Agenda Item 8-C
Consent Item

To: Chairman Milde and the VRE Operations Board
From: Doug Allen
Date: November 21, 2014
Re: Authorization to Award a Supplemental GEC VI Task Order for Cherry Hill Third-Track Preliminary Engineering Revisions

Recommendation:

The VRE Operations Board is being asked to authorize the Chief Executive Officer to award Supplemental Task Order 8B for revising preliminary engineering documents. This is a supplemental task order under the GEC VI contract to STV/Ralph Whitehead Associates for Task Order 8 revising preliminary engineering documents for the Cherry Hill Third-Track in order to incorporate station improvements at Quantico and Potomac Shores. Task Order 8 was executed in the amount of $29,715 and Supplemental Task Order 8A for $20,052 was subsequently awarded for a total of $49,767. Supplemental Task Order 8B will be an additional amount of $37,203, plus a 10% contingency of $8,697 for a total amount (Task Order 8 plus Supplemental Task Order 8A plus Supplemental Task Order 8B) not to exceed $95,667.

Background:

In July 2009, VRE completed preliminary engineering and environmental evaluation to construct 11.4 miles of mainline third track within the CSX Transportation (CSXT)
right-of-way between Arkendale and Powell’s Creek on the CSXT RF&P Subdivision. The Commonwealth of Virginia Department of Rail and Public Transportation (DRPT) adopted the VRE preliminary engineering documents as the basis for design for a follow-on design-build project (Arkendale to Powell’s Creek Third Track – Track 1a Final Design/Construction Project) currently being implemented by CSXT under contract to DRPT.

In May 2014, VRE, DRPT, and CSXT met to discuss how best to implement mainline third-track improvements over the entirety of the RF&P Subdivision inclusive of the Arkendale-Powell’s Creek segment. The three parties determined that the safest and most operationally flexible arrangement of stations in three-track territory would be one that permits a train on any track to access a platform (prior design assumptions only provided platform access from two of the three tracks). This configuration required changes in the third-track design in the vicinity of Quantico and the proposed Potomac Shores stations from the design provided in the VRE preliminary engineering documents.

On July 27, 2014, VRE issued Task Order #8 under the GEC VI contract for $29,715 to STV/Ralph Whitehead Associates to revise the preliminary engineering documents to include the requisite changes in station configuration. STV completed the revisions to the preliminary engineering documents on time and within budget. A supplement in the amount of $20,052 was provided to the initial task order amount in order to analyze further modification of design and evaluation of bridge structural elements in response to questions raised by the Federal Railroad Administration. An additional supplement of $37,203 is now necessary for STV/Ralph Whitehead Associates to advance the revised track plans to meet the current level of completeness (60 percent) of the CSXT design in a timely manner for implementation at a later date.

**Project Budget:**

The estimated total amount for this task order is $95,667. The remaining VRE project budget for Cherry Hill Third-Track Preliminary Engineering is $138,000, the amount unexpended from the 2009 Preliminary Engineering project grant.

**Fiscal Impact:**

Funds for the project are included in the VRE Capital Improvement Program. Grant funds are DRPT Rail Enhancement Funds with an in-kind match provided through developer contribution. No VRE funds are being allocated for this project at this time.
Virginia Railway Express
Operations Board

Resolution
8C-11-2014

Authorization to Award a Supplemental GEC VI Task Order for
Cherry Hill Third-Track Preliminary Engineering Revisions

WHEREAS, in July of 2014 the CEO executed Task Order #8 to STV/Ralph Whitehead Associates for $29,715 under the GEC VI contract for revisions to the Cherry Hill Third-Track Preliminary Engineering documents; and,

WHEREAS, in November of 2014 VRE executed a supplemental task order to STV/Ralph Whitehead Associates for $20,052 contingency under the GEC VI contract in order to modify design concepts and evaluate bridge structural elements; and,

WHEREAS, the revised preliminary engineering documents requires $37,203 to further modify the concepts, evaluate bridge structural elements, and advance track plans to meet the level of completeness (60 percent) of the CSXT design; and,

WHEREAS, this supplemental task order will allow work on revisions to continue in a prompt and timely manner.

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to award a Supplemental Task Order under the GEC VI contract to STV/Ralph Whitehead Associates for Task Order #8 for further revisions to the Cherry Hill Third-Track Preliminary Engineering documents for an amount of $86,970, plus a 10% contingency of $8,697, for a total amount not to exceed $95,667.

Approved this 21st day of November 2014

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Paul Milde
Chairman

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Gary Skinner
Secretary