

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
GRANT WORK PLAN
DEP AGREEMENT NO.: R2109**

ATTACHMENT 3

I. TITLE PAGE

1. PROJECT TITLE: Resilience Plan

2. GRANTEE Contact Information:

Organization Name: City of Venice, Florida

Name of Authorized Signer: Ron Feinsod

Title: Mayor

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3. GRANT MANAGER Contact Information:

Organization Name: City of Venice

Name: Kathleen Weeden

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4. FISCAL AGENT Contact Information:

Organization Name: City of Venice

Name: Linda Senne, Finance Director

Title: Brenda Westlake, Grants Manager

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5. FEID No. (a.k.a. Tax ID#): 59-6000443 Seq No. 002

6. WORK PERFORMED BY: (Select only one)

 Grantee ONLY
 X Subcontractor ONLY
 BOTH the Grantee & Sub-Contractor
 To Be Determined

7. SUBCONTRACTORS CONTACT INFORMATION: *(If applicable & known)*

Organization Name: Taylor Engineering, Inc.
Name: Jenna N. Phillips
Title: Project Engineer/Regional Office Lead
Address: 1800 2nd St., Suite 714
City: Sarasota
Zip Code: 34236
Area Code and Telephone Number: 941-702-5871
E-mail Address: jphillips@taylorengeering.com

8. PROJECT LOCATION:

A. List of County(ies): Sarasota

B. List of City(ies)/Town(s)/Village(s): City of Venice

C. State Lands Lease Agreement Number(s): N/A

Provide lease agreement number(s) for any work that will be performed on State Lands. If work will not be on any state lands, please indicate N/A.

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II. WORK PLAN

9. **PROJECT SUMMARY:** The City of Venice desires to investigate the increased risks caused by sea level rise within their coastal community. A recent National Institute of Building Sciences study shows that every \$1 spent on hazard mitigation saves the nation \$6 in future disaster costs. The City of Venice wants to show good fiscal stewardship by planning to be more resilient. This project will develop a Resilience Plan, consisting of a vulnerability assessment and adaptation strategies for public assets and critical infrastructure. Draft language will be developed for the City's Comprehensive Plan to comply with the "Peril of Flood" statute.
10. **PROJECT DESCRIPTION:** The City of Venice desires to become more resilient and reduce the impacts of sea level rise and flood events by improving the community's ability to 'bounce back' quicker. The first step to building resiliency is to conduct a detailed vulnerability assessment to determine what assets and resources are at risk to sea level rise and climate change impacts. The vulnerability assessment will identify how and to what degree the City's assets and critical infrastructure are vulnerable to climate impacts and sea level rise. The assessment will employ NOAA sea level rise projections, FEMA storm surge depth grids, LiDAR digital elevation models (DEM), and City and County GIS datasets to assess the vulnerability of Venice's public assets and infrastructure to a changing climate.

The goal of the vulnerability assessment is to identify at-risk assets by assessing their exposure, sensitivity, and adaptive capacity and then prioritizing them with the help of City staff and public input. Sensitivity levels indicate the degree to which an asset might be at risk by determining how much exposure it receives. Adaptive capacity reflects an asset's ability to respond positively to climate variability or extreme events. Both indicators combine for an overall vulnerability ranking that reflects how susceptible the systems or sub-systems are to the effects of climate change. Infrastructure includes transportation like roads, bridges, and airports while utilities include water supplies, wastewater management, and stormwater management. Natural infrastructure and environmental resources include water bodies and waterways, seagrass beds, oyster reefs, and mangrove estuarine habitat.

The goal of the adaptation and resilience strategies task is to identify implementable action steps for the City's prioritized vulnerable assets within these categories:

- **Protection:** Structurally defensive measures that directly protect vulnerable structures, allowing them to be left largely unaltered.
- **Accommodation:** Strategies that alter the physical design of vulnerable structures to allow the structure or land used to stay in place with modification.
- **Managed Retreat:** Relocation from areas or infrastructure where protection or accommodation will not be efficient or effective.
- **Avoidance:** Guiding new development away from areas that are subject to coastal hazards.

