



**Interoffice Memorandum**

July 14, 2022

TO: Mayor Jerry L. Demings  
-AND-  
County Commissioners

FROM: Joseph C. Kunkel, P.E., Director, Public Works Department

CONTACT PERSON: Humberto L. Castillero, P.E., PTOE, Manager  
Traffic Engineering Division

PHONE NUMBER: (407) 836-7891

SUBJ: **Modification Number Two to Subgrant Agreement Between the Division of Emergency Management and Orange County for Improvements to the Intersection of Edgewater Drive and Magnolia Homes Road**

Submitted for approval and execution is Modification Number Two to Subgrant Agreement between the State of Florida, Division of Emergency Management and Orange County for improvements to the intersection of Edgewater Drive and Magnolia Homes Road including a traffic signal mast arm upgrade.

The federally-funded subgrant in the amount of \$187,500 is financed by the Federal Emergency Management Agency through the Hazard Mitigation Grant Program. Orange County shall remove the existing span-wire and components, design, construct, and install the new mast-arm signal to prevent loss of service from wind-caused power outages to the intersection. The original Agreement executed on December 6, 2019, expired on August 31, 2021 and Modification Number One extended the Agreement term to June 30, 2022. Modification Number Two extends the Agreement term to November 30, 2022 and increases the Federal funding by \$158,712.75 to cover design and construction cost increases.

The County Attorney's Office and the Public Works Traffic Engineering Division have reviewed the Modification to Subgrant Agreement and find it acceptable.

**Action Requested: Approval and execution of Modification Number Two to Subgrant Agreement between the Division of Emergency Management and Orange County Contract Number: H0286 Project Number: 4337-205-R for improvements to the intersection of Edgewater Drive and Magnolia Homes Road. District 2.**

JCK/HLC/HAE/dar

Attachments

Contract Number: H0286

Project Number: 4337-205-R

**MODIFICATION TO SUBGRANT AGREEMENT BETWEEN  
THE DIVISION OF EMERGENCY MANAGEMENT AND  
ORANGE COUNTY**

This Modification Number Two is made and entered into by and between the State of Florida, Division of Emergency Management ("the Division"), and Orange County ("the Sub-Recipient") to modify Contract Number H0286, dated December 6, 2019 ("the Agreement").

WHEREAS, the Division and the Sub-Recipient have entered into the Agreement, pursuant to which the Division has provided a subgrant to the Sub-Recipient under the Hazard Mitigation Grant Program of \$187,500.00, in Federal Funds; and

WHEREAS, the Division and the Sub-Recipient desire to modify the Agreement; and

WHEREAS, the Agreement expired on June 30, 2022; and

WHEREAS, the Division and the Sub-Recipient desire to reinstate and extend the terms of the Agreement, modify the Scope of Work, and increase the Federal Funding by \$158,712.75 under the Agreement.

NOW, THEREFORE, in consideration of the mutual promises of the parties contained herein, the parties agree as follows:

1. The Agreement is hereby reinstated and extended as though it had never expired.
2. Paragraph 8 of the Agreement is hereby amended to read as follows:

**(8) PERIOD OF AGREEMENT**

This Agreement shall begin December 6, 2019 and shall end November 30, 2022, unless terminated earlier in accordance with the provisions of Paragraph (17) of this Agreement.

3. The Agreement is amended to increase the Federal Funding by \$158,712.75, for the maximum amount payable under the Agreement to \$346,212.75, (Three Hundred Forty-Six Thousand Two Hundred and Twelve Dollars and Seventy Five Cents).
4. The Budget and Scope of Work, Attachment A to this Agreement, is hereby modified as set forth in 2<sup>nd</sup> Revised Attachment A to this modification, a copy of which is attached hereto and incorporated herein by reference.
5. All provisions of the Agreement being modified and any attachments thereto in conflict with Modification shall be and are hereby changed to conform to this Modification, effective as of the date of the last execution of this Modification by both parties.
6. All provisions not in conflict with this Modification remain in full force and effect, and are to be performed at the level specified in the Agreement.

