

DEP AGREEMENT NO. **R1810**
CHANGE ORDER NO. #1

GRANTEE

Nassau County Board of County Commissioners
93161 Nassau Place
Yulee, FL 32097

DEP Agreement No. **R1810** as entered into on the 5th day of February 2019, is hereby revised as follows:

1. **Attachment A, Grant Work Plan, Project Timeline** is hereby deleted in its entirety and replaced with the following:

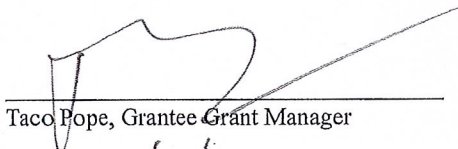
Total Project Timeline:

Task/ Deliverable No.	Task or Deliverable Title	Task Start Date	Task End Date	Deliverable Due Date	Task Amount
1	Consultant Selection Process (Quotes, Selection, Procurement)	1/1/2019	1/31/2019	1/31/2019	\$0
2	Initial Kickoff Meeting and Planning Discussion	2/1/2019	2/21/2019	2/21/2019	\$0
3	Data Collection and Work on Draft Vulnerability Assessment	2/22/2019	4/12/2019	4/12/2019	\$20,000
4	Review Draft Assessment and Conduct Outreach Around Assessment	4/12/2019	5/14/2019	5/14/2019	\$10,000
5	Incorporate Outreach and Complete Final Assessment	5/1/2019	6/10/2019	6/10/2019	\$5,000
6	Transmit Final Plan to DEP For Review	6/11/2019	6/21/2019	6/21/2019	\$5,000

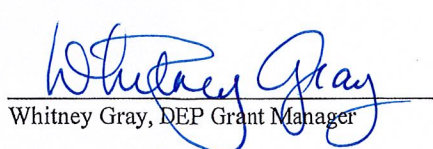
All other terms and conditions of the Agreement shall remain unchanged.

NASSAU COUNTY BOARD OF COUNTY
COMMISSIONERS

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Taco Pope, Grantee Grant Manager

Date: 4/5/19


Whitney Gray, DEP Grant Manager

Date: 4/8/19

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
GRANT WORK PLAN
DEP AGREEMENT NO.: R1810**

ATTACHMENT 3

Project Title: Nassau County Vulnerability Assessment: Phase I

Grantee Contact Information

Organization Name: Nassau County Board of County Commissioners
Chief Elected Official or Agency Head: Pat Edwards
Title: Chairman
Address: 96135 Nassau Place
City: Yulee
Zip Code: 32097
Area Code and Telephone Number: (904) 530-6010
E-mail Address: pedwards@nassaucountyfl.com

Grant Manager Contact Information:

Organization Name: Same as above
Chief Elected Official or Agency Head: Taco Pope, AICP
Title: Director, Planning and Economic Opportunity
Address: 96161 Nassau Place
City: Yulee
Zip Code: 32097
Area Code and Telephone Number: (904) 530-6300
E-mail Address: tpope@nassaucountyfl.com

Fiscal Agent Contact Information:

Organization Name: Nassau County Clerk of Courts
Chief Elected Official or Agency Head: John Crawford
Title: Clerk
Address: 76347 Veterans Way
City: Yulee
Zip Code: 32097
Area Code and Telephone Number: (904) 548-4500
E-mail Address: jcrawford@nassauclerk.com

FEID No.: 59-1863042

DUNS No.: 829978514

PROJECT LOCATION: Nassau County

WORK PLAN

1. Project Abstract:

Nassau County is applying for a Resilience Planning Grant (RPG) to conduct a vulnerability assessment for two specific areas of the County: 1) east of I-95 on the mainland, and 2) west of I-95 south and west of A1A/SR 200/301. These areas represent portions of the County experiencing the most rapid growth and development pressures, and lands that are highly vulnerable due to extensive floodplain and wetland areas. Another critical reason for conducting a high-level vulnerability assessment is that significant portions of these areas have not had Flood Insurance Studies (FIS) conducted and there are no Base Flood Elevations (BFEs) for these parts of the County. Major long-range planning efforts are currently being conducted for these regions of the County, and a vulnerability assessment would help inform these efforts and future planning by Nassau County. The County has a goal of holistically incorporating resiliency planning into all planning activities, instead of treating it as a siloed, separate planning exercise.

