

Application Section	Application Sub-section	Descriptions/Subtasks	Answer	Narrative	Attachment?
Applicant Information		Applicant Account	Pinellas County	N/A	
		Applicant Grant Manager	Rhonda Bowman	N/A	
		Applicant Authorized Signee	Kelli Hammer Levy	N/A	
		Applicant Fiscal Agent	Kristen Pittman	N/A	
Project Information		Choose the Entity Category (Refer to 380.093(5), F.S., for more information): -County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment -Eligible entity mitigating risks of	County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment	N/A	
		Choose the project type you are submitting (Resilient Florida Program Project Type). Select all that apply by holding "ctrl" button down: -Coastal flood control -Cultural or community resource -Domestic wastewater infrastructure -Drinking water supply -Emergency facilities -Land acquisition -Living shoreline -Natural system restoration -Stormwater infrastructure -Transportation and evacuation -Utilities infrastructure -Preconstruction activities	Natural system restoration Stormwater infrastructure Cultural or community resource Transportation and evacuation	N/A	
		Project Title (This should be a brief synopsis of the project plan. Limited to 20 words.)	Joe's Creek Restoration and Greenway Trail Project	N/A	

	List the City(ies)/Town(s)/Village(s) (List all city(ies)/town(s)/village(s) where work is to be performed):	Town of Kenneth City, Lealman, and West Lealman, Unincorporated Pinellas County; all within Pinellas County	N/A	
Project Location	Latitude	27°48'56.0"N, 27.815557	N/A	
	Longitude	82°41'32.9"W, -82.692462	N/A	
	Project Location narrative (Neighborhood, part of town, intersection, etc.)	Narrative	Joe's Creek Channel Restoration and Greenway Trail project spans about 5.5 miles along the main channel of Joe's Creek and is focused on increased conveyance capacity for flood mitigation and improving resilience as well as construction of a multi-modal trail connecting the communities to the larger Pinellas Trail System. The project crosses and connects the historically underserved communities of West Lealman, the Town of Kenneth City, and Lealman. Construction will be focused from 34th Street N (U.S. 19) to 54th Avenue N. See Project Impact Area map provided.	
	Will any of the work to be performed or fall on state lands?	Narrative	No work will be performed on state lands	
	Area Served (If applicable, area served only required for projects that mitigate risks on a regional scale)	Pinellas County	26,400 LF	
	Sponsor City/County (If applicable. If the applicant is the sponsor, leave blank.)	N/A	N/A	

Background		Explain the demonstrated need(s) and how the project will address those needs. (Explain the demonstrated need which the project addresses.)	Narrative	<p>This project mitigates adverse effects of climate conditions, flooding, and sea level rise by improving channel infrastructure. Improvements to the channel geometry, infrastructure improvements, and water quality projects within Joe's Creek will improve stormwater conveyance capacity for larger storm events and improving water quality for baseflow and mean annual events. Water quality improvements will positively affect the downstream Cross Bayou water quality as well as intercoastal connections to the Gulf of Mexico.</p> <p>Joe's Creek also flows through historically disadvantaged communities. Flood reduction and water quality improvements will have a direct impact on the natural environments surrounding these communities, as well as, remove homes and businesses from the floodplain.</p>	
		Explain how the proposed project fits into the Project Types chosen.	Narrative	<p>This project will improve stormwater conveyance in Joe's Creek to reduce upstream flooding with future climate scenarios being considered. While improving stormwater conveyance, the design intent is to mimic a natural system creek with habitat creation and naturally stable channel slopes rather than relying on hardened/engineered infrastructure.</p>	
		Does the project reduce risk of flooding or sea level rise identified in a comprehensive vulnerability assessment or the comprehensive statewide flood vulnerability and sea level rise assessment? If yes, please explain. (Until July 1, 2024, applicants without a comprehensive vulnerability assessment shall receive points based on risks posed by flooding or sea level rise identified an assessment, report, evaluation, or other documentation of risk that addresses flooding or sea level rise.)	Yes	<p>This project reduces the risk of flooding and impacts of sea level rise within the project area as identified in a project specific vulnerability assessment (watershed management plan). This project implements best management practices (BMP) to mitigate the flood risks that have been identified in the Joe's Creek Watershed Management Plan (URS, 2016). Additional modeling has been completed for the project area and is shown in Joe's Creek Watershed Model Refinement Report (Jacobs, 2023). From the completed analyses, the project area is highly vulnerable to flooding and will be even more vulnerable in the future. This project is designed to reduce risk of flooding and risk consequences from sea level rise in the area.</p> <p>See attachment "PinellasCounty_JoesCreek_Tier1_RiskFlooding" for documentation.</p>	Water Management Plan

