

Project No. Q246		Reclaimed – Tampa Hillsborough River MFL "PURE" Project		
City of Tampa		FY2022		
Risk Level: Type 2		Multi-Year Contract: Yes, Year 1 of 7		
Description				
Description:	Third-party review (TPR), modification of 30% design plans including adjustments to the outfall structure, additional water treatment elements, and regulatory activities for the PURE project. A portion of the design that has already been completed solely by the City includes transmission mains and appurtenances to supply Advanced Wastewater Treatment (AWT) quality reclaimed water to the City's recharge/recovery system. Under PURE, the City plans to implement a recharge/recovery system to treat, store and recover AWT quality reclaimed water in the aquifer for subsequent delivery to the Tampa Reservoir/Lower Hillsborough River. Though the City plans to utilize approximately 50 mgd, the CFI project is only considering the replacement of 13.7 mgd which represent the contributions of Sulphur Springs and Morris Bridge Sink (approximately 27.4%) to the minimum flow of the Lower Hillsborough River. The project requires TPR because the conceptual construction estimate is greater than \$5 million dollars.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the 30% design plans.			
Costs:	Total project cost: \$440,000 (TPR and 30% design) City of Tampa: \$379,720 District: \$60,280 (50% of the 27.4% associated project costs (13.7mgd/50mgd)) requested in FY2022. The conceptual estimate for total project cost, including design, TPR, permitting and construction is \$300,000,000. It is anticipated that the City will request funding to complete design, permitting and construction in future years.			
Evaluation				
Application Quality:	Medium	District PM/CM had to work with cooperator to obtain remaining required information.		
Project Benefit:	High	The benefit of the project if constructed is the replacement of 13.7 mgd of flows from Sulphur Springs and Morris Bridge Sink used to meet the Lower Hillsborough River minimum flow.		
Cost Effectiveness:	High	The 30% design and TPR costs of this project are below the average of similar projects. The initial total cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 7 ongoing projects.		
Complementary Efforts:	High	The City has numerous codes related to water conservation in plumbing, water use restrictions, increase in water restriction violation fines, landscaping, rain sensor requirement and schedule of water rates.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Minimum Flows and Levels Establishment and Recovery: Establish and monitor MFLs, and, where necessary, develop and implement recovery plans to prevent significant harm and reestablish the natural ecosystem. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as a High Priority	The City is requesting funds to modify the City-funded 30% design plans and TPR. The results from the 30% design and TPR will provide the District with better information to confirm costs and resource benefits. The District's reduced cost-share is based on the project replacing flows from Sulphur Springs and Morris Bridge Sink used to meet the Lower Hillsborough River minimum flow. The resource benefits of eliminating the diversion of Sulphur Springs flows will be evaluated in the proposed Q236 Sulphur Springs Feasibility Study.			
Funding				
Funding Source	Prior	FY2022	Future	Total
District	\$0	\$60,280	\$41,039,720	\$41,100,000
City of Tampa	\$0	\$379,720	\$258,520,280	\$258,900,000
Total	\$0	\$440,000	\$299,560,000	\$300,000,000

*Conceptual cost estimate, subject to Governing Board Approval