2. Project Description:

Nassau County is applying for a Resilience Planning Grant (RPG) to conduct a Vulnerability Assessment for two specific areas of the County: 1) east of I-95 on the mainland, and 2) west of I-95 south and west of A1A/SR 200/301. Amelia Island is not included in the request due to existing Vulnerability Assessment work conducted in 2013, and the remainder of western Nassau is not included at this time in order to keep the scope of work manageable for purposes of the grant time period. It is anticipated that the remainder of Western Nassau would be addressed through a second phase Vulnerability Assessment in the future.

Flooding, stormwater, drainage are top of mind with elected officials and community based on recent storm events like Matthew and Irma, but also because of everyday flooding after typical summer thunderstorms. It is not uncommon to hear on a weekly basis from citizens in the county regarding road flooding issues or that they have been dropped from their flood insurance. The community has indicated they are ready for action. A Vulnerability Assessment for our rapidly growing areas, and areas with demonstrated existing flooding issues, will help us better prepare in Nassau County and will dovetail well with existing long-range planning projects that are underway.

Nassau County Planning and Economic Opportunity (PEO) Department staff are working on numerous long-range planning initiatives in the proposed project areas. The timeline for these projects is roughly all over the next 18-24 months. Having a Vulnerability Assessment conducted now is an opportune time to make sure we are adequately addressing future impacts of flooding and SLR as the County progresses on these planning projects. This not only helps the County plan for our citizens, it will also help the County plan internally in terms of siting future infrastructure projects. Projects underway include:

- **SR200/A1A Corridor Design Plan:** approximately thirteen-mile project area from west of I-95 to the Intercoastal Waterway.
- **William Burgess District Connectivity Blueprint:** future transportation and infrastructure planning for the William Burgess District just east of I-95.
- **Western Nassau Heritage Preservation:** long-range vision plan for land use for the entire portion of the County west of I-95.

- **Recreation:** Long-range planning for future neighborhood and regional recreation needs in Nassau County.
- **Conservation Land Acquisition:** Conducting priority mapping and convening task force of experts to assist in goals related to conservation land acquisition.
- **Updating Development Review Regulations:** Completing substantive overhaul of development review regulations in the County Land Development Code.
- **Cultural Resources Survey Grant:** Applied for state grant to have comprehensive cultural resource survey completed for the unincorporated County and towns of Hilliard and Callahan.
- **School Board Growth and Land Use Committee:** Participating in discussions with the School Board related to future growth and school siting.
- **Updating Comprehensive Plan with Peril of Flood Requirements:** PEO staff will be drafting and forwarding Comprehensive Plan updates in Fall 2018.

These projects are directly related to projected growth trends for Nassau County. In Spring 2018, the PEO Department released a Growth Trends report with projections relative to population and potential future land areas expected to be impacted as a result of this growth. The proposed areas for this Vulnerability Assessment, which are areas of existing population concentration and growth, are projected to be the areas continuing to grow over the next ten years. Additionally, the East Nassau Community Planning Area (Wildlight) is in the proposed Vulnerability Assessment area. This 50-year plan will result in a significant increase only in terms of population and developed land area.

Incorporating resiliency into all of these planning efforts represents the holistic planning approach the County wishes to see implemented. In addition, there are other specific projects related to floodplain management and resiliency that PEO staff is working on, or has suggested for implementation. A memo relaying these projects is provided as an attachment to this application.

Specific areas to address in the Vulnerability Assessment for the proposed areas include: future exposure to existing developed areas and future areas, financial exposure, and risks to significant environmental and cultural resources. A Vulnerability Assessment can help the County identify focus areas and areas for potential Adaptation Action Areas, which can be incorporated into the County's Comprehensive Plan, but also any of the related long-range planning projects. Because of the high level of community interest, the County envisions outreach opportunities as part of the assessment process especially around the focus areas and sharing information from the assessment. An example would be to host a minimum of two information giving and gathering sessions in areas the County knows are already experiencing routine flooding issues. Additional outreach materials could be created by PEO staff for distribution after the assessment is complete.

