



Brevard County Board of County Commissioners

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Legislation Text

File #: 3404, **Version:** 1

Subject:

Approval Re: Permission to Authorize the Public Works Department Director to Select the Acquisition Approach for the Sea Ray Drive Bridge over Sykes Creek Replacement - District 2

Fiscal Impact:

The Board approved to fund the bridge replacement on December 10, 2019 which included 20 percent of Merritt Island Redevelopment Agency General Fund Tax Increment Financing funds up to \$275,000 per year for up to ten years which was then adopted on September 15, 2020 via Ordinance No. 20-15.

Dept/Office:

Public Works Department/Finance and Contracts Administration

Requested Action:

It is requested the Board of County Commissioners: 1. Authorize the Public Works Department Director to select the most advantageous acquisition approach, Design-Build or Design-Bid-Build, for the Sea Ray Drive Bridge Replacement; 2. Approve the advertisement and award of any competitive solicitations needed for the selected acquisition approach, such as a Design Build firm or a design consultant and construction contractor along with Construction Engineering Inspection (C.E.I.); 3. Authorize the County Manager or designee to execute all contracts, contract-related documents and any necessary contract extensions upon review and approval by the County Attorney's Office, Risk Management, and Purchasing Services; and 4. Authorize the County Manager to approve any necessary Budget Change Requests.

Summary Explanation and Background:

In September 2017, Hurricane Irma inflicted damage upon the Sea Ray Bridge over Sykes Creek. Afterwards, the Board approved Resolution 17-191E, committing to work expeditiously to restore or rehabilitate the Bridge. In consideration of the Resolution, coupled with the County's assurances to the Florida Department of Transportation and the Florida Division of Emergency Management, County staff determined that a Design-Build approach would be utilized to complete the work. On December 10, 2019, the Board approved to replace the Bridge, in lieu of bridge repair, and authorized the Notice to Proceed to Kisinger Campo and Associates, Corp. (KCA) to prepare the Design Criteria Package needed to acquire a Design-Build firm.

To date, KCA has submitted the draft Design Criteria Package which consists of the following: concept plans, preliminary geotechnical data, preliminary survey data, preliminary bridge hydraulic report, preliminary utility report, and contamination screening evaluation which are in review by the County. KCA also submitted the required permit applications to the environmental and regulatory agencies. Utility relocation coordination with the City of Cocoa (critical water main) and Brevard County Utility Services (critical sewer force main) has been ongoing and extensive.

Due to external factors beyond the control of the County, advantages of the Design-Build approach to replace the Bridge have diminished. Relocation of Cocoa's water main is anticipated for completion in May 2023, approximately 20 months from now. The County's force main relocation is expected to be completed in the Fall of 2022. Both pursuits may be further impacted by a shortage of raw materials that currently exists in the commercial piping industry. These utility-related time-consuming efforts represent the critical path in the overall project schedule. County staff will monitor these evolving conditions and determine which acquisition approach is in the best interests of the County, either Design-Build or Design-Bid-Build. Based on the foregoing, it appears that soon County staff will need to pivot from the Design-Build approach to Design-Bid-Build as any time-saving benefits are steadily decreasing.

Clerk to the Board Instructions: