GOMESA PHASE II PROJECT FUNDING

Request for Funding FY2026

Submission ID: #202509291363

PROJECT SUMMARY

1. Title of Project

Turkey Creek Pump Station Sewer Area Inflow and Infiltration Improvements

2. Location of Project

Turkey Creek Geographic Area of Gulfport Mississippi

3. Requesting Organization:

City of Gulfport

4. Requesting Agency Representative

a. Name:	Jeremy Harrison
b. Phone:	2288685740
d. Email:	jharrison@gulfport-ms.gov
c. Address:	4050 Hewes Avenue
	Gulfport Mississippi

5. Funding Requested:

$2500000

6. Have any other State or Federal funding sources been identified for the project?

No

7. If yes, enter amount and source of additional funds:

$

Source of Additional Funds:

8. Total Project Funds

$2500000

9. Provide Brief Project Description/Overview:

The proposed project, Turkey Creek Pump Station Sewer Area Inflow and Infiltration Improvements, will focus on the rehabilitation or replacement of outdated sewer pipes and manholes in order to reduce or eliminate inflow into the sanitary sewer system. The Turkey Creek sewer basin conveys wastewater to the Magnolia (Turkey Creek) Pump Station, which experiences excessive inflow and infiltration (I&I) during rainfall and tidal events. This condition places unnecessary hydraulic loading on the pump station and increases the risk of sanitary sewer overflows, which pose threats to water quality in Turkey Creek and surrounding wetlands.

Specific detailed improvements, such as point repairs, cured-in-place pipe lining, manhole rehabilitation, or replacement of deteriorated segments, will be determined based on the results of a comprehensive study currently underway and funded by the City of Gulfport. This study will provide prioritized recommendations for the most effective measures to reduce I&I within the Turkey Creek sewer collection system.

By addressing these deficiencies, the project will improve the reliability and resilience of the sanitary sewer system, protect environmentally sensitive resources, and ensure continued compliance with state and federal environmental regulations. The improvements will also extend the useful life of the existing infrastructure, reduce the potential for costly emergency repairs, and mitigate the risks of untreated wastewater entering Turkey Creek and adjacent coastal waters.

10. LIST Project Goals/Objectives:

The primary goals/objectives of the Turkey Creek Pump Station Sewer Area Inflow and Infiltration Improvements project is to reduce or eliminate inflow and infiltration (I&I) into the sanitary sewer system in order to improve system reliability, protect water quality, and safeguard environmentally sensitive areas. The project is designed to address aging infrastructure that contributes to excess hydraulic loading of the Magnolia (Turkey Creek) Pump Station and increases the risk of sanitary sewer overflows.

Specific objectives of the project include:
1. Rehabilitate or replace deteriorated sewer pipes, manholes, and service connections contributing to I&I.
2. Implement corrective measures identified in the City of Gulfport's ongoing sewer system study, ensuring that improvements are prioritized based on the most critical needs.
3. Reduce hydraulic loading on the Magnolia Pump Station and downstream facilities, thereby extending the useful life of existing infrastructure and deferring costly capacity expansions.
4. Protect the water quality of Turkey Creek and its associated wetlands by minimizing the risk of sanitary sewer overflows and reducing untreated wastewater discharges.
5. Support compliance with state and federal environmental regulations while enhancing the resilience of critical sewer infrastructure in a coastal community vulnerable to rainfall and tidal events.
6. Provide long-term cost savings for the City of Gulfport through reduced emergency maintenance and improved operational efficiency of the sewer system.

11. Which of the following authorized uses set forth in the GOMESA Act does this project fall under? Explain SPECIFICALLY and in detail how the project meets the required criteria. Check all that apply - At least one must be checked.

☒ (A) Projects and activities for the purposes of coastal protection, including conservation, coastal restoration, hurricane protection, and infrastructure directly affected by coastal wetland losses

By reducing inflow and infiltration and minimizing the risk of sanitary sewer overflows, the project will help protect the water quality of Turkey Creek and its adjacent wetlands. These wetlands provide natural storm surge buffering, habitat for wildlife, and recreational value. The project therefore contributes to the conservation and enhancement of important coastal

resources.