Tier 1 Criteria Information

<p>Does the project reduce risk of <i>compound</i> flooding identified in a vulnerability assessment or the comprehensive statewide flood vulnerability and sea level rise assessment? If yes, please explain. (Until July 1, 2024, applicants without a comprehensive vulnerability assessment shall receive points based on risks posed by flooding or sea level rise identified in an assessment, report, evaluation, or other documentation of risk that addresses flooding or sea level rise.)</p>	<p>Yes</p>	<p>The improvements proposed for Joe’s Creek will reduce the potential for compound flooding occurrences by widening the floodplain along the outfall channel, allowing for more cross-sectional flow through the system to increase resiliency vs tidal or surge based flooding events and increase the capacity of the channel as it extends upstream. The improvements also include embankment stabilization measures that will prevent failure of embankment sections that are capable of completely blocking flow through different reaches of the creek system. The additional floodplain created between along each reach of the creek with add to the freeboard along the embankment of the creek, reducing the potential for overtopping during compound flooding events.</p> <p>The project analyzed the compound flooding induced by the tidal and rainfall, but not the storm surge. The flood risk was analyzed for various design storm events, including 100-year/24-hour, 50-year/24-hour, 25-year/24-hour, 10-year/24-hour, 5-year/24-hour and 2.33-year/24-hour. The alternatives being evaluated will help reduce the flood risk for both structures and roadways to bring them to the appropriate Level of Service (LOS) defined by the County for the structures and each category of the roadways. Structural flood risk reduction is focused on the 100-year/24-hour design. For roadways, evacuation roads flood reduction was focused on 100-year/24-hour, while arterial roads and local roads are focused on lower design storm events, 50-year/24-hour and 10-year/24-hour respectively.</p> <p>See attachment "PinellasCounty_JoesCreek_Tier1_RiskFlooding" for documentation.</p>	<p><u>Model Refinement TM</u></p>
<p>Does the project reduce risk to or adapt a regionally significant asset? This can include relocation. If yes, please explain.</p>	<p>Yes</p>	<p>Regionally significant assets that support the needs of communities spanning multiple geopolitical jurisdictions such as the HCA Florida St Petersburg Hospital are completely inaccessible under these conditions as both Florida State Road 693 as well as 38th Avenue N. are flooded in these conditions. The power station across from the hospital will also see flooding in the event of a failure at Joe’s Creek. In addition to the regional hospital, regional water resource facilities such as the Cross Bayou Water Reclamation Facility, an advanced wastewater treatment plant designed to process 33 million gallons per day (MGD) will experience widespread flooding. Wastewater lift stations and other infrastructure are also heavily impacted by these conditions. The industrial park area, an important local business center, and Lealman Exchange Community Center, a vibrant community center serving historically disadvantaged community members, are also at significant risk and will be better served from this project.</p> <p>The improvements proposed for Joe’s Creek will reduce the potential for flood occurrences by widening the floodplain along the outfall channel, allowing for more cross-sectional flow through the system to increase resiliency vs tidal or surge based flooding events and increase the capacity of the channel as it extends upstream. This reduction in flooding in upstream ends of the channel through channel improvements, creation of additional storage, and infrastructure upgrades will reduce the risk to multiple aforementioned regionally significant assets.</p>	

<p>What percent of critical assets in the project impact area considered to be vulnerable? Please describe the method used to determine the percent selected as well as provide a list of critical assets in the project impact area. (Vulnerable critical assets are those at risk of flooding based on applicable scenarios and standards outlined in paragraph 380.093(3)(d), F.S. Until September 1, 2024, if evaluation of those scenarios and standards is unavailable for the project impact area, best available data can be used to determine the percent.)</p> <p>-None -At least one critical asset but less than 20% -20% or more but less than 40% -40% or more but less than 60% -60% or more but less than 80% -80% or more</p>	<p>20% or more but less than 40%</p>	<p>The percentage of vulnerable critical assets in the project impact area is approximately XXXX% based on the number of facilities, infrastructure, resources, and other structures that would flood during FEMA's 100-year flood event and a modeled "catastrophe" existing condition floodplain, determined through hydraulic modeling. The project impact area includes XXX critical assets and XXX of those assets are vulnerable. Critical assets in the area include the Lealman Exchange Community Center (LEX), Industrial Park Area, Raymond H. Neri Community Park, major state roads, evacuation routes, schools, hospitals, and other emergency service centers. See "Critical Assets" attachment which lists all critical assets in the project impact area as well as denotes those that are at risk of flooding from the 100-year and hydraulically modeled flood event. Also attached is a map that includes critical assets in the area with vulnerable assets denoted by yellow, orange and red dots (red is most vulnerable).</p> <p>The Joe's Creek Watershed encompasses a 9,256-acre area that includes portions of several geopolitical jurisdictions such as unincorporated Lealman, Kenneth City, Pinellas Park and City of St. Petersburg. All areas along the creek are prone to repetitive, chronic flooding onset from typical rain conditions and exasperated by compound flooding conditions. These conditions have heavily contributed to embankment failures along the creek corridor and resulting reduced channel capacity and otherwise clogged box culverts or bridges at roadway crossings. Upon failure, the estimated flood extents are capable of creating major economic, social, environmental and public safety challenges to the state. Impacts include the estimated flooding every roadway crossing along Joe's Creek, including principal arterial urban roads such as US-19 and two crossing locations with Florida State Road 693 (66th Street N.).</p> <p>This will limit access for emergency vehicles, evacuation and other emergency services for almost all areas west of I275 that would otherwise cross the creek from north to south or east to west. Bus stations and other transportation means are all highly compromised through all roads that surround the creek. US-19 has an Annual Average Daily Traffic (AADT) of 41,500 vehicles while Florida State Road 693 has an AADT of 42,000 (Florida Traffic Online 2022). The combined AADT of all road crossings affected by a failure at Joe's Creek is a total of 218,800 AADT.</p> <p>See attached "PinellasCounty_JoesCreek_Tier1_CriticalAssets" for documentation.</p>	<p>Critical Assets Map</p>
<p>Does the project contribute to existing flood mitigation projects that reduce upland flood damage cost by incorporating new or enhanced structure or natural system restoration and revegetation? If yes, please explain.</p> <p>-No -Yes, by incorporating new or enhanced structure -Yes, by incorporating Natural system restoration and revegetation -Yes, by incorporating BOTH new or enhanced structure and Natural system restoration and revegetation</p>	<p>Yes, by incorporating BOTH new or enhanced structure and Natural system restoration and revegetation</p>	<p>This project addresses the existing flood mitigation project at US-19/34th Street N, also known as BMP W35-FC-3_2016 which is in place to reduce consistent flooding in the Joe's Creek Industrial Park area. The Joe's Creek Channel Restoration and Greenway Trail project will reduce upland flood damage cost to important industrial areas by incorporating low impact development (LID), green infrastructure (GI), upsizing an adding additional culverts, and channel restoration to create more storage within Joe's Creek.</p>	

