To: Chairman Skinner and the VRE Operations Board

From: Rich Dalton

Date: October 16, 2020

Re: Authorization to Amend the GEC VII Task Order for Final Design Services for Franconia-Springfield Station Improvements

Recommendation:
The VRE Operations Board is asked to authorize the Chief Executive Officer to amend the existing Task Order for Final Design Services for Franconia-Springfield Station Improvements executed with STV Incorporated (STV) under the General Engineering Consulting Services (GEC VII) contract in the amount of $66,326, plus a 20 percent contingency of $13,265, for a total increase of $79,591. This will increase the authorization for this Task Order from $924,246 to a total amount not to exceed $1,003,837.

Summary:
This action reflects refinements to the original Final Design Services for the Franconia-Springfield Station Improvements project. Refinement of the design has resulted in additional scope and cost. Amending the Task Order to include the additional scope now will reduce the need for future supplemental design changes and potential delays later in the implementation process.

Background:
VRE is designing platform improvements for several Fredericksburg Line stations to enhance safety, expedite train operations, and provide increased flexibility for railroad operations as proposed under System Plan 2040.
VRE has completed preliminary engineering and environmental documentation efforts for Franconia-Springfield Station Improvements in conjunction with CSX Transportation (CSXT), the Virginia Department of Rail and Public Transportation (DRPT), and the Fairfax County Department of Transportation (FCDOT). Station improvements include extending both existing platforms to increase operational flexibility and capacity, as well as to reduce dwell times.

Implementation of the VRE station improvements is closely interconnected with DRPT’s concurrent project to construct a new third track through the station area. It is vital for construction staging that VRE complete its station improvements before construction begins on the new third track project.

The scope of work for this task order includes final design services as required to advance 100% complete plans, technical specifications, pre-construction documents, and updated cost estimates. Additional design efforts incorporated within this amendment include developing three alternative designs and cost estimates to accommodate east side pedestrian access, modifying the existing design to convert the eastern platform to side platform, developing a design concept plan and estimate for the pedestrian ramp/tunnel under the future third and fourth tracks, and added project management support.

STV is the prime consultant for Task Area C (Design Services: Passenger Facilities) under the GEC-VII contract. In June 2017, the VRE Operations Board authorized award of a Task Order to STV for Final Design Services for Franconia-Springfield Station Improvements.

Amending the Task Order with STV and extending the schedule will permit the Final Design to continue towards completion including the necessary additional work items. The amendment will extend the Task Order completion date through March 31, 2021.

At VRE’s request, STV submitted a proposal to provide this additional support to complete Final Design for the project. A cost analysis was subsequently performed by VRE staff to compare the proposed additional cost with the independent cost estimate, and it was determined that STV’s proposed cost is fair and reasonable

**Fiscal Impact:**

Funding for this consultant effort is provided for in the VRE Capital Improvement Program under the Franconia-Springfield Station Improvements. The station improvements are being funded through a standard project agreement with the Northern Virginia Transportation Authority.

The inclusion of a 20 percent contingency reflects the likelihood of further design changes as the result of collaboration with stakeholders and coordination with the DRPT 3rd track project.
Virginia Railway Express
Operations Board

Resolution
9B-10-2020

Authorization to Amend the GEC VII Task Order for Final Design Services for Franconia-Springfield Station Improvements

WHEREAS, in June 2017, the VRE Operations Board authorized award of a Task Order to STV Incorporated for Final Design Services for Franconia-Springfield Station Improvements; and,

WHEREAS, the preliminary engineering and early environmental documentation efforts are substantially complete for the Franconia-Springfield Station Improvements; and,

WHEREAS, the Franconia-Springfield Station Improvements are closely interrelated to and must be implemented in advance of third track construction through the station by the Virginia Department of Rail and Public Transportation; and,

WHEREAS, refinements to the Franconia-Springfield Station Improvements project design has resulted in additional scope and cost and amending the Task Order to include the additional scope now will reduce the need for future supplemental design changes and potential delays later in the implementation process; and,

WHEREAS, the scope of work for this Task Order includes final design services as required to advance 100% complete plans, technical specifications, pre-construction documents, and updated cost estimates; and,

WHEREAS, VRE has received a proposal from STV Incorporated for completion of the additional work and staff has deemed it fair and reasonable;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to amend the current Task Order for Final Design Services for Franconia-Springfield Station Improvements executed with STV Incorporated under the General Engineering Consulting Services (GEC VII) contract in the amount of $66,326, plus a 20 percent contingency of $13,265, for a total increase of $79,591. This will increase the authorization for this Task Order from $924,246 to a total amount not to exceed $1,003,837.
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Approved this 16th day of October 2020

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Gary Skinner
Chairman

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Jeanine Lawson
Secretary