Florida Department of Environmental Protection
Resilient Florida Program
Grantee Quick Reference Guide**

Program Contact Information

Grant Manager: ResilientFloridaGrants@FloridaDEP.gov	Grants Administrator: Hanna Tillotson (Hanna.Tillotson@FloridaDEP.gov)
Budget Administrator: Ashley Larson (Ashley.M.Larson@FloridaDEP.gov)	Technical Administrator: Jim Cichon (James.Cichon@FloridaDEP.gov)
Field Agent Manager: Richard Spaulding, P.E. (Richard.Spaulding@FloridaDEP.gov)	GIS Administrator: Jeohusua Lugo (Jeohusua.Lugo@FloridaDEP.gov)
Planning Administrator: Krista Shipley (Krista.Shipley@FloridaDep.gov)	Program Director: Eddy Bouza (Eddy.Bouza@FloridaDEP.gov)

Prior to Grant Agreement Execution

Supporting Documentation Required

1. All grants must submit:
 - W-9 or Completion of Substitute W-9
 - Agreement Contact Information Form
 - Certificate of Insurance
 - Must list Florida DEP as Additional Insured and Certificate Holder.
 - Coverage requirements are found in Attachment 2, Section 8.
 - Coverages must be maintained throughout duration of Grant Agreement period.
2. Federally Funded Grants must submit:
 - UEI number as registered on SAM.gov.
 - Active registration must be maintained throughout Grant Agreement Period
 - State and Local Fiscal Recovery Funds Reporting Form
 - Build America, Buy America and Davis-Bacon Certification Form

Upon Grant Agreement Execution

Please visit our website, [Resilient Florida Grants](#), for current forms and grantee resources. *Unless otherwise noted, submit all grant documents to assigned Department Grant Manager.*

1. **Resilient Florida Program-Specific Grant Requirements**
 - Attachment 6, Program Specific Requirements
2. **Reporting Requirements**
 - Exhibit A, Progress Report Form
 - Use either the Planning or Implementation Progress Report form, depending on grant type.
 - Submit to ResilientFloridaGrants@FloridaDEP.gov quarterly and with each payment request.
 - Quarterly reporting periods include the following dates:
 - Quarter 1: Jul 1 – Sep 30
 - Quarter 2: Oct 1 – Dec 31
 - Quarter 3: Jan 1 – Mar 31

- Quarter 4: Apr 1 – Jun 30.
 - Quarterly progress reports are due no later than twenty (20) days following the completion of the quarterly reporting period, pursuant to Attachment 1, Section 10: Status Reports.
 - Progress reports must also be submitted with each payment request. The reporting period must reflect the performance period in which the work was conducted, and for which reimbursement is being requested.
 - Exhibit F, Final Project Report
 - Submitted upon project completion and prior to requesting final payment. If report includes photos, Exhibit G, Photo Release Form, must be submitted along with the final project report.
 - Final project report may be submitted in lieu of the final quarterly progress report, if the next quarterly progress report falls after the grant expiration date.
- 3. Contractual Services Requirements**
- Exhibit H, Contractual Services Certification
 - Required for all grant agreements that include contractual services as an expenditure category. Exhibit H and all supporting documentation must be provided for each contractor that conducts work under the grant agreement.
 - Submitted prior to requesting payment that includes contractual services.
 - Grants funded with federal funds (as indicated by Section 5 of the Standard Grant Agreement) must abide by additional procurement requirements in the Code of Federal Regulations and State and Local Fiscal Recovery Funds Final Rule. Federally funded grants also include Attachment 8, Contract Provisions for Coronavirus State and Local Fiscal Recovery (SLFRF) Agreements, which includes SLFRF-specific requirements.
- 4. Amendments or Change Orders**
- Attachment 1, Section 2: Grant Administration
 - Provides overview of the eligible types of modifications to the grant agreement that can be made and whether it requires an amendment or change order.
 - Requests shall be submitted in writing to the DEP grant manager thirty (30) days in advance of task due date or agreement expiration date, as applicable for the requested change.
- 5. Deliverables**
- Attachment 3, Grant Work Plan
 - Deliverables and due dates are identified for each task.
 - The Department Grant Manager will provide either the Deliverable Acceptance Letter or Non-Acceptance Letter to the Grantee within thirty (30) days after receipt of the deliverable.
 - Deliverable acceptance definitions:
 - **Partial Deliverable** is defined as a deliverable consisting of one (1) or more (but not all) subcomponents listed in the deliverable list for a single task, and the subcomponent(s) are delivered to the Department at one hundred percent (100%) completion.
 - **Full Deliverable** is defined as a deliverable consisting of all subcomponents listed in the deliverable list for a single task, and all are delivered to the Department at one hundred percent (100%) completion.
 - **Incomplete Deliverable** is defined as a deliverable for which one hundred percent (100%) completion has not been achieved for any of the subcomponents listed in the deliverable list for a single task.
 - **Interim Deliverable** is acceptable in older agreements (22SRP, 22PLN) that have not yet been amended to include the new Performance Measures language in Attachment 3, Grant Work Plan. This older language allows for the Exhibit A, Progress Report Form, to

be acceptable as an interim deliverable to request payment. Refer to your agreement if this is currently allowed.