Project Scoring Criteria

	<p>What is the current frequency of flooding or erosion in the project impact area? (If area has been flooded 3 times in 5 years or is experiencing ongoing erosion, supporting documentation must be submitted with the application)</p> <p>-No current flooding or erosion -Has experienced flooding or erosion in the last 3 years -Has been flooded at least 3 times in the last 5 years or is experiencing ongoing erosion. If area has been flooded 3 times in 5 years or is experiencing ongoing erosion, please explain and provide documentation</p>	<p>Has been flooded at least 3 times in the last 5 years or is experiencing ongoing erosion. If area has been flooded 3 times in 5 years or is experiencing ongoing erosion, please explain and provide documentation</p>	<p>This project is experiencing continued, unmitigated erosion along the channel area. Maintenance is performed both annually for continuous erosion, and on a less frequent basis after major rain events to continually repair the channel area. See attachment "PinellasCounty_JoesCreek_Tier2_ErosionFrequencyandSeverity" for documentation. The photographs show areas of erosion, as well as areas where the channel bank has had to be continually repaired throughout the years.</p>	
	<p>What is the current severity of flooding or erosion in the project impact area? (If area has been flooded greater than 1 foot in the current and each of the previous three calendar years, been flooded for 7 consecutive days or erosion is critical for the asset class, supporting documentation must be submitted with the application)</p> <p>-No current flooding or erosion -Flooding greater than 3 inches in last 3 years or has ever experienced unmitigated erosion -Flooded greater than 1 foot in the current and each of the previous three calendar years, has been flooded for 7 consecutive days or erosion is critical for the critical asset class. If area has been flooded greater than 1 foot in the current and each of the previous three calendar years, been flooded for 7 consecutive days or erosion is critical for the critical asset class, supporting documentation must be submitted with the application.</p>	<p>Flooding greater than 3 inches in last 3 years or has ever experienced unmitigated erosion</p>	<p>There is ongoing unmitigated erosion with the current channel geometry. While this is ongoing and unmitigated, we have attached some pictures of post-channel condition after larger rain events, including Tropical Storm Hermine (September 23, 2022) and Unnamed Storm (November 2, 2018), and after heavy rain in 2016. See attachment "PinellasCounty_JoesCreek_Tier2_ErosionFrequencyandSeverity" for documentation.</p>	<p><u>Photo attachment of flooding/erosion frequency</u></p>