7. Quarterly Reports are due to the Division no later than 15 days after the end of each quarter of the program year and shall be sent each quarter until submission of the administrative closeout report. The ending dates of each quarter of the program year are March 31, June 30, September 30, and December 31.

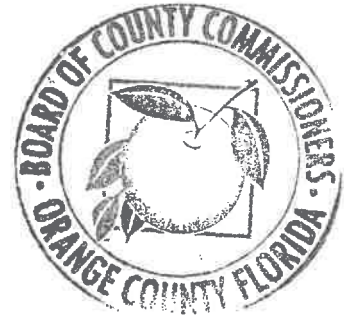
IN WITNESS WHEREOF, the parties hereto have executed this modification as of the dates set out below.

**SUB-RECIPIENT: ORANGE COUNTY**

By: Byron W. Brooks

Name and Title: Byron W. Brooks, County Administrator

Date: 1 September 2022



**STATE OF FLORIDA  
DIVISION OF EMERGENCY MANAGEMENT**

By: Laura Dhuwe

Digitally signed by Laura Dhuwe  
DN: cn=Laura Dhuwe, o=DEM, ou=Mitigation,  
email=Laura.Dhuwe@em.myflorida.com, c=US  
Date: 2022.09.24 14:12:45 -0400

Name and Title: Kevin Guthrie, Director

Date: 24-SEP-2022

**Attachment A**  
**(2nd Revision)**  
**Budget and Scope of Work**

**STATEMENT OF PURPOSE:**

The purpose of this Scope of Work is to provide protection to the intersection of Edgewater Drive and Magnolia Homes Road, Orlando, Orange County, Florida, funded through the Hazard Mitigation Grant Program (HMGP) **DR-4337-205-R**, as approved by the Florida Division of Emergency Management (Division) and the Federal Emergency Management Agency (FEMA).

The Sub-Recipient, Orange County, agrees to administer and complete the project per scope of work as submitted by the Sub-Recipient and subsequently approved by the Division and FEMA. The Sub-Recipient shall complete the work in accordance with all applicable Federal, State and Local Laws, Regulations and Codes.

**PROJECT OVERVIEW:**

As a Hazard Mitigation Grant Program project, the Sub-Recipient proposes wind protection implementing mast arm conversion to the traffic lights located at the intersection of Edgewater Drive and Magnolia Homes Road in Orlando, Florida, 32810. Coordinates (28.61650, - 81.42773).

The HMGP project scope of work proposes to upgrade the existing span wire traffic signal to mast arm traffic signal. The project includes to remove the existing span-wire and components (pole and underground infrastructure), then design, construct and install the new mast-arm signal.

The project shall provide protection against 136 MPH winds or the wind speed protection and impact requirements indicated by the effective Florida Building Code or any other applicable code at the time permits are issued. Activities shall be in strict compliance with Federal, State and Local applicable Rules and Regulations.

**TASKS & DELIVERABLES:**

**A) Tasks:**

- 1) The Sub-Recipient shall procure the services of a qualified and licensed Florida contractor and execute a contract with the selected bidder to complete the scope of work as approved by the Division and FEMA. The Sub-Recipient shall select the qualified, licensed Florida contractor in accordance with the Sub-Recipient's procurement policy as well as all Federal and State Laws and Regulations. All procurement activities shall contain sufficient source documentation and be in accordance with all applicable regulations.

The Sub-Recipient shall be responsible for furnishing or contracting all labor, materials, equipment, tools, transportation and supervision and for performing all work per sealed engineering designs and construction plans presented to the Division by the Sub-Recipient and subsequently approved by the Division and FEMA.

The Sub-Recipient and contractor shall be responsible for maintaining a safe and secure worksite for the duration of the work. The contractor shall maintain all work staging areas in

a neat and presentable condition.

The Sub-Recipient shall ensure that no contractors or subcontractors are debarred or suspended from participating in federally funded projects.

The selected contractor shall have a current and valid occupational license/business tax receipt issued for the type of services being performed.