- A task is considered one hundred percent (100%) complete upon the Department's receipt and approval of all deliverable subcomponents (if applicable) listed within the task.

6. Exhibit G, Photo Release Form

- Must be submitted if any deliverables or reports include photos.

7. References for Eligible Expenditure Categories, Reimbursement, and Match Documentation

- Attachment 1, Section 8: Payment; and Section 9: Documentation Required for Cost Reimbursement Grant Agreements and Match.
- Attachment 2, Section 4: Cost Eligible for Reimbursement or Matching Requirements; and Section 7: Match Requirements.

8. Payment Requests

- Invoices should be submitted using Exhibit C, Payment Request Workbook.
- Refer to Instructions tab in Exhibit C for Grantee Checklist and Submission Instructions.
- Submit payment requests to ResilientFloridaGrants@FloridaDEP.gov.
- Attachment 2, Section 7: Match Requirements
 - Each payment request submitted shall document all matching funds and/or match efforts during the period covered by each request. The final payment will not be processed until the match requirement has been met.
- All Implementation Grants (not just the construction tasks) are subject to the 5% retainage. This will automatically calculate in the Exhibit C, Payment Request Workbook.
 - Planning Grant Grantees may zero this automatic calculation.
- Refer to Attachment 3, Grant Work Plan: Payment Request Schedule for additional details.
- Please do not hold payment requests until the end of your Grant Agreement period.

9. Agreement Closeout

- Attachment 1, Section 13: Termination
 - Upon project and grant completion, the grantee must provide statement in writing to DEP grant manager that the grant agreement can be closed out and that the remaining funds (if applicable) can be released.
-

APPENDIX "F" TO SPECIAL PROVISIONS
TECHNICAL SPECIFICATIONS

SECTION 13630 – REMOTE TERMINAL UNITS

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. General: Work under this Section is subject to the requirements of the Contract Documents.
- B. This specification covers the technical requirements for the fabrication, installation, engineering, wiring, adjustment, testing, start-up, commissioning, and training for the remote terminal unit (RTU) required for:
 - Miami – Dade County Public Works Telemetry System
Miami, Florida
- C. The RTU shall be provided complete, including all hardware, system cabling, network cabling, and installation which may be necessary for a complete and working system.
- D. The programming of the RTUs shall be covered under this contract.

1.2 RELATED WORK

- A. Division 13: General Instrumentation and Control
- B. Division 13: Instrument Panel and Enclosure Construction.
- C. Division 16: Grounding
- D. Division 16: Wires and Cables

1.3 QUALITY ASSURANCE

- A. Electrical Component Standards: Components and installation shall comply with the latest edition of NFPA 70, National Electrical Code (NEC).
- B. All work and materials of the remote terminal unit (RTU) systems shall be furnished by Emerson Process Management.
- C. Drawings and specifications shown are intended to convey information required for a complete control system for the purposes specified. The

System Integrator shall be responsible for all details (such as load resistors, surge protectors, signal isolators, interposing relays, etc.), which may be necessary to properly install, adjust, and place in operation a complete and working system.

- D. The System Integrator and the Contractor shall be responsible for all coordination between the RTU systems and the field mounted process equipment and instrumentation.
- E. Installation shall be in strict compliance with the equipment manufacturer's instructions. The System Integrator shall assume full responsibility for additional costs which may result from unauthorized deviation from these specifications and from the equipment manufacturer's instructions.

1.4 SUBMITTALS

- A. Submittals shall comply with the Contract Documents. Shop drawings shall be submitted complete, in a single submittal. Partial submittals will be returned unchecked. Exceptions can only be made with prior approval from the Engineer.
- B. Submit shop drawings in the following sequence:
 - 1. Submit for approval: system hardware configuration block diagrams, equipment cut-sheets, and instruction bulletin for each type used.
- C. After system hardware configuration is reviewed, submit the following:
 - 1. Panel/enclosure shop drawings, which shall include front elevation, internal panel elevation, conduit hole penetrations, and panel bill of material. Each item of panel mounted equipment shall be shown.
 - 2. Panel wiring diagrams, which shall show input/output wiring and terminations, and panel power wiring and terminations.
 - 3. Detailed calculations, including power supply sizing calculation.
 - 4. Other descriptive information that will assist the Engineer with approval of the shop drawings.

5. Submit the RTU system and the operator interface system technical manuals and instruction bulletins, which shall include but not be limited to the following items:
 - a. Complete system overview
 - b. Programming instructions
 - c. Installation and start-up instructions
 - d. Trouble shooting instructions
 - e. Specifications of the various I/O devices
 - f. Specifications of the various programming devices

1.5 EQUIPMENT IDENTIFICATION AND TAG NUMBERS

All apparatus, control equipment and instruments, both panel and field mounted, shall be identified by engraved laminated labels. Description on the labels and methods of attachment shall be as approved by the Owner / Engineer during shop drawing approval. Labels shall be in accordance with Division 16 – Electrical Identification.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. RTU System: Emerson Bristol®,
 1. ControlWave-Micro or FB3000 for sites with utility supplied power.
 2. ControlWave-Micro or FB3000 for solar-powered sites
- B. All RTU panels to be manufactured and supplied by Emerson Bristol®.