Tier 2 Criteria Information

<p>What is the status of project design? (To receive points for a completed design, plans properly certified by a professional in the relevant field must be submitted with the application.)</p> <p>-Not designed -Partially design or site-specific environmental or geotechnical reports have been completed -Design is complete. To receive points for a completed design, plans properly certified by a professional in the relevant field must be submitted with the application.</p>	<p>Partially design or site-specific environmental or geotechnical reports have been completed</p>	<p>The project is currently in preliminary design and the 10% design is currently being completed as part of Joe's Creek Restoration and Greenway Trail project, Pinellas County Project ID 004116A. A site specific PER is scheduled to be completed April 2024. A preliminary geotechnical exploration was completed for Wood Engineering's Joe's Creek Channel 1 Bank Restoration (Appendix A). See "PinellasCounty_JoesCreek_Tier2_ProjectDesignStatus" for documentation.</p>	<p><u>Wood Report</u></p>
<p>Permitting and easement acquisition status. If applicable, please provide a list of necessary permits/easements and application statuses.</p> <p>-Necessary permits and easements have been identified -All permits have been applied for or at least one permit has been approved -All necessary permit(s) and easement(s) have been authorized/obtained -No permits or easements are required for the project</p>	<p>Necessary permits and easements have been identified</p>	<p>It is expected that typical permits will be required for this project, including United States Army Corps of Engineers 404 permit, a Florida Environmental Resource Permit, County and State right-of-way permits, utility permits, and a railroad crossing permit. Specifically, the following permits are anticipated with no delays to the project schedule: FDEP/USACE Section 404 Permits SWFWMD Environmental Resource Permit FDOT Right-of-Way Encroachment Permit County Right-of-Way Permit Utility permits CSX Railroad Crossing Permit</p>	
<p>Are local funding sources committed as cost share or is the project in a financially disadvantaged small community as defined in 380.093(5)(e), F.S.? If yes, please explain and provide documentation.</p>	<p>Yes</p>	<p>Local funding sources are committed as cost share including Penny for Pinellas/Capital Improvement Projects Fund, as well FDEO CDBG-MIT grant funding to provide the 50% matching funds required for this project. In addition, the South West Florida Water Management District (SWFWMD) funds may or may not be eligible. See "PinellasCounty_JoesCreek_Tier2_LocalFundingSources" for documentation.</p>	<p><u>CIP, CDBG-MIT Cost Share, SWFWMD Cost Share</u></p>

<p>Does the project include environmental habitat enhancement or nature-based solutions? If yes, please explain.</p>	<p>Yes</p>	<p>Nature based solutions included in the development of this project are low-impact developments (green infrastructure projects) like bioswales, impervious pavement, and raingardens. These additions will rely on natural process to aid in the protection, restoration, and sustainability of the ecosystem and community. LID/GI enhances neighborhoods and public places, makes streets safer and more walkable, facilitates multiple site uses, reduces heat islands, creates habitat, and even helps alleviate localized flooding. Within the channel, restoration efforts will include planting native vegetation on the slopes and within vegetated benches in the channel to create enhanced habitat and improve water quality throughout Joe's Creek.</p>	
<p>Does the project impact area include area that is identified as state or federal critical habitat for threatened and endangered species? If yes, please explain.</p>	<p>No</p>	<p>N/A</p>	
<p>Is the project cost-effective? If yes, please explain.</p>	<p>Yes</p>	<p>See the attached BCA document for more details. Installing flood mitigation measures in and around Joe's Creek, at an estimated \$56,143,000 for future and previously incurred expenses, is more effective than not installing these measures. Not installing these measures would require an additional \$96 million over the project lifetime in maintenance costs alone. The benefit cost ratio is 1.71.</p>	<p>Attach BCA documentation - not required</p>
<p>Is 50% local, state, or federal cost share secured for the project? If 50% cost share has been secured, please provide documentation with the application.</p> <p>-No (unless the project is in a financially disadvantaged small community) -Cost share has been identified but not appropriated or released -Cost share has been secured -The project is in a financially disadvantaged small community and cost share is not required</p>	<p>Cost share has been secured</p>	<p>CDBG-MIT funding has been secured and local funds are dedicated within the County's CIP. Please see the attached "PinellasCounty_JoesCreek_50%CostShare" which includes the Capital Improvement Plan (CIP) from the Board of County Commissioners, identifying the Project in the upcoming fiscal year budget, and the CDBG-MIT Agreement (MT132), identifying funds secured from FDEO. The 2023 FY CIP is included as the FY24 CIP is currently being approved, however, FY2024 costs are noted in this application. Furthermore, the SWFWMD grant funds documentation is also included, in case it is also eligible as matching funds (but not included in the match funds or budget calculations).</p>	<p>CIP, CDBG-MIT Cost Share</p>

Tier 3 Criteria Information	<p>Has state funding previously been awarded for the project? If so, for what? Please explain and provide information sufficient for the Department to verify previous state funding. (Pre-construction activities are defined in s. 380.093(2)(c), F.S.)</p> <p>-None -Preconstruction activities (defined in a. 380.093(2)(c), F.S.) other than design and permitting -Design -Permitting -Construction (previous phases)</p>	Design	<p>Joe's Creek Greenway Trail and Channel Restoration project was awarded \$17.1 million in Community Development Block Grant Mitigation (CDBG-MIT) funding through the Florida Department of Economic Opportunity (FDEO) under Agreement No. MT132 for mitigation efforts to improve the floodplain capacity and water quality while offering recreational opportunities, supporting multimodal transportation, and creating improved resilience to flooding impacts for low to moderate income residents of Pinellas County. Additionally, SWFWMD cooperative funding has been awarded in the amount of \$320,000. See attachment "PinellasCounty_JoesCreek_Tier3_StateFunding" for documentation.</p>	<p>CDBG-MIT Agreement, SWFWMD Cost share</p>
	<p>Will this project exceed Florida Building Code flood-resistant requirements and local floodplain management regulations? If yes, please outlines the specific requirements and details relating to how the design exceeds the criteria.</p> <p>-No -Yes -These regulations do not apply to the project</p>	These regulations do not apply to the project	N/A	
Tier 4 Criteria Information	<p>Does this project include innovative technologies designed to reduce project costs and provide regional collaboration? If yes, please specify which technologies will be used and explain why they are innovative as well as how they will reduce cost and provide regional collaboration. (For this criterion, "innovative" means an emerging technology or a proven technology used in a unique way to</p>	Yes	<p>Innovating technologies like green infrastructure (GI) and low impact development (LID) will be integrated into the project to help reduce project costs over time and provide regional collaboration. In addition to improving water quality, LID/GI enhances neighborhoods and public places, makes streets safer and more walkable, facilitates multiple site uses, reduces heat islands, creates habitat, and even helps alleviate localized flooding. When integrated with other capital improvements (e.g., road/utility work), LID/GI has been proven to be cost-effective to implement and maintain. These technologies will be implemented watershed wide, not just along the channel, which will provide a regional benefit. Additionally, restoring the creek slopes to a more natural design and integrating native plants into the design prevents erosion, increases reliability, creates habitat, and improves water quality through natural systems bank stabilization. This innovative approach will help to restore the channel to a more natural state.</p>	

