Agenda Item 9-C
Action Item

To: Chair Cristol and the VRE Operations Board

From: Doug Allen

Date: July 19, 2019

Re: Authorization to Amend the Contract for Planning and Engineering Consultant Services for the Broad Run Expansion

Recommendation:

The VRE Operations Board is asked to authorize the Chief Executive Officer (CEO) to execute a contract amendment with AECOM Technical Services, Inc. (AECOM) of Arlington, Virginia to complete planning, environmental and preliminary engineering services for the Broad Run Expansion project in the amount of $476,427, plus a contingency of $95,285, for a total amount of $571,712. This will increase the authorization for this contract from $4,590,692 to a total amount not to exceed $5,162,404.

Summary:

This action reflects refinements to the original Broad Run Expansion plan in the completion of Preliminary Engineering (PE) design and National Environmental Policy Act (NEPA) review for the project. Refinement of the design for the project has resulted in additional upfront costs over the original planning and design scope of work. Amending the AECOM contract to include the new scope now will reduce the need for future supplemental design changes and environmental analysis, and potential delays, later in the development and implementation process.

Background:

In March 2015, the VRE Operations Board authorized award of a contract to AECOM for planning and engineering consultant services for the Gainesville-Haymarket Extension. Following completion of an Alternatives Analysis, the VRE Operations Board selected expansion of the VRE Broad Run Station and Maintenance and Storage Facility (MSF) as the preferred alternative to support short- and long-term growth on the VRE Manassas Line.

In June 2017, the Operations Board authorized an amendment to the contract with AECOM to include the services necessary to complete PE and NEPA for the Broad Run complex.
expansion and construction of a third main track within the Norfolk Southern Railway (NS) right-of-way. The contract was subsequently amended in April 2018 to add new aerial photographic survey and base map development to support the pending Final Design phase of the project.

Amending the AECOM contract and extending the schedule will permit the PE and NEPA review to reflect the preferred parking expansion north of the Norfolk Southern Railway (NS) tracks, the tunnel under the NS tracks that connects to this parking to the station platform, the revised platform location and VRE storage yard access as well as FAA-related requirements associated with the adjacent Manassas Regional Airport. The amendment will extend the contract completion date through October 31, 2019.

At VRE’s request, AECOM submitted a proposal to provide this additional support to complete PE and NEPA 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 AECOM’s proposed cost is fair and reasonable.

**Fiscal Impact:**

Funding for this consultant effort is provided for in the VRE Capital Improvement Program under both the Broad Run Expansion and South Manassas Third Track and Signals projects. Funding sources include I-66 Outside the Beltway Concession Fee, Federal Congestion Mitigation Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) grants and associated state match, and the VRE Capital Reserve and Capital Planning Fund.
Authorization to Amend the Contract for Planning and Engineering Consultant Services for the Broad Run Expansion

WHEREAS, in March 2015, the VRE Operations Board authorized award of a contract to AECOM for planning and engineering consultant services for the Gainesville-Haymarket Extension; and,

WHEREAS, the VRE Operations Board selected expansion of the VRE Broad Run Station and Maintenance and Storage Facility as the preferred alternative to support short- and long-term growth on the VRE Manassas Line; and,

WHEREAS, in June 2017, the Operations Board authorized an amendment to the contract with AECOM to include the services necessary to complete Preliminary Engineering (PE) and National Environmental Policy Act (NEPA) review for the Broad Run complex expansion and third main track within the Norfolk Southern Railway right-of-way; and,

WHEREAS, additional time was needed to refine the plans for the Broad Run Expansion project which delayed completion of PE and NEPA review necessitating additional support from AECOM; and,

WHEREAS, amending the AECOM contract and extending the schedule will permit the PE and NEPA review to be completed and to reflect the preferred design for the Broad Run Expansion and NS third main track as well as FAA-related requirements associated with the Manassas Regional Airport; and,

WHEREAS, VRE has received a proposal from AECOM for completion of the additional work and has deemed it to be fair and reasonable;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to execute a contract amendment with AECOM Technical Services, Inc. to complete planning, environmental and preliminary engineering services for the Broad Run Expansion project in the amount of $476,427, plus a contingency of $95,285, for a total amount of $571,712. This will increase the authorization for this contract from $4,590,692 to a total amount not to exceed $5,162,404.
Approved this 19th day of July 2019

Katie Cristol
Chair

John Cook
Secretary