



## Legislation Text

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**File #: 18-205, Version: 1**

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**TO: Mayor and Commissioners**  
**FROM: Missie Barletto, Deputy Director of Program and Project Management**  
**THROUGH: Mark R. Lauzier, City Manager**  
**DATE: April 17, 2018**

APPROVE RESOLUTION NO. 19-18 AUTHORIZING A GRANT AGREEMENT WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IN THE AMOUNT NOT-TO-EXCEED \$51,527 FOR MANAGEMENT OF THE CITY OF DELRAY BEACH'S (CITY) SHORE PROTECTION PROJECT (PROJECT NO.17-081)

**Recommended Action:**

Motion to approve Resolution No. 19-18 authorizing a Grant Agreement with the Florida Department of Environmental Protection (FDEP) for assistance with funding the City's Shore Protection Project (Project No. 17-018) in the not-to-exceed amount of \$51,527.

**Background:**

The City of Delray Beach's (City) Beach Nourishment Program includes the design, permitting, construction and monitoring of approximately 2.6 miles of shoreline. The primary focus of the program is to provide for the protection and enhancement of the beach and coastal resources in accordance with State and Federal permit conditions.

The City holds a Joint Coastal Permit (JCP), Permit No.0303553-001-JC, with the Florida Department of Environmental Protection (FDEP) and the United States Army Corp of Engineers (USACE) for sand nourishment of the beachfront with offshore borrow areas. The JCP requires the City to perform certain activities, known as "conditions" of the permit. These conditions are specific to the beach nourishment / construction activities, and include marine turtle and manatee protection, monitoring and reporting. The JCP also requires annual post-construction physical beach monitoring studies for three-years following sand nourishment events. The City has participated in eight beach nourishment projects from 1973 to 2012, with the most recent sand renourishment project completed in 2014 in response to damages incurred by Hurricane Sandy in 2012.

The Delray Beach Shore Protection Program includes annual surveys of conditions both on the beach and offshore, a beach tilling event and marine turtle monitoring. The monitoring data is used to asses, with quantitative measurement, the performance of the beach replenishment projects. The monitoring data provides the City and FDEP information necessary to plan for the next renourishment project, evaluate beach performance and optimize the design of the next beach renourishment project. Other activities performed as a part of the Shore Protection Program, not performed annually, but as required for the beach nourishment construction events include geotechnical reports (sand search) engineering, permitting, construction and construction oversight and testing.

Pursuant to Sections 161.091 - 161.161, Florida Statutes, the FDEP provides financial assistance to

eligible governmental entities for beach erosion control and inlet management activities under the Florida Beach Management Funding Assistance Program.

Under this grant agreement, the FDEP will provide the City with reimbursement of the Shore Protection Project post-construction monitoring activities performed in 2016 and 2017, including surveys of the beach and offshore, a beach tilling event and marine turtle monitoring in the not-to-exceed amount of \$51,527.

The consulting services proposed herein were programmed on the Capital Improvement Program budget for Fiscal Year 17/18.

**City Attorney Review:**

Approved as to form and legal sufficiency. Resolution Number 19-18 and the Legal Review Checklist is attached.

**Funding Source/Financial Impact:**

This City's Shore Protection Project has been in place since 1973 and is approved annually in the Capital Improvement Program. This grant will reimburse the City for the permit-required 2016 and 2017 monitoring services including surveys of the beach and offshore, a beach tilling event and marine turtle monitoring.

**Timing of Request:**

This item is time sensitive as it provides a reimbursement for services received in 2016 and 2017.