	Information	Does the critical asset being adapted or the project impact area contain a financially disadvantaged community? If yes, please explain the metric used to determine financial disadvantage (ex. Local income compared to state average).	Yes	<p>Yes, the project impact area contains financially disadvantaged communities as determined by the U.S. Department of Transportation's (DOT) Disadvantaged Census Tracts. Economically disadvantaged is classified by the U.S. DOT as "areas and populations with high poverty, low wealth, lack of local jobs, low homeownership, low educational attainment, and high inequality." 21 of the 35 census tracts within the project impact area are designated as financially disadvantaged. See attachment "PinellasCounty_JoesCreek_Tier4_FinanciallyDisadvantaged" for documentation.</p> <p>Additionally, according to the 2019 American Community Survey (ACS) 5-Year Estimates, the median household income for the project impact area is \$46,489, while the median household for the State of Florida is \$55,660.</p>	Disadvantaged Map
Additional Information		Will this project benefit a spring? If yes, please explain.	No		
		Will this project protect water sources using alternative water supplies? If yes, please explain.	No		
		Will this project construct, upgrade or expand facilities to provide waste treatment? If yes, please explain.	No		
		Will this project convert septic to sewer? If yes, please explain.	No		
		Has this project been submitted to other programs for funding? If yes, please explain.	Yes	Project has received funding from the Florida Department of Economic Opportunity CDBG-MIT, the Southwest Florida Water Management District Cooperative Funding (may or may not be used for match), and continues to pursue other funding opportunities including this Resilient FL grant, NOAA's Climate Regional Resilience Challenge, and USDOT's Reconnecting Communities and RAISE grants.	
		What is the population of your community? (Enter integer values only.)	972,852		
The following information is for data collection purposes only and do not correlate with any of the project evaluation criteria.					
		Estimated Project Duration	48 months	N/A	
		Permitting (Brief description of expected permit determinations necessary for project completion or relevant permit information once permitted.)	Narrative	<p>It is expected that typical permits will be required for this project, including United States Army Corps of Engineers 404 permit, a Florida Environmental Resource Permit, County and State right-of-way permits, utility permits, and a railroad crossing permit. Specifically, the following permits are anticipated with no delays to the project schedule:</p> <ul style="list-style-type: none"> FDEP/USACE Section 404 Permits SWFWMD Environmental Resource Permit FDOT Right-of-Way Encroachment Permit County Right-of-Way Permit Utility permits CSX Railroad Crossing Permit 	

Lands, Easements, Rights of Way (Brief description of acquisitions or permissions necessary for project completion or relevant information once required.)	Narrative	All work will is anticipated to be completed within current right of way owned by Pinellas County.	
Critical Infrastructure (Select yes if this project includes critical infrastructure that is confidential or should be redacted from public records searches)	No	N/A	
Project located in a Coastal Zone?	Yes	N/A	
SLIP Study Required? -Yes (upload SLIP Study output) -No	No	N/A	
Source of Match: -Local funds -State funds -Federal funds	Local funds	N/A	
Funding Mechanism (Program utilized or local funding mechanism.)	Narrative	Funding for this project will be a combination of local funding, CDBG-MIT Program Funding, and Southwest Florida Water Management District Cooperative Funding. SWFWMD cooperative funding is not being utilized as cost share for this grant application.	
Local Project Phase: -Planning -Pre-construction (design, permitting, etc.) -Construction -Post-construction Monitoring -Closed	Planning	N/A	
Project Summary (Provide a brief synopsis of the project. Limited to 75 words.)	Narrative	This project will restore approximately 5 miles of Joe's Creek utilizing nature-based solutions in order to stabilize the banks of the creek to combat sea-level rise and mitigate upstream flooding, while also improving water quality. Additionally, this project will include construction of a multi-modal trail that will connect communities within the corridor to the larger Pinellas Trail System, providing improved recreational opportunities.	

