

May 29, 2025

Mr. Gregory C. Alfsen, P.E.
Project Manager
State Revolving Fund Program
Division of Water Restoration Assistance
3900 Commonwealth Blvd, MS 3505
Tallahassee, FL 32399-3000

Sent via email to: Gregory.Alfesen@FloridaDEP.gov

RE: Request for Inclusion
City of Hollywood, Florida
Bypass Bar Screen – WW0604G

Dear Mr. Alfsen:

The following is the response to your request for information dated May 7, 2025, regarding the Emergency Bar Screen By-Pass project.

Request for Inclusion (RFI):

1. *The construction costs (\$11.1 million) in item 6 and construction schedule (12-months) in item 7 of the RFI do not match the construction costs (\$7.2 million) and construction schedule (20-months) in the FP. Please revise the RFI or the FP accordingly.*

The construction cost and construction schedule in the FP were based on planning level estimates. A more detailed cost estimate has been uploaded as "RFI Attachment 1-Cost Estimate". The RFI has been revised per the latest budget need and project schedule and uploaded as "RFI Attachment 1-Revised RFI". It should be noted that the RFI includes additional costs for technical services, etc.

2. *This project only qualifies for a base priority score of 340 points (see item 9.a.6. of the RFI). Please revise the RFI accordingly.*

The RFI has been revised accordingly and has been uploaded as "RFI Attachment 1-Revised RFI."

Facilities Plan (FP): *Submit a response to this request for information by 5/2/25 to allow SRF sufficient time for review and approval. FP must be approved by SRF via 'letter to sponsor' no later than 5/30/25 to be eligible for construction funding. Noted.*

1. *Present worth calculation and life cycle costs for each of the alternatives in the alternatives analysis to include operations & maintenance, utilities, and repair/replacement costs over a 20-year period. Include specifics of the equipment and piping components (e.g. length of pipe) and a detailed project costs breakdown.*

The detailed project cost breakdown has been uploaded as "RFI Attachment 1-Cost Estimate."

Project Component	Life Cycle	Installation Costs*	O&M Costs/Year
Screen Structure	50 Years	\$1.3M	\$13,000
72-inch FRP/GRP Pipe	100 Years	\$0.6M	\$6,000
Bar Screen	20 Years	\$1.0M	\$50,000

**Planning level costs.*

2. *Discussion of the advantages & disadvantages/pros & cons of the bar screens selected for the alternatives analysis. Also present in a table format.*

Please refer to Section 3 of the uploaded “FP Attachment 2-Planning Document” for a comparison of the advantages and disadvantages of the bar screens evaluated.

3. *Discussion/recommendation of the selected alternative for equipment and piping. Include reasons for the selection.*

The Duperon bar screen was selected based on its history of both wastewater and stormwater applications. The existing bar screens failed after major storm events.

While the incorporation of a pipe lining will serve to delay the degradation, use of FRP/GRP pipe, which is inert to the anticipated corrosion mechanisms, would provide a superior pipe material for this application compared to other alternatives.

Please refer to Section 8 of the uploaded “FP Attachment 2-Planning Document” for additional details.

4. *Useful life for each component of the project and an average useful life. Complete the attached Useful Life Certification.*

The useful life of the bypass project is anticipated to be above 20 years (50 years for the screen structure, 100 years for the pipe, and 20 years for the bar screen). Please refer to the uploaded “FP Attachment 4-Useful Life Certification.”

5. *Complete the attached Cost and Effectiveness Certification.*

The Cost and Effectiveness Certification has been uploaded as “FP Attachment 5-Cost and Effectiveness Certification.”

6. *Discussion of the environmental impact of this project and if the project will introduce any significant adverse environmental effects.*

The project is located within the Southern Regional Wastewater Treatment Plant. The project area is approximately 300 feet by 100 feet, and is located next to existing bar screen facility, primarily within a paved area. The project construction area is located between two existing structures (interceptor box and junction box), and therefore, no environmental impacts are anticipated. The City will relocate trees, if any need to be removed. Best management practices to mitigate typical construction impacts such as noise and dust are anticipated to be implemented.

Please refer to the uploaded “FP Attachment 6 – Proposed Layout.”

7. Justification and supporting documentation (if applicable) that the proposed project will not have any significant adverse effects upon flora, fauna, threatened or endangered plant or animal species, surface water bodies, prime agricultural lands, wetlands, or undisturbed natural areas.