Draft changes to the City's Comprehensive Plan will also be produced as part of the adaptation and resilience strategies. The Comprehensive Plan is designed as a blueprint for the City, establishes the regulatory framework for growth, and is used as a guide for land use decision making. Local governments must relate all development decisions to the plan and not approve any development programs or actions that would be inconsistent with it. The plan must be firm enough to provide adequate direction, yet flexible enough to deal with new problems and challenges. A key to decision making regarding development and protection of natural resources in the City is an understanding of those resources that are at risk to sea level rise and climate change impacts. The City's Resilience Plan will be used to draft changes to the City's Comprehensive Plan to guide planning and resource management decisions.

The public will be engaged via a public outreach meeting, survey, and the development of a webpage for the City of Venice. The City's Environmental Advisory Committee (EAC) will provide inputs to maximize

these public outreach strategies. The website will provide basic information on climate change impacts, sea level rise, and uploads of this project's products, including the vulnerability assessment, interactive maps showing current future flood risks, adaptation strategies, and the final resilience plan report.

11. PROJECT NEED AND BENEFIT:

A. Explain the demonstrated need, which the project addresses. The City of Venice desires to investigate the increased risks caused by sea level rise on this coastal community. A recent National Institute of Building Sciences study shows that every \$1 spent on hazard mitigation saves the nation \$6 in future disaster costs. The City of Venice wants to show good fiscal stewardship by planning to be more resilient. Sarasota County conducted a climate change vulnerability assessment and adaptation plan in 2016 to determine which assets and critical infrastructure will be affected by future sea level rise. Venice intends to build off the county's study, leveraging this data to inform their resilience plan.

The City of Venice is particularly at risk to rising seas due to its low elevation and proximity to the Gulf of Mexico, Roberts Bay and the Intracoastal waterway. In addition, many of the city's neighborhoods were constructed utilizing canal systems and lakes, making them particularly susceptible to changes in sea level. The City's low-lying streets, low and deteriorating seawalls, a lack of greenspace, and aging infrastructure make the particularly vulnerable to increasing seas.

Coastal community infrastructures are fixed in place and built to withstand a certain level of storm surge but were not built to accommodate vast increases in sea level rise nor the cumulative effect sea level rise and more frequent/more intense storms. Concern over the functionality of the City's stormwater system is of concern, as flooding is already very prevalent. Over time these buildings and stormwater infrastructure could begin to deteriorate or be damaged to the point of collapsing.

The closest NOAA tidal gauge is located at St. Petersburg, Florida. The linear sea level rise at this gauge shows a 2.78 mm/year rise, which equates to almost 1 foot every 100 years. Global warming has progressively caused sea level rise to accelerate and the additional rise makes flooding in low level areas of Florida more severe. The southwest coastline of Florida has a moderate to high vulnerability to sea level rise, as forecast by both NOAA and USACE sea level rise projection curves. Nuisance flooding will continue occurring as sea level rises and King Tides increase in size during the tidal cycle. The outcome of continued flooding will erode beaches at a faster pace, result in road closures, cause sewage overflows, and negatively impact intertidal reefs and mangrove estuaries.

The City of Venice is a key part of Sarasota County's tourism industry, which boasts 2.7 million visitors in FY2018 and includes \$1.84 billion in direct expenditures from visitors. It's known as the "Shark Tooth Capital of the World" and was named one of Coastal Living's "Happiest Seaside Towns in America" in 2015. The economy relies on visitors to increase revenue for the city, but the effects of sea level rise, climate change, and increased temperatures could show a decrease in visitors and revenue over time. The City's Utilities Department also provides high-quality drinking water to approximately 11,000 connections and services over 22,000 customers. The City's utility services include potable water treatment and distribution, wastewater collection and treatment and reuse water distribution. The City's utilities department is also responsible for repair and maintenance of more than 350 miles of underground water, sewer, and reuse mains. Flooded areas would limit access to the potable water system concerning system maintenance related to water main repairs and reading the water meters. Health and safety of the public would be jeopardized if the Fire Department could not locate fire hydrants for fire protection. Located directly adjacent to the Gulf of Mexico, the Venice Municipal airport is a general aviation facility and a key driver of regional tourism and business, medical evacuation, search and rescue, law enforcement, and flight training. The airport is 835 acres in size and played a vital role in development and economy of the City after the Florida land boom of

the 1920's, during World War II and throughout the years the followed. However, the airport is also vulnerable due to its proximity to the open coast situated directly on the Gulf of Mexico.