<p>Project Work Plan</p>		<p>Project Description (This should be a concise summary of the work being done. It may explain the broader issue that the project will address or what the end goal of the work is. It should NOT restate the tasks or deliverables and should not give specifications or similar detailed descriptions. Limited to 300 words.):</p>	<p>Narrative</p>	<p>The Joe’s Creek Restoration and Greenway Trail Project will occur in accordance with Pinellas County’s resilience initiatives and regional flood mitigation improvements, with the focus of this project being to modernize the existing stormwater infrastructure and conveyance to provide flood mitigation to communities surrounding Joe’s Creek. The project will benefit the Pinellas County community by reducing flood risk at the upstream end of Joe’s Creek (accounting for future sea-level rise and climate related stormwater flooding) and providing channel improvements that include habitat restoration, through native vegetation plantings, water quality improvements, and further hydraulic conveyance.</p> <p>Channel improvements include restoring the urbanized stream to a more natural geometry, which will improve the unmitigated erosion and sedimentation issues in the creek, leading to improved flood mitigation. Additional nature-based solutions with water quality projects and low-impact development will improve Joe’s Creek water quality and increase the system’s ability to adapt to changing conditions, which are expected over time.</p> <p>Ancillary benefits of the project include a multi-modal trail will also be installed along most of Joe’s Creek stretching from U.S.-19 to 54th Ave N. The trail will incorporate resilient aspects such as a bioswale and other green infrastructure solutions as design allows. Overall, the project will result in improved drainage systems to increase flood storage capacity along the creek.</p> <p>This project will provide flood mitigation benefits, as well as establish safe connectivity, for a historically disadvantaged urban neighborhood by creating improved access to and from the neighborhood which currently experiences major transportation obstacles.</p>	
<p>Uploads</p>		<p>GIS shapefile of project location. If you need a GIS Shapefile created for you, please contact (850) 245-7600.</p>	<p>N/A</p>	<p>N/A</p>	
		<p>Map of project impact area (map must have a minimum scale of 1” = 200’ and include a compass rose and legend)</p>	<p>N/A</p>	<p>N/A</p>	
		<p>Geographic extent of the project area in GIS format</p>	<p>N/A</p>	<p>N/A</p>	
		<p>Draft or signed resolution or letter of support from local governing board **optional, using CIP**</p>	<p>N/A</p>	<p>N/A</p>	
		<p>Vulnerability Assessment Report or other local study or report</p>	<p>There is a watershed management plan and updated inundation modeling. Anita, do we also want to use the Pinellas County Vulnerability Tool?</p>	<p>N/A</p>	
		<p>Final design and permitting documents (if applicable)</p>	<p>N/A</p>	<p>N/A</p>	

		Match or additional cost-share documents (if applicable)	N/A	N/A	
		Subcontractor or other local or regional partnership agreements (if applicable)	N/A	N/A	
		Optional: Applicant W-9	N/A	N/A	
		Optional: Applicant Certificate of Insurance	N/A	N/A	
		Task Number	1	N/A	
		Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field. -Pre-design or feasibility study -Data collection or study -Stakeholder coordination and planning -Design and permitting or pre-construction activities -Project management -Bidding and contractor selection (required to be included prior to construction of project includes construction) -Construction -Permit-required monitoring -Public education -Equipment purchase -Land acquisition -Site cleanup -None- Title Other:	Design and permitting or pre-construction activities	N/A	
		Work performed by: -Grantee only -Contractor only -Grantee and contractor	Contractor Only	N/A	
	Task 1	Task Description: include a brief description of the work to be completed with the individual task.	Narrative	This task includes preliminary engineering through full design for the project, including geotechnical investigations, survey, and environmental assessments. Milestones at 30%, 60%, 90% and 100% design would be included.	

Tasks		Goal: Provide a brief description of the goal of the individual task.	Narrative	The goal of this task is to complete design and produce biddable construction documents.	
		Time to completion	1 year	N/A	
		Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field. -Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report. -Final report or study to include the process and methodology and any data gaps. -A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting. -Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies. -Project management reports signed by the Florida-registered Professional	- Final Preliminary Engineering Report -Final report or study to include the process and methodology and any data gaps. -A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting. - Final design documents signed by a Florida-registered Professional Engineer	N/A	
	Task 1's Budgetary Category	Application Task Number	1	N/A	
		Expense budget category	Contractual services	N/A	
		Budget Amount	\$2,500,000	N/A	
		Match amount	\$2,500,000	N/A	
	Task 1's Personnel Grantee (if applicable - grantee is performing work)	Application Task Number	N/A	N/A	
		Position Title	N/A	N/A	
		Maximum Hours (rounded to the quarter hour.)	N/A	N/A	
Maximum Hours Time Unit		N/A	N/A		
Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)		N/A	N/A		

