



Interoffice Memorandum

August 6, 2020

TO: Mayor Jerry L. Demings
and the Board of County Commissioners

~~FROM:~~ Carrie Mathes, CFCM, CPPO, C.P.M., Manager, Procurement Division

CONTACT: Raymond L. Williams, P.E, Manager, Public Works Engineering Division
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SUBJECT: Approval of Amendment No. 7, Contract Y6-816, Professional Engineering and Design Services for Econlockhatchee Trail from Lake Underhill Road to S.R. 50

ACTION REQUESTED:

Approval of Amendment No. 7, Contract Y6-816, Professional Engineering and Design Services for Econlockhatchee Trail from Lake Underhill Road to S.R. 50 with URS Corporation Southern, in the amount of \$397,299.63, for a revised contract amount of \$3,579,458.75.

PROCUREMENT:

This amendment will enhance the existing scope to bring the structural design to 2020 standards. The scope of work for this amendment is in response to comments received from the Central Florida Expressway (CFX) during coordination efforts for the Lake Underhill and Econlockhatchee Trail 100% plans, and has been prepared to provide adequate design and production to update the plans per the comments to obtain CFX approval. Updates include bridge geometrics, end bent design and geometry, finished grade elevation calculations, bridge deck design, pre-stressed beam design, mechanically stabilized earth wall geometry, bridge load rating and other structural design items. Plans will be updated to reflect these design updates.

Public Works Engineering Division staff has reviewed and evaluated the fee proposal for this amendment and has determined it is fair and reasonable for the scope of services to be performed. The fee proposal for Amendment No. 7 is consistent with the fee schedule, terms and conditions of Amendment No. 4 executed on October 25, 2017.

FUNDING:

Funding is available in account number 1023-072-5024-6311.

APPROVALS:

Public Works Engineering Division concurs with this recommendation.

DISCUSSION:

Previous amendments to the contract are as follows:

Original Contract: **Amount: \$2,131,225.27**

The Contract provided engineering design and construction of four new lanes for Econlockhatchee Trail from 1,075 feet south of Lake Underhill Road to approximately 350 feet south of SR 50. The Contract was approved by the Board on October 24, 2006.

Amendment No. 1 **Amount: \$71,285.95**

The project limits along Valencia College Lane were extended requiring additional services for lighting, legal descriptions and sketches, surveys, two coordination meetings and additional copies of 11" x 17" final construction plans.

Amendment No. 2 **Amount: \$135,502.69**

Addition to the scope of services for rerouting Pond C's outfall, additional utility relocation, completing threatened and endangered species survey and other post-design services.

Amendment No. 3: **Amount: \$85,405.24**

Addition to the scope of services for right-of-way coordination and post-design services. This is due to more owners than expected requesting their parcels to be staked and a recent increase on Request for Information from the contractor during the construction period.

Amendment No. 4: **Amount: \$0.00**

Incorporated new contract rates due to the extended performance time of the contract. No change in contract amount.

Amendment No. 5: **Amount: \$726,936.09**

Addition to the scope of services provided for updates to the engineering plans. The updates included topographic information for completed developments along the project; permits that expired; the analysis of Pond A and design for additional drainage; design analysis for replacement of the screen wall; and the modeling and design for Palm Gardens wetland higher water stages from construction of new improvements. The contract time was also extended by 270 days from the Notice to Proceed.

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Amendment No. 6:

Amount: \$31,803.88

Addition to the scope of services to perform structural design, plans update and utility coordination due to CBC deflection, design of urban debris deflector, and design of the CBC bottom slab to accommodate maintenance equipment.