2.2 GENERAL

- A. See Division 13 General Instrumentation and Controls for the Process Control Description.
- B. All input and output modules, racks, power supplies, etc. shall be by one RTU manufacturer.
- C. Racks or housings shall accept any mixture of inputs, outputs, communication cards, etc. as required. Dedicated racks for any I/O type are not acceptable.
- D. All input and output circuits shall be optically isolated from the RTU.

- E. Provide removable terminal strips to allow replacement of modules without disturbing panel wiring. Use wiring harnesses where available for connecting the I/O modules to the interposing relays.
- F. LED indicators shall show status of each I/O to aid in troubleshooting.
- G. Provide power supplies as required to operate and protect all I/O modules, communication cards, processors, remote I/O adapters, etc. as required.
- H. The equipment manufacturer shall provide remote-access and phone support to the Owner for a period of 1 year from the date of system delivery.

2.3 OVERVIEW

- A. The controller shall be an industrial-grade, microprocessor-based unit capable of accepting inputs from discrete (single point), analog, and high speed pulse data sources.
- B. The controller shall execute user-entered logic instructions from memory and perform output functions as required by the logic instructions to discrete, analog, parallel, and serial data outputs.
- C. The central processor unit (CPU) shall not require the use of external storage devices (i.e., disk drives) to execute user programs.
- D. The controller shall be fully modular in design and have a pin-and-socket connector for easy field upgrades or card placement.

2.4 CENTRAL PROCESSOR UNIT (CPU)

- A. The central processing unit shall be a single printed circuit board assembly utilizing surface mount technology.
- B. The CPU shall plug directly into the I/O base and have integral wiring to the base, power supply, and the local I/O system.
- C. The unit will have indicators on the front bezel that monitor the controller operation, the battery (if required), the status and the CPU's mode of operation.
- D. Shall include integral communication ports: Two(2) Ethernet, two(2) RS232, and two(2) RS485 ports.

2.5 MEMORY

- A. The standard user program storage medium shall consist of flash EPROMs. The flash EPROM shall store the RTU program plus all program documentation including symbols and ladder rung comments. All symbols and ladder rung comments must remain resident in the RTU memory.
- B. The CPU and associated memory shall be incorporated into the same printed circuit board assembly.
- C. Under normal operating conditions, the RAM or storage medium shall retain setpoint values for no less than six months in the event of power failure. Under normal operating conditions, the FLASH or storage medium shall retain a program for 5 years in the event of power failure.
- D. Main program memory size of 4 Mbytes minimum, with word lengths of 32 bits. Unit shall include an additional memory for data storage. The RTU must be able to store the program, plus all symbols and comments for the program.

2.6 COMMUNICATIONS

- A. Protocols: RTU shall natively communicate through ModBus, DF1, BSAP, HART, and/or **DNP3** SCADA Telemetry protocols. BSAP and/or DNP3 shall also provide complete access to RTU configuration and diagnostics.
- B. Sampling: RTU shall provide polled, report-on-exception (alarms/events), and report-by-exception (RBE) data-acquisition of SCADA signals.
- C. Media: RTU shall have built-in connections to Ethernet (RJ45), RS232 (D9), and RS485 (D9). RTU shall provide additional ports if needed by application or instrumentation.

2.7 PROGRAM EXECUTION

- A. Memory scan time shall be less than 0.1 milliseconds per 1000 Boolean instructions. The entire ladder logic program shall be completed once each scan. Each scan cycle shall allocate time to update all I/O, execute the program, communicate with special function I/O modules and execute specific task request.
- B. The processor shall be equipped with no less than 16,384 internal relay equivalents and shall be capable of employing Master Control Relays to perform program control functions.

- C. The processor shall contain no less than 65,536 variable memory registers, and each register shall be capable of storing 32-bit floating-point decimal values. Variable memory shall be have non-volatile backup.

2.8 TIMERS AND COUNTERS

- A. The controller shall have the capability of up to 4096 counters and 4096 timers. Each counter can store 32-bit floating-point values, and each timer shall be capable of storing double-integer values (milliseconds).

2.9 INPUTS AND OUTPUTS

- A. The system shall have the capacity to accommodate no less than 96 inputs or outputs in increments of four, eight, or sixteen points within rack limitations. Modules and their rack assemblies shall contain all circuitry for interfacing inputs and outputs to the controller.

- B. The I/O assemblies will provide mounting slots for the processor, power supply and I/O modules. The following standard I/O modules shall be utilized.

1. Discrete Inputs: 24 VDC, 16 point.
2. Discrete Outputs: 24 VDC, 16 point
3. Analog Inputs: 8 channel, isolated, accept 4-20 mA DC or 1-5 VDC input signals. Each channel pair shall be configurable.
4. Analog Outputs: 4 channel, isolated, individually configurable as 4-20 mA DC or 1-5 VDC.