	Fringe Percent	N/A	N/A	
	Task Number	2	N/A	
	Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.	Project management	N/A	
	Work performed by: -Grantee only -Contractor only -Grantee and contractor	Grantee only	N/A	
	Task Description: include a brief description of the work to be completed with the individual task.	Narrative	Project management oversight through all phases of the project including schedule and budget management, subconsultant management, deliverables management, change management, and risk management.	
	Goal: Provide a brief description of the goal of the individual task.	Narrative	Goal of the task is to complete the work performed under budget and on schedule while minimizing risk through all phases of design, bidding, public education, and construction	
	Time to completion	3 years	N/A	

<p>Task 2 (if applicable)</p>	<p>Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field.</p> <p>-Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report.</p> <p>-Final report or study to include the process and methodology and any data gaps.</p> <p>-A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting.</p> <p>-Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies.</p> <p>-Project management reports signed by the Florida-registered Professional</p>	<p>- Meeting minutes and presentations (A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting)</p> <p>- Invoices for work completed</p> <p>- Bi-weekly meetings between consultant and Pinellas County during design process</p>	<p>N/A</p>	
<p>Task 2's Budgetary Category (if applicable)</p>	<p>Application Task Number</p>	<p>2</p>	<p>N/A</p>	
<p>Expense budget category</p>		<p>Contractual services</p>	<p>N/A</p>	
<p>Budget Amount</p>		<p>\$ 500,000.00</p>	<p>N/A</p>	
<p>Match amount</p>		<p>\$ 500,000.00</p>	<p>N/A</p>	
<p>Task 2's Personnel Grantee (if applicable - grantee is performing work)</p>	<p>Application Task Number</p>	<p>N/A</p>	<p>N/A</p>	
<p>Position Title</p>		<p>N/A</p>	<p>N/A</p>	
<p>Maximum Hours (rounded to the quarter hour.)</p>		<p>N/A</p>	<p>N/A</p>	
<p>Maximum Hours Time Unit</p>		<p>N/A</p>	<p>N/A</p>	
<p>Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)</p>		<p>N/A</p>	<p>N/A</p>	
<p>Fringe Percent</p>		<p>N/A</p>	<p>N/A</p>	
<p>Task Number</p>		<p>3</p>	<p>N/A</p>	

Task 3 (if applicable)	Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.	Public education	N/A	
	Work performed by: -Grantee only -Contractor only -Grantee and contractor	Grantee and contractor	N/A	
	Task Description: include a brief description of the work to be completed with the individual task.	Narrative	Public Involvement task to track the stakeholders and provide public opportunities to provide feedback on the project, as well as inform the public on project progress. To last through construction completion.	
	Goal: Provide a brief description of the goal of the individual task.	Narrative	Goal of the task is to provide a comprehensive list of stakeholders to gain meaningful feedback and keep informed during design to ensure goals of stakeholders and citizens are met to the best of the ability of the design team and contractors	
	Time to completion	3 years	N/A	
	Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field. -Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report. -Final report or study to include the process and methodology and any data gaps. -A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting. -Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies. -Project management reports signed by the Florida-registered Professional	- Public involvement plan - Public meetings - Joe's Creek project one-pager - Joe's Creek Project website - Fliers, meetings, and contact with local stakeholders - Copy of printed material for distribution, including text and graphics, link to website material developed and dated - photograph(s) of installed materials at the project location	N/A	
Task 3's Budgetary	Application Task Number	3	N/A	
	Expense budget category	Contractual services	N/A	

Category (if applicable)	Budget Amount	\$ 250,000.00	N/A	
	Match amount	\$ 250,000.00	N/A	
Task 3's Personnel Grantee (if applicable - grantee is performing work)	Application Task Number	N/A	N/A	
	Position Title	N/A	N/A	
	Maximum Hours (rounded to the quarter hour.)	N/A	N/A	
	Maximum Hours Time Unit	N/A	N/A	
	Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)	N/A	N/A	
	Fringe Percent	N/A	N/A	
	Task Number	4	N/A	
	Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.	Land acquisition	N/A	
	Work performed by: -Grantee only -Contractor only -Grantee and contractor	Grantee only	N/A	
	Task Description: include a brief description of the work to be completed with the individual task.	Narrative	Land acquisition of 2 parcels along U.S.-19	
	Goal: Provide a brief description of the goal of the individual task.	Narrative	Goal of the task is to successfully acquire 2 parcels along U.S.-19 to provide enough available storage to reduce flooding upstream	
	Time to completion	1 year	N/A	

<p>Task 4 (if applicable)</p>	<p>Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field.</p> <p>-Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report.</p> <p>-Final report or study to include the process and methodology and any data gaps.</p> <p>-A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting.</p> <p>-Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies.</p> <p>-Project management reports signed by the Florida-registered Professional</p>	<p>- Copies of all appraisals, the closing statement or all closing documents, title exam/insurance, property survey, boundary map and the deed, recorded easement or property interest</p>	<p>N/A</p>	
<p>Task 4's Budgetary Category (if applicable)</p>	<p>Application Task Number</p>	<p>4</p>	<p>N/A</p>	
	<p>Expense budget category</p>	<p>Land acquisition</p>	<p>N/A</p>	
	<p>Budget Amount</p>	<p>\$ 750,000.00</p>	<p>N/A</p>	
	<p>Match amount</p>	<p>\$ 750,000.00</p>	<p>N/A</p>	
<p>Task 4's Personnel Grantee (if applicable - grantee is performing work)</p>	<p>Application Task Number</p>	<p>N/A</p>	<p>N/A</p>	
	<p>Position Title</p>	<p>N/A</p>	<p>N/A</p>	
	<p>Maximum Hours (rounded to the quarter hour.)</p>	<p>N/A</p>	<p>N/A</p>	
	<p>Maximum Hours Time Unit</p>	<p>N/A</p>	<p>N/A</p>	
	<p>Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)</p>	<p>N/A</p>	<p>N/A</p>	
	<p>Fringe Percent</p>	<p>N/A</p>	<p>N/A</p>	
<p>Task Number</p>		<p>5</p>	<p>N/A</p>	

