



Legislation Details (With Text)

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Title: SERVICE AUTHORIZATION NO. 3 WITH CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC. FOR COAST ENGINEERING SERVICES FOR THE CITY'S BEACH MANAGEMENT PROGRAM

Sponsors: Environmental Services Department

Indexes:

Code sections:

Attachments: 1. Service Authorization No.3, 2. CAO for CB&I Environmental & Infrastructure, Inc

Date	Ver.	Action By	Action	Result
6/6/2017	1	City Commission	approved	

TO: Mayor and Commissioners
FROM: Dale S. Sugerman, Ph.D., Assistant City Manager
THROUGH: Chief Neal de Jesus, Interim City Manager
DATE: June 6, 2017

SERVICE AUTHORIZATION NO. 3 WITH CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC. FOR COAST ENGINEERING SERVICES FOR THE CITY'S BEACH MANAGEMENT PROGRAM

Recommended Action:

Motion to Approve Service Authorization No.3 with CB&I Environmental & Infrastructure, Incorporated for coastal engineering consulting services for the Beach Management Program (Project #17-081) in an amount not-to-exceed \$78,482.60.

Background:

On March 3, 2015 the City awarded a five year agreement to CB&I Environmental & Infrastructure (CB&I) for Coastal Engineering Consulting Services (RFQ 2015-01) effective through March 2020. A large portion of the scope of work qualifies for cost sharing through the State of Florida's Beach Management Funding Assistance Program. The State of Florida project permit issued to the City for beach renourishment purposes requires that a comprehensive post-construction physical beach monitoring study be conducted as a permit condition, including an engineering evaluation of the monitoring results with a report. CB&I will comply with the Physical Monitoring Plan developed by the Florida Department of Environmental Protection for this project. Services include topographic (onshore) and bathymetric (offshore) surveys of the beach.

The Delray Beach Shore Protection Program consists of the design, permitting, construction and monitoring of approximately 2.6 miles of shoreline. The main 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 is the local sponsor for the federally authorized Local Cooperative

Agreement with the Army Corps of Engineers approved from 1973 - 2023. The monitoring data will be used to assess, with quantitative measures, the performance of the beach replenishment projects. The monitoring data will provide the City and the FDEP information necessary to plan for future beach renourishment projects, evaluate the beach performance and optimize the design of the next beach renourishment task.

The fee submitted by CB&I for this task is a not-to-exceed amount of \$78,482.60.

This recommendation complies with the City Code of Ordinances, Section 36.06(A) (2), "*Within the Scope of Work*".

City Attorney Review:

Approved as to form and legal sufficiency.

Finance Department Review:

Finance recommends approval.

Funding Source:

Funding is available from account number 332-4164-572.31-30 (Beach Restoration Fund: Engineering/Architect).

Timing of Request:

This is a time sensitive item. The report is due to the State of Florida Department of Environmental Protection by December 2017.