Application: SRP--549--

City of New Port Richey53777SRP--549--Statewide Flooding and Sea Level Rise Resilience PlanSRP

Started at: 10/22/2021 03:37 PM - Finalized at: 10/25/2021 02:23 PM

Page: Eligibility Questions

Applicant Name

City of New Port Richey

Entity Type

Local Florida Government or Municipality

Applicant County

Pasco

Page: Grantee's General Info

Grant Type

Statewide Flooding and Sea Level Rise Resilience Plan

Provide the Applicant's FEID# that matches the registered listing in My Florida Market Place (MFM) (https://vendor.myfloridamarketplace.com (https://vendor.myfloridamarketplace.com))

1. Go to MFMP (https://vendor.myfloridamarketplace.com), and login to validate and obtain the correct sequence number for your entity's payment information.

2. Enter your User Name & Password. If unknown enter "publicuser" for the User Name & Password

3. Search through the listings under the detail section, that have the following fields that match your application information for where the applicant's funds are to be delivered to:

- Entity legal name
- Full address (physical)

4. Should you not find a listing that matches, please contact MFMP to get a correct entry listed for the Grantee at: https://www.dms.myflorida.com/business_operations/state_purchasing/myfloridamarketplace (https://www.dms.myflorida.com/business_operations/state_purchasing/myfloridamarketplace) operations.

5. If your question is not answered by the FAQ's link on MFMP's page, please contact the MFMP Vendor Customer Service Desk at vendorhelp@myfloridamarketplace.com (mailto:vendorhelp@myfloridamarketplace.com?subject=MFMP%20Assistance%20Needed) or by phone at 866-352-3776.

Federal Tax ID Number

F59-6000386

Sequence Number

010

DUNS Number

083198242

Provide current contact information for each contact. Some information may be duplicative. The grantee's grant manager is responsible for all correspondence with DEP after the grant is awarded and relaying any information necessary to partners and/or subcontractors.

Applicant's Physical Address

5919 Main Street

Applicant's Physical City

New Port Richey

Applicant's Physical Zip Code

34652

Applicant's Grant Manager's Name

Debbie L. Manns

Applicant's Grant Manager's Title
City Manager

Applicant's Grant Manager's Physical Address
5919 Main Street

Applicant's Grant Manager's City
New Port Richey

Applicant's Grant Manager's Zip Code
34652

Applicant's Grant Manager's Phone Number
727-853-1021

Applicant's Grant Manager's Email Address
MannsD@CityofNewPortRichey.org

Applicant's Authorized Signer's Name
Debbie L. Manns

Applicant's Authorized Signer's Title
City Manager

Applicant's Authorized Signer's Physical Address
5919 Main Street

Applicant's Authorized Signer's City
New Port Richey

Applicant's Authorized Signer's Zip Code
34652

Applicant's Authorized Signer's Phone Number
727-853-1021

Applicant's Authorized Signer's Email Address
MannsD@CityofNewPortRichey.org

Applicant's Fiscal Agent's Name
Debbie L. Manns

Applicant's Fiscal Agent's Title
City Manager

Applicant's Fiscal Agent's Mailing Address
5919 Main Street

Applicant's Fiscal Agent's City
New Port Richey

Applicant's Fiscal Agent's Zip
34652

Applicant's Fiscal Agent's Phone Number:
727-853-1021

Applicant's Fiscal Agent's Email Address
MannsD@CityofNewPortRichey.org

Page: Project Information

Entity's Name

City of New Port Richey

Statewide Flooding and Sea Level Rise Resilience Plan Project Type

Project identified through a local vulnerability assessment that addresses risks of flooding and sea level rise to coastal and inland communities in the state

Project Title

South Gateway Inundation Park

List the City(ies)/Town(s)/Village(s)

City of New Port Richey

Project Location

28°14'54.12"N / 82°43'35.83"W

Upload Map

Download File (https://vo-general.s3.amazonaws.com/d017b91f-429c-41d2-94c6-f764db3489dc/b79c4eb6-4e14-49bf-8c16-b707df78c295?AWSAccessKeyId=AKIAJ4PRWO26HAX3IOCA&Expires=1721499850&response-content-disposition=inline%3B%20filename%3D%22South%20Gateway%20Inundation%20Park_Design.pdf%22&response-content-type=application%2Fpdf&Signature=YCNFJ4by0B%2BaloMTeE0omgFJRUE%3D)

State Lands being utilized?