Task 5 (if applicable)	Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.	Bidding and contractor selection (required to be included prior to construction of project includes construction)	N/A	
	Work performed by: -Grantee only -Contractor only -Grantee and contractor	Grantee and contractor	N/A	
	Task Description: include a brief description of the work to be completed with the individual task.	Narrative	Request for Bid and Contractor Selection to advertise the project in accordance with all Pinellas County and grant requirements and select a contractor.	
	Goal: Provide a brief description of the goal of the individual task.	Narrative	Goal of the task is to successfully select a contractor within expected schedule to ensure construction begins on schedule	
	Time to completion	1-6 months	N/A	
	Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field. -Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report. -Final report or study to include the process and methodology and any data gaps. -A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting. -Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies. -Project management reports signed by the Florida-registered Professional	- Public Notice of advertisement for the bid - Complete bid package - Written notice of selected contractor	N/A	
	Application Task Number	5	N/A	

Task 5's Budgetary Category (if applicable)	Expense budget category	Miscellaneous/other expenses	N/A	
	Budget Amount	\$ 50,000.00	N/A	
	Match amount	\$ 50,000.00	N/A	
Task 5's Personnel Grantee (if applicable - grantee is performing work)	Application Task Number	N/A	N/A	
	Position Title	N/A	N/A	
	Maximum Hours (rounded to the quarter hour.)	N/A	N/A	
	Maximum Hours Time Unit	N/A	N/A	
	Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)	N/A	N/A	
	Fringe Percent	N/A	N/A	
	Task Number	6	N/A	
	Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as None-, and enter additional task title in the "Title Other" field.	Construction	N/A	
	Work performed by: -Grantee only -Contractor only -Grantee and contractor	Grantee and contractor	N/A	
	Task Description: include a brief description of the work to be completed with the individual task.	Narrative	Construction of the Joe's Creek improvements to be completed by Contractor	
	Goal: Provide a brief description of the goal of the individual task.	Narrative	Goal of the task is to complete the work performed under budget and on schedule meeting expectations outlined by the designs plans and specifications	
	Time to completion	Other	N/A	

<p>Task 6 (if applicable)</p>	<p>Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field.</p> <p>-Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report.</p> <p>-Final report or study to include the process and methodology and any data gaps.</p> <p>-A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting.</p> <p>-Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies.</p> <p>-Project management reports signed by the Florida-registered Professional</p>	<p>- Purchase order(s) and vendor invoice(s) for delivery, installation, and other necessary costs, as applicable</p> <p>- Dated color photographs of on-going work and a signed acceptance of the completed work</p> <p>- Signed and sealed as-built record drawings of all completed work</p>	<p>N/A</p>	
<p>Task 6's Budgetary Category (if applicable)</p>	<p>Application Task Number</p>	<p>6</p>	<p>N/A</p>	
<p>Expense budget category</p>		<p>Contractual services</p>	<p>N/A</p>	
<p>Budget Amount</p>		<p>\$ 23,861,500.00</p>	<p>N/A</p>	
<p>Match amount</p>		<p>\$ 23,861,500.00</p>	<p>N/A</p>	
<p>Task 6's Personnel Grantee (if applicable - grantee is performing work)</p>	<p>Application Task Number</p>	<p>N/A</p>	<p>N/A</p>	
<p>Position Title</p>		<p>N/A</p>	<p>N/A</p>	
<p>Maximum Hours (rounded to the quarter hour.)</p>		<p>N/A</p>	<p>N/A</p>	
<p>Maximum Hours Time Unit</p>		<p>N/A</p>	<p>N/A</p>	
<p>Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)</p>		<p>N/A</p>	<p>N/A</p>	
<p>Fringe Percent</p>		<p>N/A</p>	<p>N/A</p>	

<p>Submittal - Grantee's Certification Statement</p>		<p>Before submitting, applicants must certify that:</p> <ol style="list-style-type: none"> 1. This application is in all respects fair and submitted in good faith without collusion or fraud; 2. If selected through this application process, the recipient will work in good faith and in partnership with the Department of Environmental Protection to manage its subcontractors in a timely and accurate manner; 3. Any funds awarded as a result of this application process will not be used as match fund to apply for or receive other state funds without departmental review and approval; 4. The undersigned has full authority to bind the applicant. 		<p>N/A</p>	
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