



"The Best Waterfront City in Which to Live, Work And Play."

CITY OF RIVIERA BEACH

TO: HON. MAYOR, CHAIRPERSON, AND CITY COUNCIL

FROM: TERRENCE N. BAILEY, P.E. CITY ENGINEER

SUBJECT: PB ISLES BRIDGE CONSTRUCTION ADMINISTRATION AND GRAND BAHAMA BRIDGE REDESIGN CHANGE ORDER AWARD

DATE: JUNE 23, 2021

CC: GENERAL PUBLIC

Background:

On September 24, 2020, the City Council approved Resolution 86-20 awarding Bid 996-20-1 to Brothers Construction to replace the Palm Beach Isles Bridges. During the bid process, the residents of Palm Beach Isles requested and were granted the redesign of the Grand Bahama Bridge to minimize impacts to the adjacent residents. The two residents along the south side of the Grand Bahama Bridge would have had a portion of the property converted to a right of way to facilitate the bridge's redesign as well as a slight shift of the centerline. In meetings with the residents, it was agreed to redesign the bridge to keep the centerline existing, eliminate the planter boxes, hang the utilities from underneath the bridge, and minimize the recovery area outside the travel lanes. Based on the modification described, the design team must start designing the bridge and provide the contractor an entirely new set of construction plans while the four Island Drive bridges are under construction. Additionally, after construction began on November 2, additional changes have been needed at Island Drive, including turbidity barrier design and installation, canal wall repair, asphalt paving, new conduits, tree removal, and planter wall construction and installation.

On November 18, 2020, the City Council approved Resolution 111-20 authorizing the redesign of the Grand Bahama bridge, and the redesign commenced. Through the second quarter of 2021, the design team, in conjunction with Brothers Construction, finalized the design and maximized constructability to limit impacts to the adjacent neighbors. Due to escalating commodity pricing, quantity adjustments in the materials, delays and idle equipment, and deviations from the original design, the contractor has provided a quote for \$983,831.04 to complete the construction of the Grand Bahama Bridge and request 115 contract days to complete the new scope of work. During

construction, change requests 1-5 have been asked and approved, totaling \$86,672.35 for a total of \$1,070,503.39 in change orders to date.

In conjunction, Erdman Anthony has requested \$202,000 in anticipated construction administration and oversight costs based on the extended construction schedule requested by Brothers.

Citywide Goal:

This item facilitates Goals #1 and 2

Goal #1 Achieve a Prosperous, Resilient, and Sustainable Economy

Goal #2. Create aesthetic improvements with focus on most vulnerable communities

Budget/Fiscal Impact:

The fiscal impact of this work order is funded inside the existing operational budget.

Recommendation(s):

That the City Council authorize a change order to Brothers Construction and Erdman Anthony to provide construction, inspection, and redesign services for the Grand Bahama Bridge redesign.

Attachments:

1. Brothers Construction Proposal
2. Erdman Anthony Proposals