- B. Explain how the proposed project meets the purpose of one or more of the Goals and Priorities for FRCP.** The proposed project for the City of Venice aims to meet all four of the priority areas outlined by FDEP for Resilience Planning Grants. First, the assessment will employ NOAA sea level rise projections, FEMA storm surge depth grids, LiDAR digital elevation models (DEM), and City and County GIS datasets to assess the vulnerability of Venice's public assets and infrastructure to a changing climate and identify at-risk assets by assessing their exposure, sensitivity, and adaptive capacity and then prioritizing them with the help of City staff and public input. This analysis will then be utilized to draft changes to the City's Comprehensive Plan to reflect the most current data in regard to sea level rise and adaptation strategies. This new draft language for the Comprehensive Plan will be developed to comply with the "Peril of Flood" statute (Sec. 163.3178(2)(f) F.S.) for communities with a Coastal Management Element. In order to encourage regional collaborative efforts, the public as well as the City's Environmental Advisory Committee will be engaged to provide input to maximize collaborative strategies within the city and across the region.
- C. Discuss how the project is feasible and can be completed by the grant period deadline.** The project proposed herein is feasible and will be completed by the grant reporting deadline. Upon award status, we will engage the City's consultant, Taylor Engineering, Inc., who has experience in this field of working with communities to address climate adaptation within the confines the guidelines placed by FDEP, the City of Venice is confident that the project timeline and objective will be met. The City has an active Environmental Advisory Committee to further guide the projects in the necessary direction.
- D. Explain how this project is addressing social vulnerability or vulnerability of historic resources or stormwater management systems.** Task 2 of the work plan will specifically address possible exposure and a sensitivity analysis of the City's stormwater systems as well as any historic resources and vulnerable populations. Using the City's GIS stormwater data base, future sea level rise scenarios will allow identification of the area's most vulnerable infrastructure and allow the City to create a proposal to implement adaptation strategies to alleviate future exposure. In collaboration with the Department of Historical Resources and the Historic Preservation Board, structures that are of identified of interest can be mapped and then assessed for exposure in a similar manner as other vulnerable infrastructure. Again, the exposure analysis can be used to inform future strategies that could include protection, accommodation, or managed retreat for historic resources. Again, City data, public workshops, along with Census data can be utilized to identify vulnerable populations with the same procedures for identifying possible exposure will be conducted.

12. DESCRIPTION OF PROJECT OUTCOMES:

The project will result in the following outcomes:

- Following thorough review existing GIS data, information regarding regional and local climate change impacts and comprehensive plan including Coastal High Hazard Area (CHAA) and other appropriate sections; a vulnerability model analysis will identify geographic "focus" areas within the City that are most vulnerable to flooding based on various storm scenarios.
- Upon completion of the vulnerability assessment, the City will evaluate the level of exposure and sensitivity analyses for City infrastructure and assets within those focus areas.
- A matrix of adaptation and resilience strategies will be developed for each of the critical infrastructure and assets identified within the priority focus areas, to include the adaptive capacity of each asset.
- Community and stakeholder engagement are the key to the City's success for resiliency planning and implementation. A range of platforms such as public workshops, emails development of a website and possible online or mailer surveys, will be used to engage the community, solicit

feedback, and incorporate stakeholder feedback into the overall plan. This feedback will be encouraged and solicited early and throughout the project process.

- Develop a Final resilience plan report that includes vulnerability analysis results, climate change and sea level rise adaptation strategies, and Comprehensive Plan recommendations to address resilience and comply with “Peril of Flood” statutes.

13. BUDGET SUMMARY: Allowable budget categories and form of payment with the costs for this project are listed in the table below.

BUDGET SUMMARY BREAKDOWN

Budget Categories	Payment	Task 1	Task 2	Task 3	Task 4	Task 5	Grant Amount Awarded
Salaries & Fringe	Fixed Price	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services*	Fixed Price	\$10,000	\$30,000	\$15,000	\$10,000	\$10,000	\$75,000
GRANT AGREEMENT TOTAL		\$10,000	\$30,000	\$15,000	\$10,000	\$10,000	\$75,000

A. Describe how the project costs was determined: Refer to project timeline for the breakdown of task and associate fees for the grant amount requested.

B. Contractual Services Selection*: Upon a selected Sub-Contractor(s) (if applicable), the Grantee will Provide a signed certification statement giving a description of the procurement process that was utilized for the selection of the sub-contractors. The description must include:

- What procurement process was utilized
- Justification as to how & why you made your final selection.
- For competitively obtained Sub-Contractor also include:
 - A list of all entities that you received bids/quotes from,
 - Names and addresses of those entities that provided bids/quotes,
 - Actual amounts of the bids/quotes that were submitted.

