



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:		Item Type:		1 st Reading	2 nd Reading
12/2/2020		<input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Other	Ordinance Reading	N/A	N/A
File No.:			Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
			Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
20-457			Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):		Account Balance (\$):	Funding Source:	Project Number:	
\$75,000		\$75,000	150-4887-534010-G2107 FDEP Florida Resilient Coastlines Grant	G2107	
Contract/P.O. Required		RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	RFP #2013-2014-006 – Continuing Services Agreement	James Sylvain, Director	Public Works	
Strategic Plan Focus Areas:					
<input type="checkbox"/> Financial		<input type="checkbox"/> Organizational Capacity	<input checked="" type="checkbox"/> Infrastructure	<input type="checkbox"/> Development, Redevelopment and Economic Development	
Implementation Timeline					
Estimated Start Date: 12/2/2020 Estimated End Date: 6/30/2021					

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING AWARD OF CONSULTANTS COMPETITIVE NEGOTIATION ACT TASK ASSIGNMENT TO STANTEC CONSULTING SERVICE, INC. TO PRODUCE THE STORMWATER MANAGEMENT SYSTEM – INFRASTRUCTURE ADAPTATION IN AN AMOUNT NOT-TO-EXCEED SEVENTY-FIVE THOUSAND DOLLARS (\$75,000); AUTHORIZING CITY MANAGER TO EXECUTE RELATED DOCUMENTS; AND PROVIDING AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission's approval to retain the services of Stantec Consulting Service, Inc. to produce the Stormwater Management System – Infrastructure Adaptation Plan, in accordance with RFP #2013-2014-006 – Continuing Services Agreements for an amount not-to-exceed of \$75,000.00.

Background:

The City of Hallandale Beach has been working to improve awareness and reduce risk related to climate change since at least 2016. In 2020 alone the City has adopted an updated Unified Sea Level Rise Projection for use in planning, infrastructure design, and infrastructure construction, adopted its first Vulnerability Assessment and Adaptation Plan, and adopted a Post-Disaster Redevelopment Plan which incorporates resilience to sea level rise. In October 2019 the City was selected as one of two cities in the United States to beta-test a new NOAA Stormwater Resilience tool which shed light on the need to do a bigger scale assessment of the City's stormwater infrastructure given future sea level rise projections. These advances in climate action in 2020 help with a city-wide adaptation approach, but given the frequency of flooding in the City it has become apparent that a sea level rise vulnerability assessment specifically of stormwater infrastructure is imperative.

The City Commission approved Resolution 2020-005 authorizing the City to submit grant applications for grant programs identified as part of the citywide grant program. The Florida Resilient Coastlines Program (FRCP) 2020/2021 is one of the grants identified in the grant program. This grant is sponsored by the Florida Department of Environmental Protection (FDEP). Staff applied for this grant to conduct the Stormwater Sea Level Rise and Resiliency Plan. This year, FDEP awarded the City with this grant in the amount of \$75,000.

Current Situation:

The City received an email notification on August 3, 2020 of the City being selected as a recipient of Grant Award-R2131 from FDEP in the amount of \$75,000. The City was made aware that the Florida Department of Environmental Protection (FDEP) agency funds became available in an award letter date October 26th, 2020 (Exhibit 2). The grant agreement was fully executed on October 27th, 2020 (Exhibit 3). The City needs to select a consultant as soon as possible, in order to meet FDEP's grant deadline of June 30, 2021. Stantec Consulting Service, Inc. submitted the proposed scope of work to the City on November 3, 2020 (Exhibit 4).

Given the grant funding constraints, this grant will focus on three critical areas of the City which are tidally influenced and have reported multiple flooding issues:

1. Northeast Drainage Basin
 - a. NE 14th Ave between Hallandale Beach Blvd and Atlantic Shores
2. Southwest Drainage Basin
 - a. Schafer Canal
3. Coastal Corridor
 - a. Barrier island infrastructure from Hallandale Beach Blvd to County Line Road

This proposed plan will evaluate the City's "at-risk" critical infrastructure – specifically Stormwater Utilities. This Plan will evaluate all these infrastructure components in four different sea-level rise scenarios (different sea level rise levels). Once these infrastructure components have been evaluated and a subset has been identified of the most "At-Risk" infrastructure, a comprehensive resiliency plan will be developed that will outline the methodology of the study, but more importantly, provide recommendations for potential capital improvement strategies as well as recommendations to future zoning and/or development code that can help future development account for sea-level rise appropriately.

The scope of work for this includes:

- Project Kickoff & a Public Information Workshop
- Stormwater System Mapping & Data Collection
- Public Workshop & 30-Day Public Comment Period
- GIS-based Vulnerability Assessment of Stormwater Infrastructure utilizing 1 ft, 3 ft, 5 ft, and 10 ft of sea level rise
- Produce Stormwater Sea Level Rise and Resiliency Plan; and
- Project Management

Why Action is Necessary:

Pursuant to Chapter 23, Section 23-4, Competitive Bidding Required, all purchases of and contracts for equipment, supplies and contractual services, when the estimated cost shall exceed \$50,000.00 shall be based on competitive bids. Furthermore, pursuant to Chapter 23, Section 23-6, Award of Contract, the City Manager, shall have the authority to recommend to the City Commission award of contracts.

Cost Benefit:

The plan will outline methodology, at-risk features, and recommendations for current infrastructure as well as future developments. The ArcGIS Online Story Map will outline the same information. This app can be used as an informative tool for the public and used as a tool to better plan for future CIP funding projects and track progress of resiliency related construction activities.

PROPOSED ACTION:

City Commission to approve retaining the services of Stantec Consulting Service, Inc. to produce the Stormwater Management System – Infrastructure Adaptation Plan, in accordance with RFP #2013-2014-006 – Continuing Services Agreements for an amount not-to-exceed of \$75,000.00.

ATTACHMENT(S):

Exhibit 1 – Resolution
Exhibit 2 – R2131 - Award Letter
Exhibit 3 – R2131 - Fully Executed Grant Agreement
Exhibit 4 – Stantec Coastal Resiliency Statement of Work