- C. Provide interposing relays for all discrete inputs and outputs. See Div 13 Instrument Panel and Enclosure Construction sub-part Interposing Relays. Provide pre-wired cable assemblies where available for connecting the inputs and outputs to the interposing relays

- D. Provide signal isolation for all analog inputs and outputs. See specification "Instrument Panel and Enclosure Construction" sub-part "Signal Isolation and Protection". Provide pre-wired cable assemblies where available for connecting the inputs and outputs to the isolators

2.9 RATINGS

- A. Electrical

1. Input power supplied by a power supply module
2. Input Voltage Requirements: +5 VDC

B. Environmental

1. Operating Temperature: -40°C to 75°C (-40°F to 167 °F)
2. Storage Temperature: -40°C to 85°C (-40°F to 185°F)
3. Relative Humidity: IEC68-2-3; 5-95% non-condensing
4. Vibration: 1g over 10 to 150 — 0.5g over 150 to 200 Hz
5. Noise Immunity: NEMA (ICS-304) and EN 61326-1:2013

2.10 STANDARDS AND REGULATORY AGENCY APPROVALS

A. The CPU and associated racks, power supplies and I/O modules shall have major approvals include:

1. UL Listing
2. CSA Certification

2.11 RELAY LADDER INSTRUCTIONS

A. There shall exist, instructions which will skip any number of ladder logic rungs to a specified rung. There shall also exist, an end program instruction to skip all unprogrammed lines in memory.

B. There shall exist, discrete and motor alarm timer instructions which shall use a feedback loop to confirm control action occurrence. In the event control actions to not occur in the desired time, an alarm bit shall be set.

C. The RTU and its software shall provide all five programming languages standard as referenced by the PLC IEC 61131-3 standard.

D. Ladder logic documentation shall consist of one comment block for each output coil and a synonym for each contact or output coil. The I/O documentation shall display on a case-by-case basis what type module is in each slot and the synonym for each I/O point. All documentation shall be able to be printed out for reference (variable and constant memory documentation, program title), and stored in the RTU memory.

E. Ladder Logic Labeling

1. All inputs shall be labeled with a description that indicates its function when the input is "true", "energized", or "on". For example, "Sump Level GE 12 in." instead of "Sump Low Level". All descriptions shall be expressed in a positive fashion, i.e.,

"Shearpin Limit Switch OK", instead of "Shearpin Limit Switch Not Tripped".

2. Ladder logic contacts and coils shall be labeled in a similar fashion. Modify labels accordingly for normally closed contacts. Example, a normally open contact indicating "Sump Level GE 12 in." should become "Sump Level LT 12 in" for a normally closed contact.

- F. The system logic shall be structured into logical code blocks to facilitate future code revision and troubleshooting.

2.12 POWER SUPPLY AND BATTERIES

- A. Input power shall be 10.7 to 30 VDC from power supplies as specified in Division 13, Instrument Panel and Enclosure Construction.
- B. Provide diagnostic indication (LED) and alarm for memory backup battery.
- C. Provide capability for redundant configurations utilizing second or third power supply in critical areas of plant as specified. Provide failure detection.

2.13 SOFTWARE

- A. Transfer all software licenses and service to the Engineer

PART 3 - EXECUTION

3.1 SYSTEM INSTALLATION

- A. The Contractor shall provide all materials and work necessary for a complete and functioning RTU system and shall have full coordination responsibility of the electrical, instrumentation and control, variable speed drives, mechanical, and structural work as specified in these specifications and/or shown on the drawings.
- B. The Contractor shall ensure that RTU system work is properly interfaced with equipment and other work not furnished by the system provider.
- C. The Contractor shall install, make final connections to, adjust, test, and start-up the complete RTU system utilizing the technical services of the system provider.

3.2 COMMISSIONING

- A. This activity shall consist of two sequential performance tests:
 - 1. Operational test
 - 2. Functional test
- B. The proposed format and documentation of these tests shall be submitted to the Engineer for review and comment prior to commencement of this activity.
- C. Each test shall be witnessed by representatives of the RTU system provider, the Contractor, the Engineer and the Owner.
- D. The objective of the Operational Test shall be to demonstrate that the RTU system is ready for final operation. The system shall be checked for proper installation, adjustment, and calibration on a loop-by-loop basis to verify that it is ready to function as specified.
- E. The objective of the Functional Test is to demonstrate that the RTU systems are operating properly and are in compliance with the specified performance requirement, and that the system is ready for use by the Engineer.

3.3 ACCEPTANCE

- A. Upon the successful completion of commissioning and training activities, the RTU system provider may request formal acceptance of the system.
- B. All plans, cd's, documentation, etc. to be given to the Engineer. Obtain receipt for same.
- C. Assist Engineer with transferring licensing of all software.
- D. Back-up and restore all programs and data after system is on-line. Train Engineer in procedure.

3.4 SPARE PARTS

- A. Provide the following spare parts.
 - 1. Provide 1 spare input/output cards of each type.
- B. Deliver all spare parts to the Engineer. Obtain receipt for same.

END OF SECTION 13630

SECTION 13660 - RADIO TELEMETRY SYSTEM

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This specification section covers the technical requirements for the Radio Telemetry System as described in Division 13, "General Instrumentation and Control", and as shown on the Drawings.
- B. It is the intent of these specifications that all components necessary for a complete and functioning system shall be included. This includes but is not limited to the following: programming of all radios, maintenance software, mounting brackets, grounding systems, 120 VAC power surge suppressors, lighting arresters, poles, directional antennas, 12/24 VDC power supplies, enclosures, etc.
- C. The field radio path survey shall be complete before purchasing of radio and antenna equipment for that site.