No

PROJECT WORK PLAN

Please review the Statewide Plan parameters (http://laws.flrules.org/2021/28) under s. 380.093(5), F.S. If including any letters of support or other materials, they should specifically address the Work Plan components below.

Project Summary

Redevelop two completely paved parcels within the South Gateway area by removing the majority of the impervious surface and creating a 1.2 acre floodable detention area capable of being fully drained prior to a storm event to hold additional flood capacity by use of flood gates and outfall structures. Best management practices will be used to also treat storm water generated from the entire drainage basin, discharging clean water to the river.

Project Scope of Work

Professional engineering services will include planning, design, environmental resource permitting, bid phase, and construction phase management. Construction will include demolition of existing buildings, parking lots, and other infrastructure, grading of the site, construction of the pond and drainage structures, and installing a 42" storm pipe from the floodable pond to the Pithlachascotee River.

PROJECT NEED AND BENEFIT

This section should continue to explain the need for the project in the context of flooding, sea level rise, and their effects while providing the information necessary for the Plan's evaluation criteria (https://frcp.secure-platform.com/a/page/PlanEvaluation_Criteria). See the Resilient Florida statute (http://laws.flrules.org/2021/28) for more information.

A. Explain the demonstrated need(s) and how the project will address those needs.

The existing site and adjacent development (contributing basin) currently has no stormwater management, other than direct conveyance of stormwater to the Pithlachascotee River. Construction of the floodable pond will provide 5.00 acre-ft of stormwater storage that does not currently exist plus another 2.94 acre-ft if the pond is drained prior to a storm event. The proposed stormwater pond will also provide the desired treatment volume for the contributing basin (23.5 acres), resulting in a cleaner site discharge water quality flowing into the river.

B. Explain how the proposed project fits into the Project Type(s) chosen above.

Downtown New Port Richey has a history of flooding as recently as the summer of 2015. This project creates additional storm water capacity that does not currently exist for this project area and surrounding contributing basin.

Explain how the project is feasible and can be completed within a 3-year timeframe

The project can be constructed within the project area using typical construction equipment and materials. The project design and permitting activities are estimated to take 8-10 months, and the construction phase is estimated to require 9-12 months, so overall project timeline to completion is around 2 years.

D. Is the project a follow-up or result of a previous state-funded project?

No

E. Explain the how the completed project will exceed the flood-resistant construction requirements of the Florida Building Code and applicable flood plain management regulations.

This project will not be regulated by the Florida Building Code as it is a drainage and storm water retention project. The project will be designed to meet all local and state environmental regulations.

F. Explain how the project addresses risks to regionally significant assets.

The project is located in an area of focus for redevelopment within the downtown core of City of New Port Richey. As the City continues to improve its downtown area, this area is targeted to be transformed from commercial buildings with expansive ground-level concrete parking lots to a mix of commercial buildings, multi-level parking garage, high and low density residential buildings, and public greenspace areas. The proposed storm water pond will provide a greater level of storm generated treatment and storage volume to the project area, as well as reduction of waterborne pollutants to the Pithlachascotee River.

G. Explain how the project reduces risks to areas with an overall higher percentage of vulnerable critical assets.

Due to the Northerly flow of the Pithlachascotee River running parallel to the U.S. Highway 19(US19) corridor through New Port Richey, the Main Street Bridge is the only crossing option from the City's northern border at the US19 Bridge to Gulf Drive at the latitude where the river turns to the east. The location of the proposed project at the Southeast quadrant of the Main Street intersection with US19 provides improvements to the existing conditions and abuts this critical evacuation route which is vulnerable. Due to the existing impervious nature of the quadrant, it is intended that the project will cure a pre-existing storm water deficiency while preparing the site for resilient redevelopment. Flooding from any combination of storm surge, rainfall event locally or along the river to its headwaters could prohibit crossing the river and strand the substantial population of city and county residents living west of US19. Main Street is the closest link to Massachusetts Avenue which is directly connected to the Ridge Road Extension which is planned to serve as a new evacuation route to the Suncoast Parkway, which can relieve the major Highways SR 52 and SR 54. Finally Emergency Services are located on both sides of the river and deployment of those assets would be greatly affected by flooding on Main Street. The area being addressed is in the Coastal High Hazard Zone and the contemplated improvements will assist the City in implementing its Community Redevelopment Agency's Plan.

H. Does this project add to an existing flood mitigation project that will reduce upland damage costs by incorporating new or enhanced structures or restoration and revegetation projects?

Yes, this project creates a 1.2 acre floodable retention pond that will be outfitted with flood gates in order to drain the pond in advance of a storm event. The construction of the pond creates 5.00-acre-ft of storage then draining the pond increases the overall storage capacity by another 2.94 acre-ft.

