

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **AWARD AUTHORITY INCREASE/Roadway and
Civil Design Services for Tall Cedars Parkway –
Pinebrook Road to Gum Spring Road**

ELECTION DISTRICT: Dulles

CRITICAL ACTION DATE: March 8, 2016

STAFF CONTACTS: Joe Kroboth, Transportation and Capital Infrastructure
Mark Hoffman, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

PURPOSE: To increase the award authority of the Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract by \$314,358.

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.

BACKGROUND: On April 30, 2012, staff awarded a contract for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road to J2 Engineers, Inc. in the amount of \$431,971. The scope of work includes survey services, environmental assessments, geotechnical investigation, roadway design, plat preparation, public meeting assistance, basic construction administration, and related services for the missing segment of Tall Cedars Parkway between Pinebrook Road and Gum Spring Road and signal design at the intersection of Tall Cedars Parkway and Gum Spring Road.

ISSUES: On February 11, 2014, a \$45,780 change order was issued to slightly modify the roadway alignment to address concerns of property owners dedicating right-of-way to the project and to obtain additional soil samples within the updated road alignment. The change order increased the April 30, 2012 original contract amount to \$477,751.

In preparation to advertise the project for construction and to provide additional construction administration services during construction, change orders are required so the design consultant

can provide services not envisioned when the original scope of work was developed in 2012. . In particular, the Department of Transportation and Capital Infrastructure (DTCI) has refined design consultant's roles and responsibilities during construction to better assist the general contractor constructing the improvements and to heighten project quality assurance so VDOT street acceptance proceeds smoothly. The design consultant is expected to review the contractor progress and verify pay requests monthly, to attend construction progress meetings, perform periodic site visits, to review contractor shop drawings and submittals. These services were not included in J2's original purchase order because it preceded DTCI's existence and the creation of more robust construction oversight procedures.

Specifically, the following change orders totaling \$314,358 are required:

- Perform additional soil exploration to verify subsurface conditions along the road alignment, prepare permit packages, and to update the project's pavement marking plan: \$45,702.
- Additional right of way and easement dedication plats, final construction document plan preparation, update and re-approval of the signal plans at Tall Cedars Parkway and Gum Spring Road, and additional environmental surveys: \$56,616.
- Additional bid documents and VDOT specification preparation, additional construction administration to include attendance at semi-monthly construction meetings and additional site visits, VDOT acceptance package preparation, and as-built record drawing developments: \$212,040.

In accordance with the Procurement Resolution, a contract awarded under staff authority cannot exceed \$500,000 without approval of the FGOEDC and the Board.

At this time the project is still anticipated to be completed in the Winter of 2018.

FISCAL IMPACT: Sufficient funding is available in the Tall Cedars Parkway – Pinebrook Road to Gum Spring Road capital project account to increase the contract award authority by \$314,358 for a new award authority amount of \$792,109. The total budget for the project is approximately \$11.7 million funded by cash proffers. The current unspent and unencumbered balance in the project totals \$8,368,624. The current cost estimate for construction is \$8.0 million with less than \$50,000 in right-of-way acquisition cost pending. No additional funding is being requested for this award authority increase.

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.
2. Do not recommend the award authority and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.

OR

2. I move and alternate motion.