1.2 SUBMITTALS

- A. Submittals shall be as specified in the following specification sections:
- B. Division 01: General Requirements
- C. Division 13: General Instrumentation and Control
- D. Submit agenda for all coordination meetings at least one week in advance. Prepare and distribute meeting minutes within two weeks following each coordination meeting.
- E. Submit product brochures and installation guidelines on all radios, antennas, cables, grounding kits, mounting hardware, surge suppressors, diagnostic software, management software, etc.

1.3 QUALITY ASSURANCE

- A. Comply with NFPA 70 "National Electrical Code (NEC)", latest edition, for components and installation.
- B. Listing and Labeling: Provide products specified in this section that are listed and labeled as defined in NEC article #100.
- C. Comply with all Federal Communications Commission (FCC) requirements for a licensed 5-watt data telemetry radio system.

- D. Comply with all Federal Communications Commission (FCC) requirements for an unlicensed 1-watt spread spectrum data telemetry radio system.
- E. The radio manufacturer shall be certified as an ISO 9001 approved facility. A certificate of ISO 9001 registration shall be included with the bid documents.
- F. Company performing installation work shall have a minimum of 2 years' experience in wireless communications for SCADA systems.

1.4 DEFINITIONS

- A. Bridge: A device for connecting different types of physical media networks, i.e. coaxial cable to twisted pair cable. Protocols are the same on both networks.
- B. Router: A managed Ethernet type switch that isolates traffic from one network to another. It provides network address translation (NAT) and may serve as firewall.
- C. Master / Access Point (AP): The transceiver in the network that provides synchronization information to one or more remote units.
- D. Latency: The delay expressed in milliseconds between when data is received at the input port of one radio and it appears at the output port of another radio.
- E. Slave / Remote: A transceiver in a network that communicates with an associated AP or master radio.

1.5 GUARANTEE

- A. The radio vendor shall guarantee in writing that if it is contracted to plan, design, and deploy the wireless network: The radio network shall meet or exceed all promised levels of performance and functionality including accurate, complete coverage, signal strength, and data throughput.

1.6 SERVICES PROVIDED BY OWNER

- A. Person designated as Engineer liaison. This person shall serve as the point of contact for the contractor and vendors.
- B. Copy of On-Site Radio Survey that includes the latitude and longitude in decimal format for all master, repeater and remote locations.
- C. Assistance in identifying other facilities, buildings, poles, etc. that can be used as master / repeater locations.

- D. Soils report prepared by a local testing firm.

PART 2 - PRODUCTS

2.1 FIELD RADIO SURVEY

- A. The field radio survey will be provided.

2.2 MANUFACTURERS

- A. The radio manufacturer must be certified as an ISO 9001 approved facility. A certificate of ISO 9001 registration must be included with the bid documents.

- B. Radio Equipment

1. GE Microwave Data Systems SD9 Licensed Frequency Radios
2. Aviat 4RF Aprisa SR+ Licensed Frequency Radios
3. No substitutions will be allowed.

- C. Antennas

1. MDS Clearwave
2. Dataradio
3. Maxrad
4. Andrew
5. PCTEL
6. Or approved equal

- D. Cables

1. Andrew Company, Heliac types FSJ and VXL
2. Times Microwave Systems, type LMR-400, LMR-600, LMR-1200

- E. Antenna Cable Surge Arrestors

1. Polyphaser
2. Phoenix Contact type CoaxTRAB
3. Or approved equal

2.3 LICENSED LOW SPEED DATA RADIOS

- A. General

1. Integrated wireless modem hardware shall be supplied which complies with applicable Federal Communications Commission (FCC) or National Telecommunications and Information Administration (NTIA) requirements for FCC Part 15. The radio

and the modem must be packaged together and internally interfaced with each other.

2. Wireless modems shall operate within the 800 to 960 MHz frequency band.
3. On-line, non-intrusive RF network diagnostic monitoring shall be provided as a standard feature in the system architecture.
4. Wireless modem hardware of a 'packetized' design may not be used. Units shall be data transparent to allow for a minimum amount of data transmission latency, and to limit data transmission overhead thus to allowing the wireless modem to obtain the data rates specified.
5. The wireless modem hardware must be protocol transparent and independent. It must support 7 or 8 data bits, 1 or 2 stop bits, even, odd, or no parity in any combination. Communication port speeds shall be 9600 bps.
6. Units shall operate in a Master / Remote configuration.
7. Front panel mounted LED indicators shall be available for status monitoring. RUN/POWER, CS/SYN, RX/TX, AND RD/TD.
8. Separate data ports must be provided for both application data and for on-line, non-intrusive diagnostic monitoring.
9. Field configurable as 'Master' or 'Remote'.

B. Physical / Environmental

1. Shall operate on 10 to 16 VDC nominal
2. Operating temperature range: -30^o C to +60^o C.
3. Rated for Class 1 Division 2 environments
4. Humidity: Less than 95% non-condensing
5. Standard

C. Transmitters

1. RF output power of at least 5 watt (30 dBm) and must be adjustable down to 0.1 watt (20 dBm) and any level in between in 0.5 dB increments.
2. Frequency Stability: 1.5 ppm between -30 to +60 Celsius
3. RTS-CTS Delay for RTS Mode: 0 to 255 ms.
4. RF Output Impedance: 50 ohms.