The County's PEO Department has a diverse team of professionals with varied backgrounds who can take information from a Vulnerability Assessment and start thinking about adaptation strategies and policy. But assistance is very much needed with technical components like a Vulnerability Assessment. PEO staff envisions adopting adaptation strategies holistically throughout many of the existing planning projects underway, in addition to the Comprehensive Plan, so that policies are not relegated to a siloed plan that sits on a shelf.

3. Budget Summary:

	Grant
AGREEMENT TOTAL	\$ 40,000

TOTAL GRANT FUNDS

Categories	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	TOTAL BY CATEGORY
Contractual	\$0	\$0	\$20,000	\$10,000	\$5,000	\$5,000	\$40,000
SUB-TOTAL BY TASK	\$0	\$0	\$20,000	\$10,000	\$5,000	\$5,000	\$40,000

4. Project Timeline: The tasks must be completed by the corresponding task end date and all deliverables must be received by the designated due date.

Task No.	Task or Deliverable Title	Task Start Date	Task End Date	Deliverable Due Date	Funding Amount
1	Consultant Selection Process (Quotes, Selection, Procurement)	1/1/2019	1/31/2019	1/31/2019	\$0
2	Initial Kickoff Meeting and Planning Discussion	2/1/2019	2/8/2019	2/8/2019	\$0
3	Data Collection and Work on Draft Vulnerability Assessment	2/11/2019	3/29/2019	4/1/2019	\$20,000
4	Review Draft Assessment and Conduct Outreach Around Assessment	4/2/2019	4/30/2019	4/30/2019	\$10,000
5	Incorporate Outreach and Complete Final Assessment	5/1/2019	6/10/2019	6/10/2019	\$5,000
6	Transmit Final Plan to DEP For Review	6/11/2019	6/21/2019	6/21/2019	\$5,000

Tasks & Deliverables

Task 1

Title: Consultant Selection Process (Quotes, Selection, Procurement)

Description: Work with County Contract Manager to Quote and Select Consultant

Deliverable: Contract to Complete Vulnerability Assessment

Due Date: January 31, 2019

Performance Measure: The Department will review the Methodology and Results Memorandum to ensure it meets the specifications provided in the Task Description, above.

Funding for Task: \$0

Task 2

Title: Initial Kickoff Meeting and Planning Discussion

Description: Meet with Consultant to Discuss Scope of Work and Schedule

Deliverable: Project Timeline and Final Scope

Due Date: February 8, 2019

Performance Measure: The Department will review the Methodology and Results Memorandum to ensure it meets the specifications provided in the Task Description, above.

Funding for Task: \$0

Task 3

Title: Data Collection and Work on Draft Vulnerability Assessment

Description: Consultant to Gather Data and Complete Draft Assessment

Deliverable: Draft Vulnerability Assessment

Due Date: April 1, 2019

Performance Measure: The Department will review the Methodology and Results Memorandum to ensure it meets the specifications provided in the Task Description, above.

Funding for Task: \$20,000

Task 4

Title: Review Draft Assessment and Conduct Outreach Around Assessment

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Description: PEO Staff to Provide Comments & Conduct Outreach with Consultant

Deliverable: PEO Staff Comments and Feedback from Community Outreach

Due Date: April 30, 2019

Performance Measure: The Department will review the Methodology and Results Memorandum to ensure it meets the specifications provided in the Task Description, above.

Funding for Task: \$10,000

Task 5

Title: Incorporate Outreach and Complete Final Assessment

Description: Consultant to Complete Final Assessment

Deliverable: Final Vulnerability Assessment (Provided in Electronic Format/Hard Copy, and with Any Associated Data Files – GIS Shapefiles, etc.)

Due Date: June 10, 2019

Performance Measure: The Department will review the Methodology and Results Memorandum to ensure it meets the specifications provided in the Task Description, above.

Funding for Task: \$5,000

Task 6

Title: Transmit Final Plan to DEP for Review

Description: PEO Staff to Submit Final Assessment to DEP for Review

Deliverable: Final Vulnerability Assessment

Due Date: June 21, 2019

Performance Measure: The Department will review the Methodology and Results Memorandum to ensure it meets the specifications provided in the Task Description, above.

Funding for Task: \$5,000