



Memorandum

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MEMORANDUM

To: Honorable Mayor and Town Council

From: Rafael G. Casals, Town Manager

Date: January 17, 2018

Re: Issuance of an Invitation to Bid (ITB): Saga Bay 1.2 Sub-Basin Water Quality Improvement Project

REQUEST

A RESOLUTION OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF CUTLER BAY, FLORIDA, AUTHORIZING THE ISSUANCE OF AN INVITATION TO BID (ITB) FOR CONSTRUCTION SERVICES FOR THE SAGA BAY 1.2 SUB-BASIN WATER QUALITY IMPROVEMENT PROJECT; AND PROVIDING FOR AN EFFECTIVE DATE.

BACKGROUND AND ANALYSIS

The Town of Cutler Bay (the “Town”) is interested in advertising an Invitation to Bid (ITB) for construction services for drainage improvements for the Saga Bay 1.2 Sub-Basin Water Quality Improvement Project (the “Project”). The Project limits include the following local streets: north of SW 198 Terrace, south of SW 196 Street, east of SW 81 Court and west of SW 78 Avenue, as well as roadway resurfacing as per plans and specifications. This project is part of a Capital Improvement Project to improve the stormwater management system and treat runoff pollutants within this sub-basin.

On August 20, 2008 the Town adopted the Stormwater Master Plan via Resolution No. 08-50 for the purpose of identifying opportunities to protect surface water quality and reduce flooding within the Town. The Stormwater Master Plan studied seventeen (17) sub-basins and is comprised of the following components:

- A review of existing stormwater and drainage data, reports, and plans available through SFWMD, Miami-Dade County, and Town sources;
- A field inventory of existing drainage structures;
- A drainage atlas including the type, size, and general location of drainage infrastructure elements;
- Basin and Sub-Basin delineations based on available survey data and other sources;
- Hydrologic and hydraulic modeling analysis of the existing systems and their capacity to handle the 5-year/24-hour, 10-year/24-hour, 25-year/72-hour, 50-year/72-hour, and 100-year/72-hour storm events;
- Identification and analysis of alternatives for improvements needed to alleviate deficiencies identified in the hydrologic and hydraulic modeling phase; and

- Development of an optional Capital Improvement Plan (CIP) to implement the identified improvements

On December 14, 2016, the Town approved Resolution No. 16-68 selecting R.J. Behar & Company, Inc. for design services for the Project. The work includes; installation 10 catch basins; installation of 8 manholes; installation of 41 LF of 15” Round Pipe; installation of 121 LF of 18” Round Pipe; installation of 753 LF of 24” Round Pipe; installation of 10 LF of 42” Round Pipe (including two concrete collars); installation of 400 LF of 24” French Drain; and milling and resurfacing as per plans and specifications (*Attachment “A”*).

The sub-basin is developed with single family residential and multifamily dwellings, located near Saga Lake Park. The current drainage system in this sub-basin consists of isolated French Drains and Catch Basins. Roadside swales also provide some water quality pre-treatment and storage of roadway run-off. The existing drainage infrastructure in the Saga Bay 1.2 Sub-Basin does not discharge adequate runoff to meet the desired performance criteria adopted in the Town’s Stormwater Master Plan. The capacity of the existing roadside swales and French Drains are not sufficient to discharge the volume of runoff and treat pollutants.

Invitation to Bid (ITB) No. 18-01 has been prepared to identify the best available contractor to provide construction services for the Project. Town Code Chapter 24, Article II, requires the Town Manager to obtain authorization from the Town Council in order to advertise solicitations for bids and proposals, prior to advertising the public notice.

The Town has budgeted for the Project within the Town’s Public Works 2017-2018 Fiscal Year Operating Budget. Funding for this project will be provided by a State of Florida Department of Environmental Protection Legislative Appropriation Grant in the amount of \$165,000 and the remainder will be funded with the Town’s Stormwater Utility Funds.

RECOMMENDATION

We recommend that the attached Resolution be adopted, authorizing the Town Manager to issue an Invitation to Bid No. 18-01 for construction services for the Saga Bay 1.2 Sub-Basin Water Quality Improvement Project be adopted.

ATTACHMENTS

- Attachment “A” - Saga Bay 1.2 Sub-Basin Drainage Improvement Project Plans