D. Receivers

1. Type: Dual conversion, superheterodyne
2. Sensitivity (at antenna input port): -110 dBm with 1×10^{-6} BER
3. Conducted Spurious: Per FCC Part 15
4. Frequency Stability: 1.5 ppm from -30 to +60 Celsius.
5. RF Input Impedance: 50 ohms.

E. Diagnostics

1. The wireless modem shall be capable of passing both on-line, non-intrusive system diagnostic capability, as well as off-line diagnostic capability with loop-back testing.
2. On-line diagnostics shall originate at each remote site and will be compiled at the master station. Each remote site with each transmission of data generates diagnostics.
3. Diagnostics shall support an OPC driver and deliver data in an I/O tagged format.
4. Diagnostics reported to the central polling location shall include the following parameters:
 - a. A unique ID number.
 - b. Receive signal strength in dBm for local and remote units.
 - c. Temperature.
 - d. Power supply voltage.
 - e. Forward and reflected RF power.
 - f. A receive quality based on the last 15 data blocks received. This information must be communicated seamlessly over the air with RTU data, during the polling cycle.
5. Off-line intrusive diagnostics must also be supported that provide for the active and immediate querying of remote units, independent of the system polling cycle.
6. Off-line diagnostics must provide the following additional functionality:
 - a. Retrieving statistics of operation from any particular remote site.
 - b. Sampling of the last 10 stations heard in the network by the remote unit.
 - c. Cause the remote unit to send a 'fox' type message over the air.
7. The following off-line diagnostic parameters must be made available over the air, from a remote unit(s):
 - a. Remote transmitter B+ voltage.
 - b. Analog supply voltage.
 - c. Transmitter and receiver voltages.
 - d. Temperature.
 - e. Forward and reflected RF power.
8. Diagnostic data must be digital in nature and may not use DTMF (Dual Tone Modulated Frequency) encoding for reasons of

- security, for the off-line diagnostic capability can disrupt wireless data network operations.
9. The equipment vendor must supply off-line diagnostic software as is available from the wireless modem manufacturer.
 10. Support for on-line diagnostics must be written into and supported as an integral function of the system control/polling software.
 - a. The wireless system control software must provide alarm capability. Alarms are to be issued on the control system CRT when unusual RF network diagnostic values are received at the control point.
 - b. The wireless system control software must log diagnostic data to hard disk for later review. Diagnostic data from at least the previous fourteen days must be retained on computer hard disk.
 - c. A catalog of diagnostic data, which reflects system start-up values, must be retained for later review.
 - d. Diagnostic parameters must be examined weekly by the control software to detect any significant system operational trends.
 11. Diagnostics shall include the capability to acquire spectrum usage analysis from both the local unit and a specified or series of specified remote units. This spectrum analysis information shall be a part of the programming software. The tool shall reflect the Received Signal Strength Indication (RSSI) in dBm, the channel associated with the RSSI indication, and a dynamically placed noise floor indication based on a user selected dBm indication. Information will be available as a dynamic graphic presentation.
 12. The programming software shall have the capability to display the number of synchronization counts on a per-band/per-channel basis. This information shall be accessible from both the local unit and a specified remote unit (or remotes). All information shall be available as a dynamic graphic presentation.
 13. **Master-Station Radio shall provide Terminal-Server connections to SCADA Server. This connection will provide:**
 - a. **Redundant encapsulated serial transmissions through two Ethernet connections to the SCADA Server.**
 - b. **Radio Diagnostics using the GE-MDS PulseNET management software running in the SCADA Server.**

2.4 CABLES

- A. Cables shall be installed in strict accordance with manufacturer's recommendations and industry practices. Cables shall be supported every 10 feet maximum.

- B. Antenna cables shall be low loss foam filled type. Cable loss shall not exceed 2 dB for the length installed. Cables shall have 900 MHz attenuation not exceeding the following:
 - 1. 4.0 dB per 100 feet for distances up to 50 feet.
 - 2. 2.0 dB per 100 feet for distances between 50 and 100 feet
 - 3. 1.0 dB per 100 feet for distances greater than 100 feet.
- C. Antenna cable shall only be cut with the special cutting tool recommended by the cable manufacturer. After installation, each antenna cable shall be tested with a Time Domain Reflectometer. There shall be no reflections other than from the cable ends.
- D. At all points where a cable enters/exits a conduit and is exposed to the weather, the entry shall be shaped and positioned so as to minimize the danger of water intrusion. Any unused entry space shall be filled to further prevent any water from following the cables into the conduit.
- E. Antenna cables shall be outdoor type 50 ohm Heliax type as manufactured by Andrew Company, (types FSJ4 or VXL), Times Microwave LMR-400-DB, or equal. All connectors shall be by the same manufacturer as the cable.
- F. All connectors shall be corrosion resistant, designed for outdoor installations. Provide "O" ring seals on all connections.
- G. Provide heat shrink type covers or similar to seal all outdoor connectors against moisture and corrosion.

2.5 ANTENNAS

A. REMOTE SITES

- 1. Frequency Range: 890-960 MHz
- 2. Gain: 6 dB minimum to 15 dB maximum
- 3. Lightning Protection: Direct ground protection.
- 4. Front-to-Back Ratio: 20 dB, minimum.
- 5. Connector: Flexible extension TNC with neoprene housing to appropriate connector type of antenna cable. Nominal cable length of 72" for radios.
- 6. Mounting Hardware: Heavy duty weatherproof clamp suitable for direct mount to 2 inch pipe, or as required..
- 7. Antenna Hardware Kits: All the aforementioned items should be supplied from the equipment provider in a complete, easy to use kit that provides all the necessary items to properly connect the wireless modem to the antenna.