I. Does the project enhance state or federal critical habitat areas for threatened or endangered species?

Within the overall project site area, the proposed pond is located in a portion of the site area that is currently impervious asphalt or buildings such that there is no wildlife habitat existing. Due to the size of the proposed pond and fluctuating nature of the water level, the creation of the pond is not anticipated to provide critical habitat to any threatened or endangered wetland dependent wildlife species. With the creation of the pond, non-protected wildlife such as birds, fish, turtles, and other aquatic species will be able to move in and inhabit that pond. In addition, the portion of the site that contains mature live oaks will be protected and remain on the site as improved park area.

J. If the project will be done in a financially disadvantaged community, explain how the project will benefit that community.

The majority of the land within (including the project area) the City of New Port Richey is in a qualified census track and has been high on the Community Development Block Grant list for financial assistance for a number of years. The residents of the city are primarily blue-collar retirees and commuting service employees with lower incomes than the average Pasco County resident. The redevelopment plan strategy is to assist development of resilient and reasonably priced housing through incentives and by providing public open spaces and a walkable environment that reduces living costs without sacrificing the quality of life. In addition, the planning site is within walking distance of a new university that provides critical career training for medical assistants, emergency service workers and many other critical jobs that are needed for the aging population. A free electric Trolley has been purchased that will provide rides to the City's downtown and the library which teaches English and offers classes leading to a High School diploma to non-English speaking residents without concern for their residency inside the city limits. The project also strives to attract businesses which will provide employment opportunities to residents.

K. Explain how the project addresses risks identified in a vulnerability assessment or other similar analysis of current and future flooding from rainfall and/or sea level rise.

The project was originally developed as a site-specific vulnerability assessment and a rapid design exercise completed by the Tampa Bay Regional Planning Council (TBRPC). The purpose of the exercise was to demonstrate potential innovative features that could be incorporated into new development projects in community redevelopment areas (CRAs) where responses to the threat of flood were needed. For downtown mixed-use neighborhoods, standards that would not only raise structures to include living quarters above anticipated sea level rise vulnerabilities were graphically depicted, but the advantage of curbing or reducing the negative effects of unmanaged stormwater resulting from construction that occurred before retention ponds end stormwater treatment requirements existed was presented. To demonstrate the need for projects such as this, the TBRPC overlayed the water inundation that would occur in the future during a category one hurricane and the opportunities that innovative design concepts could control or reduce outfall from the pond by lowering its level in advance of a storm event so that upon the occurrence of the storm surge, the project site would not add to the rising of the river. A follow-up design product was produced to demonstrate the potential economic benefit that could justify the expense to rehabilitate the site.

L. Describe the current flooding and/or erosion conditions in the project area.

The project area includes 100% impervious surface runoff from aging commercial buildings and parking lots. The stormwater runoff flows directly into the Pithlachascotee River with no treatment. The stormwater runoff from the entire site and basin area flows directly into the Pithlachascotee River with no treatment. The creation of the floodable retention pond will redirect stormwater runoff from 23.50 acres for storage and treatment.

M. Describe the readiness of the project to proceed.

The City is prepared to move forward with the planning, design and permitting of the project.

N. How is the project cost effective?

The project will include design drawings and details to allow construction methods in a cost effective approach and focusing on minimizing. The construction contract will be obtained through the City's procurement process, wherein the lowest cost bidder is selected. The site construction can be accomplished using standard heavy construction equipment, operator and labor crews, and construction materials. The City also maintains a construction management team, including the design engineer, during the construction process to ensure the construction contract is adhered to and potential conflicts are handled in a timely manner. This approach minimizes construction related claims and costs to the City.

O. Describe the availability of local, state, and federal matching funds, the status of such awards, and any federal authorization as applicable.

The City is not pursuing any other funding for this project.

P. Describe any innovative technologies that may be used to complete the project.

This project will be designed using standard and proven technology.