14. PROJECT TIMELINE: All tasks are to be completed and submitted no later than the task/deliverable due date listed in the table below. Requests for any change must be submitted prior to the current task/deliverable due date listed in the project timeline. Requests are to be sent via separate email to the Department’s Grant Manager, with the details of the request being made and the reason for the request.

PROJECT TIMELINE

Task No.	Task Title	Task Duration (Weeks)	Deliverable Due Date	Task Amount
1	Background Review & Data Identification	12	01/15/2021	\$10,000
2	Vulnerability Assessment	12	02/28/2021	\$30,000
3	Adaptation & Resilience Strategies	8	03/31/2021	\$15,000
4	Public Outreach & Website	6	03/31/2021	\$10,000
5	Final Resilience Plan Report	4	04/30/2021	\$10,000
Total				\$75,000

15. PERFORMANCE MEASURES: The Grantee will submit all deliverables for each task via **one pdf document** to the Department’s Grant Manager on or before the Task/Deliverable Due Date listed in the Project Timeline. The Department’s Grant Manager will review the task/deliverables to verify that they meet the specifications in the Grant Work Plan and this task description, to include any work being performed by any sub-contractor(s). Upon review and written acceptance by the Department’s

Grant Manager of all deliverables under this task, the Grantee may proceed with payment request submittal.

- 16. CONSEQUENCES FOR NON-PERFORMANCE:** The Department will reduce each Task Funding Amount by 5% for every day that the task/deliverable(s) is not received on the specified due date in the most recent Project Timeline, for the Agreement. Should a Change Order or Amendment be requested on the date of or after the most current task/deliverable due date, the 5% reduction of that Task Funding Amount will be imposed until the date of the requested change is received, via email by the Department.
- 17. PAYMENT REQUEST SCHEUDLE:** Grantee may submit a request for the Task Funding Amount to be paid using the Exhibit C, after all deliverables for that task have been approved by the Department. Request(s) for payment must include the Exhibit A showing 100% completion of that task and must be submitted within 45 days of the task/deliverable due date. Please refer to the [website Grants page](#) for “How to Request Payment”, and “Checklist for Requesting Payment”.

Or

Grantee may submit one request for the Grant Amount Awarded, by using the Exhibit C, after the project is 100% completed. The request for the Grant Amount Awarded, must include an Exhibit A showing 100% completion for all tasks, and must be submitted within 45 days of the last task/deliverable due date.

- 18. FUNDING SOURCE:** Grantee agrees to include on all publications, printed reports, audiovisuals (including videos, slides, and websites except that unless required under special terms of this Agreement, this requirement does not apply to audiovisuals produced as research instruments or for documenting experimentation or findings and which are not intended for presentation to the general public) or similar materials must include the DEP logo (which can be found on the Department’s website at <https://floridadep.gov/resilience> or by contacting the Department’s Grant Manager for a copy) and the following statement on, the following language.

“This work was funded in part through a grant agreement from the Florida Department of Environmental Protection, Florida Resilient Coastlines Program, by a grant provided by the Office of Resilience and Coastal 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.”

The next printed line shall identify the month and year of the publication.

III. TASKS & DELIVERABLES

Task #1

- A. Title:** Background Review and Data Identification
- B. Goal:** The subcontractor will review existing GIS data, information regarding regional and local climate change impacts and the City’s Comprehensive Plan including Coastal High Hazard Area (CHAA) and other appropriate sections. They will then identify available GIS data related to the City’s infrastructure and determination of which to include and evaluate in the vulnerability assessment

- C. Description:** The subcontractor, Taylor Engineering, Inc. will analyze the most recent data available from the Intergovernmental Panel on Climate Change (IPCC), the 2019 National Climate Assessment, and the National Oceanic and Atmospheric Administration (NOAA) Sea Level Rise Projections. In addition, relevant NOAA tide gauge data and other regional climate change reports will be considered for this analysis.