- B. Units shall include gold anodized aluminum radiator components, gold plated connector, solid aluminum mounting clamp, and stainless steel hardware.
- C. Antennas shall be factory tuned to the radio frequencies being used. Coordinate with radio manufacturer for tuning to the frequencies being used for this project. Verify before ordering.
- D. Provide all masts, lightning suppressors, and any other apparatus required to assemble a complete, operable, and reliable fixed wireless data system.

2.6 SOFTWARE

- A. Provide three (3) copies of radio management software. Software shall include three (3) years of product support and upgrades. Software shall be MDS NETview MS.

PART 3 - EXECUTION

3.1 GENERAL

- A. All radios, antennas, cables, etc. shall be installed in strict accordance with the manufacturer's instructions.
- B. All units shall be programmed with all necessary information for proper operation.

3.2 GROUNDING

Provide grounding for all systems as shown on the Drawings and as recommended by the radio systems vendor.

3.3 OPERATIONS

- A. Install all antennas, cables, and other equipment as required for a complete system. Place system into operation and tune for optimum operation.
- B. Document radio paths showing data throughput, dB losses, fade margins, etc.
- C. Instruct Owner in basic operations and troubleshooting of the system.

3.4 FINAL REPORT

- A. Submit final report of radio system design. This shall include the following:

1. Site listing with GPS coordinates and elevations. Include street addresses where available.
 2. Station radio numbers
 3. System block diagram showing signal routing,
 4. Antenna details: type, mounting arrangement, heights, gain, aiming, etc.
 5. Serial numbers of all radio equipment
 6. Radiated power at all sites
 7. RSSI, BER data, and other signal parameters.
- B. Take a minimum of ten (10) digital photographs of each site after all work is complete. Pictures shall show new and old equipment, general area, access, locations of the new panels and antenna supports, etc. Organize by putting each site into a folder with site name, e.g. Arch Creek Estates 1. At end of project provide two copies of all pictures on CD-ROM or DVD. These are to serve as the post-construction references.

END OF SECTION 13660

SECTION 13661 - RADIO TELEMETRY SYSTEM FIELD TESTING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Field testing requirements for the Telemetry System.
- B. Items specified in this section shall conform to general requirements of Division 13, General Instrumentation and Controls.

1.2 SUBMITTALS

- A. In addition to submittal requirements of Division 13, General Instrumentation and Controls, provide completed test documentation and sign-off sheets and punch list forms.
- B. Submit documentation in accordance with Division 13, General Instrumentation and Controls.

PART 2 - PRODUCTS

(NOT USED)

PART 3 - PREPARATION

3.1 FIELD TESTING AND DEMONSTRATIONS

- A. General
 - 1. Field testing is intended to check installation of the Telemetry System in addition to **provide** a diagnostic check of associated field equipment and wiring.
 - 2. Install RTU programming and provide any configuration required to establish communications with the **Master-Station Radio** in the SPCC Building, 111 NW 1st Street, Miami, FL.
 - 3. Testing shall begin after Remote Terminal Panel (RTU) is installed and all terminations are complete.
- B. Operational Acceptance Test
 - 1. The objective of these tests is to demonstrate that the Telemetry System is ready for operation.
 - 2. The Telemetry System shall be checked for proper installation, adjustment, and calibration on a loop-by-loop basis to verify that it is ready to function as specified.

3. Run hardware diagnostics.
4. Testing of all input and output (I/O) signals by activation or injection of signal at field device. Provide I/O Signoff document that corroborates the successful testing of all I/O signals.
5. Discrete input signals:
 - a. For all equipment RUNNING signals, test by on - off operation of equipment. If operation of equipment is deemed inadvisable by Owner or System Integrator due to potential process upset, inaccessibility of generating device, hazard to personnel, or other factors, test by jumpering of motor starter auxiliary contact or other source of run signal.
 - b. For all alarm or status signals, test by activation of device generating alarm or status signal. If generation of signal is deemed inadvisable by Owner or System Integrator due to potential process upset, inaccessibility of generating device, hazard to personnel, or other factors, test by jumpering of contact at nearest accessible location to generating device.
 - c. For signals designated as spare, test by jumpering of signal at RTU panel field termination point.
 - d. Demonstrate change of state in local RTU data table.
 - e. Demonstrate change of state at “Master” site.
6. Analog input signals:
 - a. Verify impedance capabilities of transmitting device has not been exceeded by installation of the RTU.
 - b. Disconnect transmitting device and inject 4, 12, and 20 mA D.C. signals into loop.
 - c. Demonstrate proper response to various signals in RTU data table.
 - d. Demonstrate proper response to various signals at “Master” site for that area.
 - e. For signals designated as spare, test by injection of signal at RTU panel field termination point.
7. Discrete output signals:
 - a. Manipulate RTU data table or use forces to test response of all discrete output signals.
 - b. Manipulate signals at “Master” site for that area to force all discrete output signals ON and OFF.
 - c. Verify proper response of other devices in loop to signals.
 - d. For signals designated as spare, test by checking signal at RTU panel field termination point.