The Sub-Recipient shall provide documentation demonstrating the results of the procurement process. This shall include a rationale for the method of procurement and selection of contract type, contractor selection and/or rejection and bid tabulation and listing, and the basis of contract price.

The Sub-Recipient shall provide an executed "Debarment, Suspension, Ineligibility, Voluntary Exclusion Form" for each contractor and/or subcontractor performing services under this agreement.

Executed contracts with contractors and/or subcontractors shall be provided to the Division by the Sub-Recipient.

The Sub-Recipient shall provide copies of professional licenses for contractors selected to perform services. The Sub-Recipient shall provide a copy of a current and valid occupational license or business tax receipt issued for the type of services to be performed by the selected contractor.

- 2) The Sub-Recipient shall monitor and manage the procurement and installation of all opening protection products in accordance with the HMGP application and associated documentation as presented to the Division by the Sub-Recipient and subsequently approved by the Division and FEMA. The Sub-Recipient shall ensure that all applicable State, Local and Federal Laws and Regulations are followed and documented, as appropriate.

The project shall protect the structure from windblown debris resulting from high windstorms which shall allow the function of the structures to continue following a severe wind event.

The Sub-Recipient shall fully perform the approved project, as described in the application, in accordance with the approved scope of work indicated herein, the estimate of costs indicated herein, the allocation of funds indicated herein, and all applicable terms and conditions. The Sub-Recipient shall not deviate from the approved project terms and conditions.

Upon completion of the work, the Sub-Recipient shall schedule and participate in a final inspection of the completed project by the local municipal or county building department (official), or other approving official, as applicable. The official shall inspect and certify that all installation was in accordance with the manufacturer's specifications. Any deficiencies found during this final inspection shall be corrected by the Sub-Recipient prior to Sub-Recipient's submittal of the final inspection request to the Division.

Upon completion of Task 2, the Sub-Recipient shall submit the following documents with sufficient supporting documentation and provide a summary of all contract scope of work and scope of work changes, if any. Additional documentation shall include:

- a) Copy of permit(s), notice of commencement.
- b) Local Building Official Inspection Report and Final Approval.
- c) All Product Specifications / Data Sheet(s) (technical standards) satisfying protection requirements on all products utilized.

d) Proof of compliance with Project Conditions and Requirements contained herein.

- 3) During the course of this agreement, the Sub-Recipient shall submit requests for reimbursement. Adequate and complete source documentation shall be submitted to support all costs (federal share and local share) related to the project. In some cases, all project activities may not be fully complete prior to requesting reimbursement of costs incurred in completion of this scope of work; however, a partial reimbursement may be requested.

The Sub-Recipient shall submit an Affidavit signed by the Sub-Recipient's project personnel with each reimbursement request attesting to the completion of the work, that disbursements or payments were made in accordance with all agreement and regulatory conditions, and that reimbursement is due and has not been previously requested.

The Sub-Recipient shall maintain accurate time records. The Sub-Recipient shall ensure invoices are accurate and any contracted services were rendered within the terms and timelines of this agreement. All supporting documentation shall agree with the requested billing period. All costs submitted for reimbursement shall contain adequate source documentation which may include but not be limited to: cancelled checks, bank statements, Electronic Funds Transfer, paid bills and invoices, payrolls, time and attendance records, contract and subcontract award documents.

Construction Expense: The Sub-Recipient shall pre-audit bills, invoices, and/or charges submitted by the contractors and subcontractors and pay the contractors and subcontractors for approved bills, invoices, and/or charges. Sub-Recipient shall ensure that all contractor/subcontractor bills, invoices, and/or charges are legitimate and clearly identify the activities being performed and associated costs.

Project Management Expenses (only applies to disasters prior to August 1, 2017, all others adhere to FEMA Policy #104-11-1 for SRMC): The Sub-Recipient shall pre-audit source documentation such as payroll records, project time sheets, attendance logs, etc. Documentation shall be detailed information describing tasks performed, hours devoted to each task, and the hourly rate charged for each hour including enough information to calculate the hourly rates based on payroll records. Employee benefits shall be clearly shown.