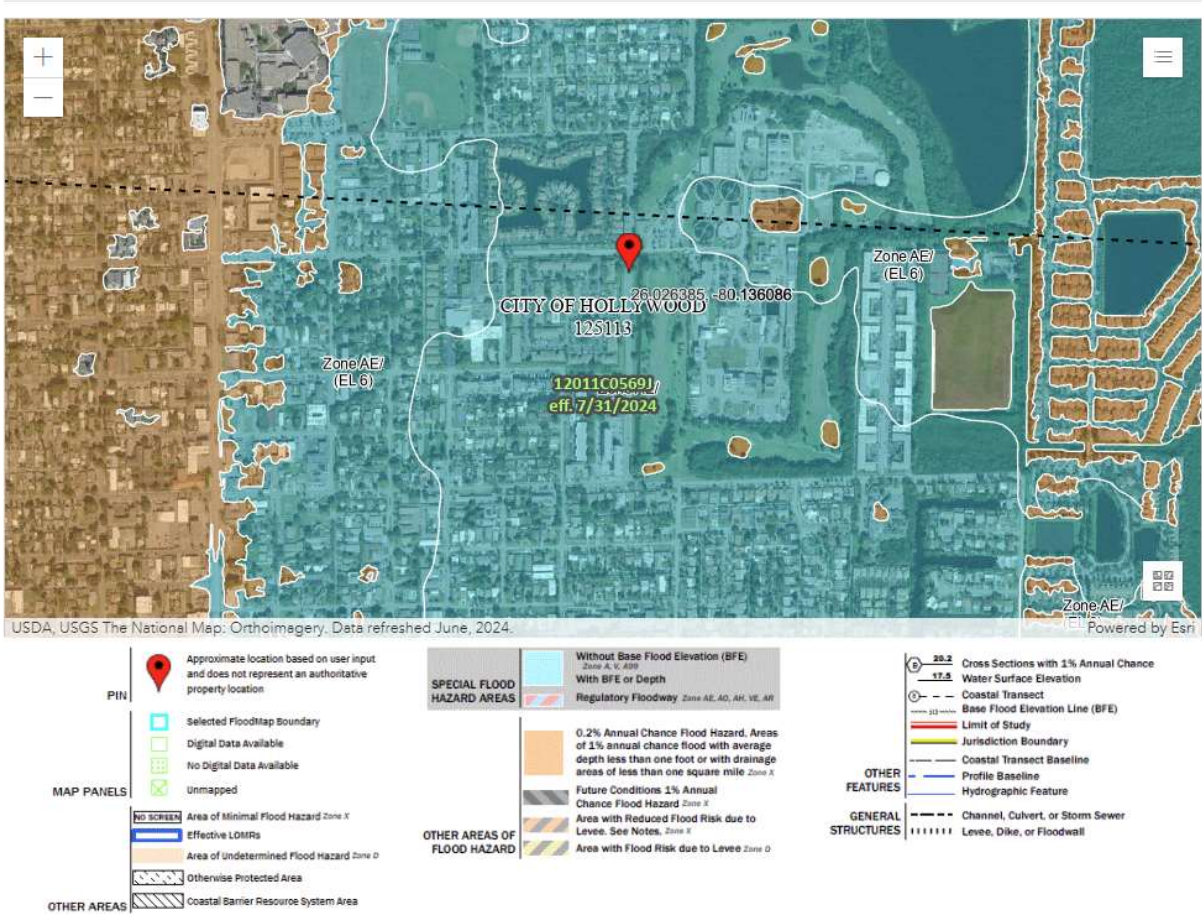
Please refer to the response to Question No.6.

8. Justification and supporting documentation (if applicable) that the proposed project will not have any significant adverse human health or environmental effects on minority or low-income communities.

Please refer to the response to Question No.6.

9. Discussion of the 100-year flood plain in relation to this project and provide supporting documentation, e.g. FEMA maps.

The project is located within Zone AE. The FEMA map is provided below. All electrical equipment will be installed above the flooding elevation.



10. *Documentation that a public meeting was held to include newspaper advertisement with affidavit and meeting minutes. Public meeting must address alternatives analysis and selection, environmental impact, monetary costs to the public/user, and floodplain mitigative actions (if applicable)*

The public meeting is currently being scheduled.

11. *A resolution from the City's commission board that states the facilities plan will be accepted and implemented. Resolution must be signed after the public meeting.*

The public meeting is currently being scheduled and the resolution issued will be issued after.

12. *Complete the attached Capital Financing Plan and include proposed system of charges, rates, fees, and other collections that will generate revenues to be dedicated to loan repayment.*

The Capital Financing Plan has been uploaded as "FP Attachment 12-Capital Financing Plan."

13. *Complete the attached Fiscal Sustainability Plan certification.*

The Fiscal Sustainability Plan certification has been uploaded as "FP Attachment 13-Fiscal Sustainability Plan Certification."

14. *Detailed project schedule discussed in the facilities plan.*

The project schedule has been uploaded as "FP Attachment 14-Project Schedule."

15. *The facilities plan must be signed, dated, and sealed by a professional engineer licensed in the State of Florida.*

The signed and sealed planning document has been uploaded as "FP Attachment 2-Planning Document."

Plans & Specifications (P&S): *Submit a response to this request for information no later than 5/30/25 to be eligible for construction funding.* Noted.

16. *Project specifications.*

The project specifications have been uploaded as "P&S Attachment 16-Specifications."

17. *Front-end bid documents to include the attached SRF Supplementary Conditions for construction and equipment procurement. Please note that this project may need to meet the Build America, Buy America (BABA) provision*

The front-end bid documents have been uploaded as "P&S Attachment 17-Front End Docs."

18. *Construction permit.*

The construction permit have been uploaded as "P&S Attachment 18-Construction Permit."

19. *Complete the attached site certification.*

The site certification has been uploaded as "P&S Attachment 19-Site Certification."

20. *Complete the attached CCNA certification indicating that the design engineer was competitively selected to complete the design drawings and conduct the technical services during construction. Please note that this project appears to exceed the construction cost threshold for use of a continuing contract for technical services.*

The City is currently advertising a Request For Qualifications (RFQ) for construction management and technical services. Please refer to the uploaded "P&S Attachment 20 – RFQ."

21. *The construction drawing/plans indicate that additional work is to be completed, e.g. clarifier and injection well repair. This work is not discussed in the FP. Please provide an explanation.*

Clarifier and injection well repair are separate projects, which are not included in this funding request. The correct drawing set has been uploaded as "P&S Attachment 21 – General, Civil, Mechanical, Structural and Instrumentation Drawings."

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in blue ink that reads "Giselle Hipolito".

Giselle Hipolito
Engineering Support Services Division Manager