The subcontractor will work directly with the City of Venice to identify critical public infrastructure within City limits. This critical infrastructure may include key transportation routes, hospitals, police and fire stations, schools, stormwater, wastewater, water supply, utilities, the airport, natural resources, and cultural resources susceptible to coastal flooding. This collaboration will include phone conferences, in-person meetings, and site visits with City staff to assess key infrastructure to be considered for climate adaptation. Site visits will also be included since they are necessary to prioritize areas that are most vulnerable *and* most practical for climate adaptation. For example, a quantifiable measure of ‘vulnerability’ may simply be the intercept of low-lying assets with a Mean Sea Level threshold. The scope of these visits will be tailored based on input and direction resulting from the dialogue with City and the City’s Environmental Advisory Committee (EAC).

The City and County GIS datasets will be assessed for the depth and breadth of information available to aid in the identification of publicly owned assets and critical infrastructure. The vulnerability assessment relies on the accuracy and completeness of the available GIS data. No new data will be collected for this project, but data gaps will be identified if the City intends to pursue future phases of climate adaptation planning.

- D. Deliverable(s):** The Grantee will submit all deliverables for each task via **one pdf document** to the Department’s Grant Manager on or before the Task/Deliverable Due Date listed in the Project Timeline.
- 1) Memo summarizing proposed infrastructure to be included and evaluated in the climate vulnerability assessment
 - 2) Exposure and sensitivity analyses summary memo

Task #2

- A. Title:** Vulnerability Assessment: Conduct Exposure and Sensitivity Analyses for City Infrastructure
- B. Goal:** The subcontractor will conduct exposure and sensitivity analyses by first identifying the primary stressors that are exacerbated by changes in climate.
- C. Description:** Both exposure and sensitivity analyses will be conducted by first identifying the primary stressors that are exacerbated by changes in climate. In Venice, the most influential climate stressors are most likely sea level rise, back bay flooding, and storm surge. Data-driven analysis along with collaboration with the City and the City’s EAC to establish a prioritized list of climate stressors will be utilized for this effort. Once the stressors have been established, assets that are exposed to these stressors will be identified and can include: critical facilities, vulnerable populations, public health, economic activities, natural systems, cultural resources, as well as any other natural or built public infrastructure. Existing tools such as NOAA’s Sea Level Rise Viewer and Coastal Flood Exposure Mapper may be used for this analysis. The level of sensitivity, exposure, and adaptive capacity of the asset will be scored to determine its vulnerability. If the asset is affected by the climate stressor, the degree of severity will also be identified to further define the risks. This vulnerability ranking will allow the City to create an index of its most vulnerable areas and assets.

The development of future sea level rise flooding scenarios will help to forecast potential economic and physical losses in the City of Venice. The City’s stormwater management system, zoning, future

development plans, and floodplain management will be reviewed, and recommendations developed for improving climate adaptation. The subcontractor will work alongside the City to prioritize which vulnerable infrastructure, from the inventory developed in Task 1, should be the focus for short, intermediate, and long-term climate adaptation.

If appropriate, focus areas developed from the sensitivity analysis will be formed by a defining characteristic, i.e. similar elevations, vulnerable populations, or population density. By creating Adaptation Focus Areas, the City will be able to address specific risks localized in smaller areas.

D. Deliverable(s): The Grantee will submit all deliverables for each task via **one pdf document** to the Department's Grant Manager on or before the Task/Deliverable Due Date listed in the Project Timeline.

- 1) Summary report on the exposure and sensitivity analyses

Task #3

A. Title: Adaptation and Resilience Strategies: Evaluate Adaptive Capacity of City Infrastructure

B. Goal: Adaptive Capacity is the ability of a system to adjust to climate change, to moderate potential damages, to take advantage of opportunities, or to cope with the consequences. In order to address the adaptive capacity of the City of Venice and its assets, the following will be explored: Regulatory and planning capabilities, administrative and technical capabilities, fiscal capacity, and infrastructure.

C. Description: The results of the previous tasks will be summarized into a vulnerability assessment report. This report will address public infrastructure within City limits, with an emphasis on coastal flooding impacts to critical facilities and stormwater infrastructure. The purpose of a vulnerability assessment is to help a municipality identify and prioritize structural and social assets that are likely to be impacted by future coastal flooding and sea level rise. Vulnerability assessments are broken into three components: exposure analysis, sensitivity analysis, and focus area identification. The vulnerability assessment will build off the previous tasks analyses and will include maps showing the inundation of the City's infrastructure during two sea level rise scenarios. This report also forms the basis for complying with the "Peril of Flood" statute requirements as found in Section 163.3178(2)(f)(1-6), Florida Statutes.

