



AGENDA MEMORANDUM

Public Works Department

City Council Regular Meeting Date: June 4, 2024

To: City Council
From: Alfred Mittl, Public Works Director
Scott Krawczuk, Deputy Public Works Director
Date: May 22, 2024

SUBJECT: Professional Services in Conjunction with the City's East Periwinkle Way Bridge Replacement Project (Bridge No. 126500)

Consider approving a proposal from T.Y. Lin International to provide professional engineering services in the amount of \$749,999.82 for Hurricane Ian related East Periwinkle Way bridge replacement and authorize the City Manager to execute the agreement. [Resolution 24-020](#) approved at the April 2024 City Council authorized the receipt of a Florida DOT grant to fund the services for the design of a resilient bridge capable of withstanding future storm surge/flooding to replace the East Periwinkle Bridge.

BACKGROUND: On September 28, 2022, Sanibel suffered catastrophic damage from Hurricane Ian's 150 mph winds and storm surge of 8' to 10'. Nearly every structure in the City of Sanibel received damage including the East Periwinkle Way bridge. T.Y. Lin International previously performed a damage assessment, designed, and oversaw emergency repairs to the of the East Periwinkle Way bridge. T.Y. Lin International deemed the emergency repairs complete in February 2023. The next step is to prepare detailed plans and specifications to replace the bridge.

The services of T.Y. Lin International and their subconsultants will include: data collection; permitting; structural design; roadway, temporary traffic control, drainage, signing, and pavement marking plan sheets; notes and details; bridge hydraulic analysis and scour evaluation; geotechnical evaluation; topographic survey; cost opinions; technical specifications; and project management. The study will include identifying options to increase the width and height of the boat channel at the bridge, increase the width of the span for improved pedestrian access. Staff will manage public engagement for this project. The detailed services T.Y. Lin International and their subconsultants will provide to the City are described in the firm's proposal which is included in the agenda packet.

The City is currently entered into a Professional Services Agreement with T.Y. Lin International to perform Hurricane Ian related Engineering work through September 30, 2028.

Sanibel is and shall remain a barrier island sanctuary

FUNDING SOURCE: The funding summary table is shown below.

Project Cost and Funding Source	Amount
Engineering Project Cost for Area 1	\$749,999.82
Florida DOT Grant (Contract No. G2W66)	(750,000.00)
Funding to Appropriate	\$0.00

RECOMMENDED ACTION:

Motion to approve a proposal from T.Y. Lin International to provide professional engineering services in the amount of \$749,999.82 and authorize the City Manager to initiate the services.