



VIRGINIA RAILWAY EXPRESS
OPERATIONS BOARD

Agenda Item 9-B
Action Item

To: Chair Bohmke and the VRE Operations Board

From: Rich Dalton

Date: January 19, 2024

Re: Authorization to Amend the GEC VIII Task Order for Engineering Support for the Crossroads MSF Employee Parking Project

Recommendation:

The VRE Operations Board is asked to authorize the Chief Executive Officer to amend the current General Engineering Consulting Services (GEC) VIII Task Order with HDR Engineering, Inc. for Engineering Support for the Crossroads Maintenance and Storage Facility (MSF) Employee Parking Project in the amount of \$284,000, plus a 10 percent contingency of \$28,400, for a total increase of \$312,400. This will increase the authorization for this Task Order from \$715,000 to a total amount not to exceed \$1,027,400.

Summary:

Recent construction at the Crossroads MSF has placed employee parking in a temporary lot well away from prior and future construction activities. VRE intends to provide a permanent parking facility for employees outside of the yard away from train movements. The scope of work for this GEC Task Order includes final design as required to advance the current concept design to 100% complete plans, technical specifications, pre-construction documents, and cost estimates for the proposed employee parking.

Background:

The Fredericksburg Line Capacity Expansion project includes the acquisition of rolling stock (railcars) which requires expansion of the Crossroads MSF. VRE has recently completed a Master Plan Concept Design for the Crossroads MSF Expansion and now intends to move forward with elements of the expansion program using a phased approach. The proposed employee parking facility, for which VRE has an immediate need, has been identified as the first of several phases.



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In October 2022, the VRE Operations Board authorized the Chief Executive Officer to issue a Task Order under the GEC VIII contract to HDR Engineering, Inc. for design services for the Crossroads MSF Employee Parking Project. The authorization was in the amount of \$650,000, plus a 10 percent contingency of \$65,000, for a total not to exceed \$715,000.

The scope of work for this Task Order includes final design services as required to advance the current concept design to 100% complete plans, technical specifications, pre-construction documents, and cost estimates for the proposed employee parking facility.

After a detailed review of the 60% design package, it was determined that due to the projected costs of construction, a redesign effort would be required with value engineering to deliver the project within the available funding limit. It was later determined that Spotsylvania County would require a Special Use Permit for this project for which additional effort will be needed from the design team. Construction phase services will also be added to the scope of this Task Order, to include review of and responses to the construction contractor's technical submittals, such as shop drawings, cut sheets, and requests for information, to continue through completion of the project.

At VRE's request, HDR submitted a proposal to accomplish the additional required work described herein. The proposal submitted by HDR was reviewed and deemed to be responsive to all aspects required. A cost analysis was also subsequently performed by VRE staff to compare the proposed cost with the independent cost estimate, and it was determined that HDR's proposal is fair and reasonable.

Fiscal Impact:

VRE received funding from the Commonwealth through the SMART SCALE program for the various project components of the Fredericksburg Line Capacity Expansion program. The expansion of the Crossroads MSF was allocated approximately \$8.4 million of the total SMART SCALE funding, which will be used to support the employee parking expansion. These funds are now being administered by the Virginia Passenger Rail Authority (VPRRA) through a standard Project Addendum. Additional funding will be identified for the future expansion phases at the Crossroads MSF.

**Virginia Railway Express
Operations Board Resolution**

9B-01-2024

**Authorization to Amend a GEC VIII Task Order for Engineering
Support for the Crossroads MSF Employee Parking Project**

WHEREAS, recent construction at the Crossroad Maintenance and Storage Facility has placed employee parking in a temporary lot and VRE intends to provide a permanent parking facility for employees; and,

WHEREAS, the Fredericksburg Line Capacity Expansion project includes the acquisition of rolling stock which requires expansion of the Crossroad Maintenance and Storage Facility; and,

WHEREAS, VRE has completed a Master Plan Concept Design for expansion of the Crossroad Maintenance and Storage Facility; and,

WHEREAS, the proposed employee parking has been identified as the first of several phases for further expansion of the Crossroad Maintenance and Storage Facility; and,

WHEREAS, Final Design efforts have identified several elements requiring additional design work and additional stakeholder coordination and HDR Engineering, Inc. has presented an acceptable proposal to perform the additional required work;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to amend the current General Engineering Consulting Services (GEC) VIII Task Order with HDR Engineering, Inc. for Engineering Support for the Crossroads Maintenance and Storage Facility (MSF) Employee Parking Project in the amount of \$284,000, plus a 10 percent contingency of \$28,400, for a total increase of \$312,400. This will increase the authorization for this Task Order from \$715,000 to a total amount not to exceed \$1,027,400.

Approved this 19th day of January 2024

Meg Bohmke
Chair

Ralph Smith
Secretary