☒ **(B) Mitigation of damage to fish, wildlife, or natural resources.**

Sanitary sewer overflows resulting from excessive I&I pose risks to fish and wildlife habitats within the Turkey Creek watershed. This project directly mitigates those risks by improving sewer system performance, reducing the likelihood of untreated wastewater entering Turkey Creek, and protecting sensitive aquatic and wetland ecosystems.

☒ **(C) Implementation of a federally-approved marine, coastal, or conservation management plan**

The project supports objectives of federally approved plans such as the Coastal Zone Management Act program and Gulf of Mexico Alliance priorities, which emphasize protecting water quality, enhancing community resilience, and maintaining healthy ecosystems. By addressing sewer-related threats to coastal waters and wetlands, the project is consistent with these management plans.

☒ **(D) Mitigation of the impact of Outer Continental Shelf activities through funding of onshore infrastructure projects.**

The Gulf Coast region’s sewer infrastructure is directly affected by population growth and development pressures associated with OCS energy activities. By rehabilitating outdated sewer pipes and manholes and reducing I&I, the project improves the

resilience of onshore infrastructure and mitigates environmental impacts linked to OCS activity in coastal Mississippi.

12. Project Timetable/Milestones:

Upon DMR Notice to Proceed:
July 2026

Bidding and award of contract: July 2026 to September 2026

Construction project: October 2026 through October 2027

13. Project Timing

Short-term (3 year or less)

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APPLICATION SUMMARY QUESTIONNAIRE

14. Current status of architectural/engineering plans & specifications for this project (if applicable):

Group 1:

In Progress

Group 2:

Funds budgeted

15. In what way does this project meet the goals and objectives of the Department of Marine Resources, which includes enhancing, protecting and conserving the marine interest of Mississippi for present and future generations.?

The Turkey Creek Pump Station Sewer Area Inflow and Infiltration Improvements project directly supports the goals and objectives of the Mississippi Department of Marine Resources (DMR) GOMESA Program. The program is focused on enhancing, protecting, and conserving the coastal and marine resources of Mississippi for the benefit of present and future generations.

This project will reduce inflow and infiltration (I&I) into the sanitary sewer collection system, thereby lowering the risk of sanitary sewer overflows that could discharge untreated wastewater into Turkey Creek and adjacent wetlands. By preventing such discharges, the project will protect water quality, support healthy ecosystems, and sustain the environmental integrity of the Turkey Creek watershed.

The improvements will also enhance the resilience and reliability of critical public infrastructure serving a historically significant community, helping to safeguard coastal resources from the compounded impacts of urban development, stormwater intrusion, and climate-related stressors. These outcomes are consistent with DMR’s objective to balance infrastructure needs with the conservation of natural resources.

Additionally, the project demonstrates readiness for implementation, with a City-funded study currently underway to define specific rehabilitation and replacement measures. This ensures that the GOMESA investment will be used efficiently, based on technical data and prioritized needs, while producing long-term benefits for both the community and the coastal environment.

In summary, the project advances DMR GOMESA goals by protecting water quality, preserving sensitive habitats, improving infrastructure resilience, and enhancing the quality of life for coastal residents.

16. Estimated number of years to completion:

1.5

17. Estimated Completion Date:

October 31, 2027

18. Prioritize if your agency has submitted multiple projects:

There will be multiple FY2026 project applications submitted. This is the #5 priority project application.

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BUDGET

Category	Total
Salaries	
Travel	
Architecture & Engineering	465000
Legal	
Consulting	
Construction	2500000
Site Work	
Equipment	
Indirects	
Other	
Total	2965000

Attachments

1. 5-turkey-creek-sewer.pdf

☒ I hereby certify under penalty of perjury that all information contained in this application packet is true and correct. I have not knowingly or intentionally provided any false information. I understand that a false statement on this application may be grounds for rejection of my application or termination of the award. In addition, a false statement may be punishable under applicable state or federal laws, which may also result in a fine and/or imprisonment.

☒ I certify that the above referenced agency / entity has given me the authority to submit this application.

Name	Phone	Date
JEREMY HARRISON	2288685740	09/29/2025

Turkey Creek Pump Station Sewer Area
Inflow and Infiltration Improvements