

Proposal to Provide Townwide Stormwater Pump Station Condition Assessment

The services proposed herein will be performed under the terms and conditions of the Agreement for professional services between the Town of Palm Beach (Town) and Mock•Roos, dated July 10, 2019, as amended on July 6, 2022.

A. Project Description:

The Town has requested that Mock•Roos conduct a townwide stormwater pump station condition assessment to assist the Town in determining the overall condition of the Town's thirteen (13) existing stormwater pump stations and prepare conceptual level cost estimates for implementing necessary capital improvements and/or for establishing budgets for future capital improvements. Pump Stations D-14, D-16, and D-18 have been recently rehabilitated and a site visit to review the condition of each of these pump stations is not included. At the Town's request, Mock•Roos anticipates performing the following Scope of Services as outlined in **A. Scope of Services** below.

B. Scope of Services:

Task 1 – Townwide Stormwater Pump Station Condition Assessment

1. Attend a kickoff meeting with Town staff. Discuss and request available documents and data to be reviewed as part of the condition assessment. Coordinate with Town staff to identify pump station related improvements that are currently scheduled for completion or have been completed since the last pump station condition assessment report that was completed by Mock•Roos in 2015.
2. Develop and populate a Town specific field form for each of the pump stations based on available asset information provided by the Town. This form will be populated with the condition of major components of each pump station including: Staff known issues, site improvements, pumping system, building, intake bay, controls, power, and additional observations.
3. Conduct site visits to each of the pump stations (Excluding the recently rehabilitated D-14, D-16, and D-18 Pump Stations) with Town staff and Electrical and Structural subconsultants to observe the condition of each of the pump stations. The field form and photos will be used to document known and identified issues at each of the pump stations. The field form assets will be verified where possible while onsite and updated based on actual site information to document the current condition of each pump station. It is anticipated that a site visit will be conducted to review the Civil, Mechanical, and Structural assets and then a separate site visit will be conducted to review the Electrical assets.
4. Develop a list of improvements for each of the pump stations and attend up to two (2) coordination meetings with Town staff to review the available information and an identified list of improvements.
5. The agreed-to improvements will be organized into Townwide or specific projects and prioritized. A conceptual level Engineers Opinion of Probable Construction Cost anticipated to be consistent with a Class 4 estimate will be developed based on the improvements associated with each project. A project sheet defining the proposed improvements for each project identified for implementation within a 5-year window will be developed along with up to two (2) alternate projects. Projects

identified for implementation within a 1 -year window will have a Class 4 Engineers Opinion of Probable Construction Cost Developed. These projects will be incorporated into a Capital Improvements Program format with the future value of the projects, at an agreed to rate increase per year, distributed into a design and construction phase for the selected fiscal year that the project is scheduled to start. Overall life expectancy and replacement value for large components (building, roof, seawall, intake bay, pumps and cans, fuel tank, discharge piping, electrical controls, generator) identified at each of pump station will be provided to the Town in an agreed to Excel format.

6. Update the Town's current pump station condition assessment report based on recently completed projects and the result of the field meetings. Prepare additional sections of the report to document the results of this condition assessment including in appendices the site photos and available records.
7. Attend a review meeting with the Town to discuss the draft project sheets and CIP. Make revisions based on feedback from the Town and provide a final report. The final report will include up to five (5) bound hard copies with tabs and an electronic submittal.
8. Provide, manage, and coordinate the services of engineering subconsultants for their respective disciplines of work.

C. Assumptions

It is assumed that the Town will have access to the pump stations and assets that the Town wants the consultant to review. This will include access to electrical equipment, panels, the roof, and to the pump station intake bays, provide ladders, gas monitoring and ventilation equipment that may be required for entry and performing lock out/tag.

D. Fee and Rates:

The total fee to provide the Scope of Services outlined above is not to exceed \$100,000. Mock•Roos will complete the Scope of Services on an hourly basis at Mock•Roos' hourly rates, plus reimbursable expenses. See Attachment A for estimate of hours.

E. Acceptance and Authorization to Proceed:

This proposal is acceptable and Mock•Roos has authorization to proceed with the Scope of Services upon Mock•Roos receiving a Purchase Order for these services.

MOCK•ROOS

Signed:  _____

Name: Garry G. Gruber, P.E.

Title: Senior Vice President

Date: May 3, 2023

Town of Palm Beach
Townwide Stormwater Pump Station Condition Assessment
EXHIBIT A
Mock•Roos PA#C3008.00

Task Description	Labor Categories						Total
	Project Director	Senior Project Manager	Senior Engineer	Project Engineer III	Senior Administrative Assistant	Subconsultant	
Labor Hourly Billing Rate	\$195.00	\$175.00	\$170.00	\$150.00	\$70.00		
Townwide Stormwater Pump Station Condition Assessment							
1 Kickoff meeting and Data collection	2	4	2	2	2		\$ 1,870
2 Develop and Populate Field Form		2	4	20	2		\$ 4,170
3 Site Visits and Condition Documentation	4	20	40	40			\$ 17,080
4 List of Improvements and Coordination Meetings	2	16	20	52			\$ 14,390
5 Develop EOPCC and Capital Improvements Program	2	16	20	46	2		\$ 13,630
6 Condition Assessment Report	8	40	8	40	2		\$ 16,060
7 Draft Report Review with Town and Final Report	2	8	4	16			\$ 4,870
8 Management/Coordinate Subs	2	4			4		\$ 1,370
C&W Engineering, Inc.						\$11,500	\$ 11,500
WGI, Inc.						\$12,000	\$ 12,000
<i>Subtotal</i>	\$ 4,290	\$ 19,250	\$ 16,660	\$ 32,400	\$ 840	\$ 23,500	\$ 96,940
						Expenses	\$ 1,000
(Hourly Not to Exceed) Project Total							\$97,940