

**INDIAN RIVER COUNTY, FLORIDA  
MEMORANDUM**

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**TO:** Jason E. Brown, County Administrator

**THROUGH:** Richard B. Szpyrka, P.E., Public Works Director

**FROM:** James W. Ennis, P.E., County Engineer

**SUBJECT:** Award of Bid No. 2018043  
43<sup>rd</sup> Avenue Bridge over IRFWCD South Relief Canal Railing Repair, IRC-1523

**DATE:** April 24, 2018

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**DESCRIPTION AND CONDITIONS**

On October 30, 2014, a County vehicle accidentally struck and damaged the railing of the 43<sup>rd</sup> Avenue Bridge over the IRFWCD South Relief Canal. Due to the damages to the existing railing and the age of the bridge it is necessary to replace the obsolete concrete traffic railing with a barrier system that meets current traffic crash safety ratings.

Additionally, due to the advanced age of the structure the fact that it does not provide for either shoulders, pedestrian crossings, or bike lanes, a separate project to replace the 43<sup>rd</sup> Avenue Bridge over the South Relief Canal has been applied for with the Florida Department of Transportation which is anticipated to commence within the next 5-7 years.

As such, the project will consist of the complete removal of the existing concrete railing in both directions of the 43<sup>rd</sup> Avenue Bridge over South Relief Canal and installing Thrie Beam Guardrail, in its place, including on the bridge approaches. This option is substantially less expensive than replacing the cap & post style concrete bridge railing with an impact rated 32-inch concrete barrier system with guardrail approaches.

The project was advertised on March 4, 2018. A pre-bid meeting was held on March 12, 2018 and bid opening for the project was held on March 27, 2018. One (1) qualified bid was received and opened. A detailed bid tabulation is on file and available for viewing in the County Engineering Division.

Timothy Rose Contracting, Inc. of Vero Beach was the only bidder with a bid totaling \$143,431.00. Timothy Rose Contracting, Inc. is considered to be the lowest, responsive, responsible bidder for the project and has completed numerous construction projects for the County and has consistently performed work in a satisfactory manner. Timothy Rose Contracting, Inc. bid was above the original Engineer's estimate, performed by the Consultant Designer, of \$78,650; however, this repair only accounted for the quantities necessary to replace one bridge railing. The current plans require the replacement of both railings. As such, the Contractor's cost proposal is within a reasonable range for the proposed work.

**FUNDING**

Funding is budgeted in Account No. 10921441-033490 – Secondary Roads/Road & Bridge/Other Contractual Services, in the amount of \$143,431.00.

**RECOMMENDATION**

Staff recommends the project to be awarded to Timothy Rose Contracting, Inc. in the amount of \$143,431.00 and requests the Board of County Commissioners approve the sample agreement and authorize the Chairman to execute said agreement after receipt and approval of the required Public Construction Bond and Certificate of Insurance and after the County Attorney has approved the agreement as to form and legal sufficiency.

**ATTACHMENTS**

Sample Agreement

**DISTRIBUTION**

Timothy Rose Contracting, Inc.

**AGENDA ITEM FOR May 15, 2018**