The Division shall review all submitted requests for reimbursement for basic accuracy of information. Further, the Division shall ensure that no unauthorized work was completed prior to the approved project start date by verifying vendor and contractor invoices. The Division shall verify that reported costs were incurred in the performance of eligible work, that the approved work was completed, and that the mitigation measures are in compliance with the approved scope of work prior to processing any requests for reimbursement.

Review and approval of any third-party in-kind services, if applicable, shall be conducted by the Division in coordination with the Sub-Recipient. Quarterly Reports shall be submitted by the Sub-Recipient and received by the Division at the times provided in this agreement prior to the processing of any reimbursement.

The Sub-Recipient shall submit to the Division requests for reimbursement of actual construction and managerial costs related to the project as identified in the project application, and plans. The requests for reimbursement shall include:

- a) Contractor, subcontractor, and/or vendor invoices which clearly display dates of services performed, description of services performed, location of services performed, cost of services performed, name of service provider and any other pertinent information;
- b) Proof of payment from the Sub-Recipient to the contractor, subcontractor, and/or vendor for invoiced services;

- c) Clear identification of amount of costs being requested for reimbursement as well as costs being applied against the local match amount.

The Sub-Recipient's final request for reimbursement shall include the final construction project cost. Supporting documentation shall show that all contractors and subcontractors have been paid.

**B) Deliverables:**

Mitigation Activities consist of providing protection to the intersection of Edgewater Drive and Magnolia Homes Road, Orlando, Florida 32810, by removing the existing span-wire and components, then designing, constructing, and installing the new mast arm.

The project shall provide protection against 136 MPH winds or the wind speed protection and impact requirements indicated by the effective Florida Building Code at the time permits are issued.

Provided the Sub-Recipient performs in accordance with the Scope of Work outlined in this Agreement, the Division shall reimburse the Sub-Recipient based on the percentage of overall project completion.

**PROJECT CONDITIONS AND REQUIREMENTS:**

**C) Engineering:**

- 1) The Sub-Recipient shall submit to the Division an official letter stating that the project is 100% complete and ready for the Division's Final Inspection of the project.
- 2) The Sub-Recipient shall provide a copy of the Notice of Commencement, and any local official Inspection Report and/or Final Approval, as applicable.
- 3) The Sub-Recipient shall submit all Product Specifications / Data Sheet(s) (technical standards) satisfying protection requirements on all products utilized.
- 4) All installations shall be done in strict compliance with the Florida Building Code or Miami Dade Specifications. All materials shall be certified to meet or exceed the wind and impact standards of the current local codes.
- 5) Product Specifications documentation satisfying protection requirements for all products utilized shall be provided to the Division for closeout.

**D) Environmental:**

- 1) The Sub-Recipient shall follow all applicable state, local and federal laws, regulations and requirements, and obtain (before starting project work) and comply with all required permits and approvals. Failure to obtain all appropriate federal, state, and local environmental permits and clearances may jeopardize federal funding. If project is delayed for a year or more after the date of the categorical exclusion (CATEX), then coordination with and project review by regulatory agencies must be redone.
- 2) Any change, addition or supplement to the approved mitigation measure or scope of work that alters the project (including other work not funded by FEMA, but done substantially at the same time) shall require resubmission to the Division and FEMA for revaluation of compliance with the National Environmental Protection Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA) prior to initiation of any work. Non-compliance with these requirements may jeopardize FEMA's ability to fund this project. A change in the scope of

work shall be approved by the Division and FEMA in advance regardless of the budget implications.

- 3) If any ground disturbance activities occur during construction, the Sub-Recipient shall monitor ground disturbance during construction, and if any potential archeological resources are discovered, shall immediately cease construction in that area and notify the Division and FEMA.
- 4) Construction vehicles and equipment used for this project shall be maintained in good working order to minimize pollutant emissions.

**E) Programmatic:**

- 1) The Sub-Recipient must notify the Division as soon as significant developments become known, such as delays or adverse conditions that might raise costs or delay completion, or favorable conditions allowing lower costs or earlier completion.
- 2) The Division and FEMA shall approve a change in the scope of work in advance, regardless of the impact to the budget.
- 3) The Sub-Recipient must "obtain prior written approval for any budget revision which would result in a need for additional funds" [44 CFR 13(c)], from the Division and FEMA.
- 4) Any extension of the Period of Performance shall be submitted to FEMA 60 days prior to the expiration date. Therefore, any request for a Period of Performance Extension shall be in writing and submitted, along with substantiation of new expiration date and a new schedule of work, to the Division a minimum of seventy (70) days prior to the expiration date, for Division processing to FEMA.
- 5) The Sub-Recipient must avoid duplication of benefits between the HMGP and any other form of assistance, as required by Section 312 of the Stafford Act, and further clarification in 44 CFR 206.191.
- 6) A copy of the executed subcontract agreement must be forwarded to the Division within 10 days of execution.
- 7) Project approval is with the condition that the tasks, deliverables, and conditions be accomplished and submitted 30 days prior to the Period of Performance date, for review and approval by the Division, for submittal to FEMA for Closeout.

This is FEMA project number **4337-205-R**. It is funded under HMGP, FEMA-4337-DR-FL and must adhere to all program guidelines established for the HMGP in accordance with the PAS Operational Agreement for Disaster 4337.

FEMA awarded this project on July 19, 2019; this Agreement was executed on December 6, 2019; and the Period of Performance for this project shall end on **November 30, 2022**.

**F) FINANCIAL CONSEQUENCES:**

If the Sub-Recipient fails to comply with any term of the award, the Division shall take one or more of the following actions, as appropriate in the circumstances:

- 1) Temporarily withhold cash payments pending correction of the deficiency by the Sub-Recipient;
- 2) Disallow all or part of the cost of the activity or action not in compliance;



- 3) Wholly or partly suspend or terminate the current award for the Sub-Recipient's program;
- 4) Withhold further awards for the program; or
- 5) Take other remedies that may be legally available.

#### **SCHEDULE OF WORK**

State Contracting:	4 Months
Construction Plan/Technical Specifications:	4 Months
Bidding / Local Procurement:	4 Months
Permitting:	3 Months
Construction / Installation:	15 Months
Local Inspections / Compliance:	3 Months
State Final Inspection / Compliance:	4 Months
Closeout Compliance:	4 Months
<b>Total Period of Performance:</b>	<b>41 Months</b>

#### **BUDGET**

##### **Line Item Budget\***

	<b>Project Cost</b>	<b>Federal Cost</b>	<b>Non-Federal Cost</b>
Materials:	\$312,330.00	\$234,247.50	\$78,082.50
Labor:	\$85,934.00	\$64,450.50	\$21,483.50
Fees:	\$63,353.00	\$47,514.75	\$15,838.25
<b>Initial Agreement Amount:</b>	<b>\$461,617.00</b>	<b>\$346,212.75</b>	<b>\$115,404.25</b>
***Contingency Funds:	\$0.00	\$0.00	\$0.00
<b>Project Total:</b>	<b>\$461,617.00</b>	<b>\$346,212.75</b>	<b>\$115,404.25</b>

*\*Any line item amount in this Budget may be increased or decreased 10% or less, with the Division's approval, without an amendment to this Agreement being required, so long as the overall amount of the funds obligated under this Agreement is not increased.*

**\*\*\* This project has an estimated \$0.00 in contingency funds.** Per FEMA Hazard Mitigation Assistance Guidance Part VI, D.3.4 – Contingency funds are not automatically available for use. Prior to their release, contingency funds must be re-budgeted to another direct cost category and identified. Post-award changes to the budget require prior written approval from the Division (FDEM). The written request should demonstrate what unforeseen condition related to the project arose that required the use of contingency funds.

*Project Management costs are included for this project in the amount of \$0.00*

**Funding Summary Totals**

Federal Share:	\$346,212.75	(75.00%)
Non-Federal Share:	\$115,404.25	(25.00%)
<b>Total Project Cost:</b>	<b>\$461,617.00</b>	<b>(100.00%)</b>