Due to the limited funds for climate adaptation planning, an updated comprehensive list of resilience grants will be compiled and provided to the City by the subcontractor, with recommendations on which are most appropriate. This list of grants will help the City to determine how to best pursue alternative funding sources for future adaptation projects.

D. Deliverable(s): The Grantee will submit all deliverables for each task via **one pdf document** to the Department's Grant Manager on or before the Task/Deliverable Due Date listed in the Project Timeline.

- 1) Summary report on adaptive capacity findings
- 2) Draft of climate vulnerability assessment report to be presented to local governing body
- 3) List of possible grants for adaptation projects and recommendations for which are most appropriate

Task #4

A. Title: Community Outreach and Stakeholder Engagement

B. Goal: To engage, inform, and educate the stakeholders in the City of Venice about the Climate Vulnerability Assessment and possible future strategies to adapt to changes in sea level rise.

C. Description: In order to engage and inform stakeholders about the City of Venice Climate Vulnerability Assessment, a variety of strategies will be implemented that may include: conducting a City-wide outreach in the forms of a public workshop, an online ‘Exposure Tool’, a resilience survey, and an online database that provides future access to these and other educational information. The subcontractor will work closely with the City Engineering and Planning Staff and the City’s Environmental Advisory Committee to develop the strategy that best suits their objectives and audience. Engaging a consistent stakeholder base is important for receiving relevant feedback. To coordinate long term communication, the City will request participants in both the public workshop and online survey to provide their email address for notification of future events.

In order to engage and inform the citizens of the City of Venice, an online interactive website will be created. This interactive map will also include the location of critical infrastructure, vulnerable populations, cultural resources, and other relevant sites that are selected by the city and its stakeholders. The subcontractor will also develop online stakeholder surveys to educate stakeholders as well as capture valuable data and appropriately address concerns.

D. Deliverable(s): The Grantee will submit all deliverables for each task via **one pdf document** to the Department’s Grant Manager on or before the Task/Deliverable Due Date listed in the Project Timeline.

- 1) Copies of workshop announcements/advertisements
- 2) Agendas and sign-in sheets from each workshop, indicating location, date, and time of workshop
- 3) Presentation(s) from each workshop
- 4) Brief summary report or meeting minutes from each workshop including:
 - a. Attendee input and workshop outcomes
 - b. URLs for the Climate Vulnerability website, exposure tool, and stakeholder survey, in pdf format
 - c. Survey results report
- 5) Any materials created at each workshop (as applicable)

Task #5

A. Title: Final Resilience Plan Report

B. Goal: The final goal for this work to generate a Final Resilience Plan for the City of Naples that can be utilized to draft changes to the City’s Comprehensive Plan while also addressing Florida Statutes to address “Peril of Flood.”

C. Description: The subcontractor will work with the City of Venice planners to draft an update to the City’s Comprehensive Plan for future consideration. The goal of the draft proposed changes is to provide long term direction for protection, preservation and enhancement of the City’s natural and coastal resources that are vital to the City’s long-term economic, environmental, social and aesthetic values.

The drafted language will comply with the “Peril of Flood” statute Sec. 163.3178 (2)(f) F.S. It should:

- Include development and redevelopment principles, strategies, and engineering solutions that reduce the flood risk in coastal areas, which result from high tide events, storm surge, flash floods, stormwater runoff and the related impacts of sea-level rise.

- Encourage the use of best practices development and redevelopment principles, strategies and engineering solutions that will result in the removal of coastal real property from flood zone designations established by FEMA.
- Identify site development techniques and best practices that may reduce losses due to flooding and claims made under flood insurance policies issued in Florida.
- Be consistent with, or more stringent than, the flood resistant construction requirements in the Florida Building Code and applicable flood plain management regulations – 44 C.F.R. Part 60.
- Require that any construction activities seaward of the coastal construction control lines established to section 161.053, F.S., be consistent with chapter 161.
- Encourage local governments to participate in the National Flood Insurance Program Community Rating System administered by FEMA to achieve flood insurance premium discounts for their residents.

D. Deliverable(s): The Grantee will submit all deliverables for each task via **one pdf document** to the Department's Grant Manager on or before the Task/Deliverable Due Date listed in the Project Timeline.

- 1) Draft comprehensive plan language including strike-through and underlined format which satisfies the Peril of Flood requirements in Section 163.3178(2)(f) Florida Statutes
- 2) Completed Exhibit F – Final Report Form