8. Analog output signals:
 - a. Verify impedance capabilities of analog output is not exceeded.
 - b. Generate 4, 12, and 20 mA D.C. signals through RTU data table for all analog outputs at “Master” site for that area.
 - c. Verify proper response of other devices in analog loop to various signals. Verify proper loop current through measurement.
 - d. For signals designated as spare, test by measuring of signal at RTU panel field termination point across a 250 ohm resistor or similar.

9. Modbus Registers and Coils:
 - a. Utilize RS-485 single-pair or two-pair shielded and braided cable depending on trunk or tap topology (Belden 9841/9842 or equivalent).
 - b. PLC/RTU connection use field-assembled DB9 female breakout solderless connectors.
 - c. Route RS-485 cables avoid control-voltage and/or powerlines.
 - d. Coordinate successful ModBus read/write integration with SCADA/RTU vendor.

- C. Documentation
 1. Prepare field testing, sign-off document. Document shall include following as a minimum:
 2. Project description and number.
 3. Company name for System integrator, Owner, and Engineer.
 4. Include separate line for each I/O point to be tested.
 5. Include area for handwritten notes of any corrections required.

- D. Problem field devices or wiring.
 1. Provide written documentation of any problems encountered with Owner’s field devices or wiring during testing.
 2. Correction of such problems are not considered part of this project.

- E. Alarm displays shall be tested for all analog and digital alarm points.

- F. All historical data collection, trending, computation, totalization and reporting functions shall be checked and tested to confirm proper operation and accuracy of data.

- G. Any defects or problems found with the Telemetry System or documentation shall be corrected by Contractor and then retested or resubmitted to demonstrate proper operation.

3.2 PROVING DEMONSTRATION

- A. Before substantial completion will be considered for any site, all site system functions, including but not limited to RTU and radio, shall be run and fully operational for a continuous 48 hours period.
- B. Contractor shall notify Engineer before each 48 hours test is conducted and shall document any failure that occurs during the test.
- C. Sites that experience any component failure shall be retested until successful completion. Contractor shall submit documentation of each test.

3.3 OPERATION DEMONSTRATION

- A. The Operation Demonstration (OD) shall be defined as all Telemetry System components supplied under this contract, in addition to all components modified or connected to this Telemetry System. The OD is intended to demonstrate the operation of the Telemetry System for each site.
- B. OD shall begin following completion of the field testing and the 48-hour Proving Demonstration.
- C. OD shall continue until a time frame has been achieved wherein the Telemetry System (both hardware and software) availability meets or exceeds 99.7 percent for 30 consecutive days and no system failures have occurred that result in starting the OD over again. During the OD, the Telemetry System shall be available to Owner's operating personnel for use in normal operation of the facilities.
- D. The conditions listed below shall constitute system failures that are considered critical to the operability and maintainability of the system. The OD shall be terminated if one or more of these conditions occur. Following correction of the problem, a new 30 consecutive day OD shall begin.
 - 1. Failure to repair a hardware or software problem within 72 consecutive hours from the time of notification of a system failure.
 - 2. Recurrent type hardware or software problems, if the same type of problem occurs three times or more.
 - 3. Software problem causing a RTU processor to halt execution.

E. The following conditions shall constitute a system failure in determining the system availability based on the equation specified below.

1. Failure of one or more input/output modules.
2. Failures of any type affecting four or more input/output points simultaneously.
3. Failure of a RTU power supply.
4. The system availability shall be calculated based on the following equation:

$$A = \frac{\text{MTBF}}{\text{MTBF} + \text{MTTR}} \times 100 \text{ percent}$$

A = system availability in percent

MTBF = mean (average) time interval between consecutive system failures

MTTR = mean (average) time required to repair system failures

5. Time between failures shall be the period between the time that a reported system failure has been corrected and the time of subsequent notification of the Contractor that another system failure has occurred in terms of operating hours.
6. Time to repair shall be the period between the time that the Contractor is notified of a system failure and the time that the system has been restored to proper operation in terms of operating hours.
7. Time to repair shall be the period between the time that the Contractor is notified of a system failure and the time that the system has been restored to proper operation in terms of hours, minus an allowance for the following dead times which shall not be counted as part of the time to repair period.
8. Actual travel time for service personnel to get to the to the plant site up to a maximum of 6 hours from the time the Contractor is notified of a system failure.
9. Time for receipt of spare parts to the plant site once requested up to a maximum of 24 hours. No work shall be done on the system while waiting for delivery of spare parts.
10. Completion of a 30 consecutive day period without any restarts of the OD and with a system availability in excess of 99.7 percent shall constitute acceptance of the Radio Telemetry System.

F. All parts and maintenance materials required to repair the system prior to completion of the OD shall be supplied by Contractor at no additional cost to the Owner. If parts are obtained from the required plant spare parts

inventory, they shall be replaced to provide a full complement of parts as specified.

- G. An instrumentation and control system Malfunction/Repair Reporting Form shall be completed by Engineer to document failures, to record Contractor notification, arrival and repair times and Contractor repair actions. Format of the form shall be developed and agreed upon prior to the start of the OD.

END OF SECTION 13661

SECTION 8: ENGINEERING DRAWINGS

ENGINEERING DRAWINGS ARE PROVIDED SEPARATELY