Indian River County, Florida
Department of Utility Services
Board Memorandum

Date: January 16, 2024

To: Indian River County Board of County Commissioners

Through: John A. Titkanich, Jr., County Administrator
                 Sean C. Lieske, Director of Utility Services

From: Howard G. Richards, PE, Manager – Capital Projects

Subject: Florida Department of Transportation Utility Work by Highway Contractor Agreement for SR-A1A Resurfacing, FDOT Financial Project ID: 445618-2

Descriptions and Conditions:

The Florida Department of Transportation (FDOT) is resurfacing of a portion of the public road on State Route A1A (SR-A1A) from Sand Dollar Lane to south of Sebastian Inlet Bridge ("SR-A1A Resurfacing" or "Project"). The Project is identified by the FDOT Financial Project ID, 445618-2. Indian River County Department of Utility Services (IRCDUS) owns and operates water, sewer, and reuse infrastructure with the Project corridor that will incur relatively minor conflicts with the roadway resurfacing.

To address the utilities conflict with the Project, FDOT has made provisions in the design, which IRCDUS staff has reviewed and concurred with. Staff have also determined that it is advantageous to incorporate the utilities modifications into the FDOT's contractor work. IRCDUS received the Utility Work by Highway Contractor Agreement (UWHCA) with FDOT for approval.

Analysis:

FDOT's initial estimate of the cost of the utility work is $37,296.00. The UWHCA requires the amount payable to FDOT plus 2% for incremental costs for the utility work, including mobilization of equipment, additional maintenance of traffic, administrative costs of field work, tabulation of quantities, final estimate processing and project accounting; plus 10% for a contingency fund to be used for changes to the utility work during the construction. The total estimate from FDOT with 12% markup is $41,771.52.

IRCDUS proposes an additional 20% contingency reserve, or $8,354.00 based on recent utility work experience on UWHCA project with FDOT. This additional contingency reserve would be retained by IRCDUS for the sole purpose of covering cost escalations over and above the FDOT initial cost estimate plus markup. Use of the contingency reserve will require approval by the County Administrator or his designee. The total working budget for the SR-A1A Resurfacing is $50,125.52.

Funding:

Funds, in the amount of $50,125.52, for this project are derived from the Utilities/Water Distribution/R&R/UWHCA 2024-Water Distribution account, number 47126936-044699-23551 for $10,025.10, and Utilities/WW Collection/R&R/UWHCA 2024-Sewer Collection account, number 47126836-044699-23552 for $40,100.42, in the Utilities operating fund. The Utilities operating fund budget is derived from water and sewer revenues.

Description	Account Number	Amount
Utilities/Water Distribution/R&R/UWHCA 2024-Water Distribution	47126936-044699-23551	$10,025.10
Utilities/WW Collection/R&R/UWHCA 2024-Sewer Collection	47126836-044699-23552	$40,100.42

Recommendation:

Staff recommends that the Board of County Commissioners approve the Utility Work by Highway Contractor Agreement with the Florida Department of Transportation for utilities work related to State Route A1A from Sand Dollar Lane to South of Sebastian Inlet Bridge Resurfacing Project, and the budget of $50,125.52 with $41,771.52 payable to Florida Department of Transportation and $8,354.00, retained by Indian River County Department of Utility Services, for cost escalations and authorize the Chair to execute the same. So long as there are no changes in the approved dollar amounts, staff are directed to make payments to the Florida Department of Transportation. Use of the contingency reserve will require approval by the County Administrator or his designee.

Attachments:
Utility Work by Highway Contractor Agreement at Utility Expense
Cost Breakdown