Design Plans

Download File (https://vo-general.s3.amazonaws.com/d017b91f-429c-41d2-94c6-f764db3489dc/0fa54c0d-6cb5-486f-b748-06fd83a6f0ed?AWSAccessKeyId=AKIAJ4PRWO26HAX3IOCA&Expires=1721499850&response-content-disposition=inline%3B%20filename%3D%22South%20Gateway%20Inundation%20Park_Design.pdf%22&response-content-type=application%2Fpdf&Signature=A8xM8I%2FfXQhUOOvXTNB0GrMLYwE%3D)

Permits

No File Uploaded

Vulnerability Assessment

Download File (https://vo-general.s3.amazonaws.com/d017b91f-429c-41d2-94c6-f764db3489dc/4631226d-7b57-4078-b959-9d1dec211da6?AWSAccessKeyId=AKIAJ4PRWO26HAX3IOCA&Expires=1721499850&response-content-disposition=inline%3B%20filename%3D%22NPR-Rivergate-Plan-10-12-2020.pptx.pdf%22&response-content-type=application%2Fpdf&Signature=zOhGBOszxg8hje3RG7clenWZ19I%3D)

Page: Budget Information

Estimated total project cost

$1,600,000

Grant funding amount requested

$800,000

Cost-Share percentage available for the project

50%

Cost-share source

City of New Port Richey

COST-SHARE FUNDING SOURCES

Other Funding Source Names

Funding Source Name: Utilities Stormwater Improvements
Task #: 1
Task Amount: 75000

Funding Source Name: Utilities Stormwater Improvements
Task #: 2
Task Amount: 5000

Funding Source Name: Utilities Stormwater Improvements
Task #: 3
Task Amount: 720000

Cost-share document upload

Download File (https://vo-general.s3.amazonaws.com/d017b91f-429c-41d2-94c6-f764db3489dc/51e79560-d492-4b6a-8d23-2424c78b71ab?AWSAccessKeyId=AKIAJ4PRWO26HAX3IOCA&Expires=1721499850&response-content-disposition=inline%3B%20filename%3D%2210.25.21%20Ltr%20to%20FDEP%20RE%20Grant%20Secured%20Match%20Funds%20for%20South%2&content-type=application%2Fpdf&Signature=k5vGyvibo%2B43VMmlwxcPDLuSU2c%3D)

Multi-Year Funding Breakdown

Download File (https://vo-general.s3.amazonaws.com/d017b91f-429c-41d2-94c6-f764db3489dc/056bfda4-8dfc-4f48-aafc-a6ea1e2ee577?AWSAccessKeyId=AKIAJ4PRWO26HAX3IOCA&Expires=1721499850&response-content-disposition=inline%3B%20filename%3D%22FY21-22%20RF%20Infrastructure%20Multi%20Year%20Breakdown_NPR%20South%20Gateway%20Pond.pdf%22&response-content-type=application%2Fpdf&Signature=BGketTXzTnhArxJO7%2BtQZ9dZArY%3D)

Budget Narrative Description

The budgeted amount includes all design and permitting costs. It will also include all construction operations fees.

Work Performed by:

Sub-Contractor Only

Sub-Contractor's Information.

All Sub-Contractors who will be performing work on this project, to be paid out using the requested funds from DEP, must be listed in the table below.

Sub-contractor 1 Company Name

Stroud Engineering

Sub-contractor 1 Contact Person Name

Brent Heath

Sub-contractor 1 Title

Senior Project Engineer

Sub-contractor 1 Phone Number

(352) 642-4412

Sub-contractor Email 1

brent@stroudengineering.com

Sub-contractor 1 Address

10503 Cyndee Lane
Odessa Florida 33556 US

Sub-contractor 1 Amount Table

Tasks

Task #: 1
Amount: 55000

Task #: 2
Amount: 5000

Task #: 3
Amount: 15000

additionalSub2only

Yes

Sub-contractor 2 Company Name

GHS Environmental

Sub-contractor Contact 2 Person Name

Dana J. Gaydos

Sub-contractor 2 Title

Principal

Sub-contractor 2 Phone #

727-667-6786

Sub-contractor 2 Email Address

dana@ghsenvironmental.com

Sub-contractor 2 Address

PO Box 55802
Saint Petersburg Florida 33732 US

Sub-contractor 2 Amount Table

Tasks

Task 2: 3
Amount: 5000

additionalSub3only

No

Page: Tasks & Deliverables

PROJECT TIMELINE with

TASKS & DELIVERABLES DETAILS

This is where each task is listed with the title, due date for submission of all deliverables by task, and total of task funding amount requested. ***To avoid late submittals and financial consequences, be sure to allow enough time for submitting deliverables.***

Details for each task to include:

- Title,
- Goal,
- Description,
- Listing of deliverables,
- Total task amount, and
- Budget category (who will be performing the work, grantee and/or contractor)

Project Timeline Chart

Task #s

A. Task#: 1
B. Task Title: Preliminary & Final Engineering & Permitting
C. Task Goal: All design, engineering and permitting will be completed within 8 to 10 months.
D. Task Decription: Stroud Engineering and GHS Environmental will prepare the preliminary pond design and review with the City for initial approval. Upon approval, Stroug/GHS will meet with appropriate agencies to begin the permitting process. Permit application will be completed and submitted to all agencies as necessary. Final permits will be obtained.
E. Task Deliverable(s) 1: Initial design, City's approval, permits from appropriate agencies
Other Initial design, City's approval, permits from appropriate agencies
{5cf92fe3-b6f7-48c7-b193-1faf4b44e35e} {62d790af-954d-4953-a300-55b056db9101}
{5648137f-4bbb-466c-9456-2066bc3a0ce1} {5307e474-2808-4d85-be59-5e9c0ee76c9f}
{f5af7cc6-8e9f-40ee-9f21-f7d7ef9c3107} {4d304b61-4852-4691-bacd-99624f592b44}
{45ab846d-413e-4840-afc1-6911f8e93d71} {ba41230b-ab12-41b8-b2f4-da80a22bb93f}
F. Task Due Date: 4/28/2023
G. Total Task Amount: 75000
H. Task Budget Category: Sub-Contractor Only (CS)

A. Task#: 2
B. Task Title: Bid Solicitiation
C. Task Goal: Stroud/GHS will prepare and advertise a formal bid solicitation for the construction phase.
D. Task Decription: Stroud will prepare and advertise a formal bid solicitation for the construction phase. The City will open, review, and select a construction subcontractor. Stroud/GHS and the City will have various kickoff meetings to transition into the Construction Task.
E. Task Deliverable(s) 1: Bid solicitation
Award of Bid
Other Bid solicitation
Award of Bid
{5cf92fe3-b6f7-48c7-b193-1faf4b44e35e} {62d790af-954d-4953-a300-55b056db9101}
{5648137f-4bbb-466c-9456-2066bc3a0ce1} {5307e474-2808-4d85-be59-5e9c0ee76c9f}
{f5af7cc6-8e9f-40ee-9f21-f7d7ef9c3107} {4d304b61-4852-4691-bacd-99624f592b44}
{45ab846d-413e-4840-afc1-6911f8e93d71} {ba41230b-ab12-41b8-b2f4-da80a22bb93f}
F. Task Due Date: 7/31/2023
G. Total Task Amount: 5000
H. Task Budget Category: Sub-Contractor Only (CS)

A. Task#: 3
B. Task Title: Construction & Project Management
C. Task Goal: Demolish existing infrastructure and construct floodable retention pond.
D. Task Decription: Selected contractor will demolish existing buildings and parking lots. Contractor will construct pond and outfall structures. Stroud/GHS will manage construction, complete final survey for as-built plans, and submit of all paperwork to close project and transition to operational phase.
E. Task Deliverable(s) 1: Demolish building and existing infrastructure. Construct pond and outfall structures. Final operation permit.
Other Demolish building and existing infrastructure. Construct pond and outfall structures. Final operation permit.
{5cf92fe3-b6f7-48c7-b193-1faf4b44e35e} {62d790af-954d-4953-a300-55b056db9101}
{5648137f-4bbb-466c-9456-2066bc3a0ce1} {5307e474-2808-4d85-be59-5e9c0ee76c9f}
{f5af7cc6-8e9f-40ee-9f21-f7d7ef9c3107} {4d304b61-4852-4691-bacd-99624f592b44}
{45ab846d-413e-4840-afc1-6911f8e93d71} {ba41230b-ab12-41b8-b2f4-da80a22bb93f}
F. Task Due Date: 7/31/2024
G. Total Task Amount: 720000
H. Task Budget Category: Sub-Contractor Only (CS)

Page: Certification Page

Grant Applicant's Certification Statement

"By signing this Statement page, the undersigned certifies that:

a. This application is in all respects fair and submitted in good faith without collusion or fraud;

b. If selected through this application process, the recipient will work in good faith and in partnership with the Resilient Florida Program (RF) to manage its subcontractors in a timely and accurate manner;

c. If federal funds are awarded as a result of this application process, said funds will not be used to supplant or replace any state or local funds;

d. Any funds awarded as a result of this application process will not be used as matching funds to apply for or recieve other state funds;

e. The undersigned has full authority to bind the applicant."

Please be advised that the selection of the checkboxes below are acting as a signature box on your behalf, as indicated in the field titles.

Grantee's Authorized Signer's Name

Debbie L. Manns

Do you Agree to the Certification Statement?

I agree