

Design-Build

Procurement Review Submittal Form

General Project Information

Agency Name:	Virginia Military Institute		
Is the agency a covered institution per §2.2-4379?			No
Project Name:	Chessie Nature Trail Bridge at South River		
Project Number:	211-18352		

Other Project Information

Advising A/E Name:	Col James L Williams - VMI Post Engineer	License Number:	0402031232
COV Sections: §2.2-4380.B.2, §2.2-4381.C.2			
Attach written determination for use of Design-Build			
COV Sections: §2.2-4380.C.2, §2.2-4380.B.1; §2.2-4381.D.2, §2.2-4381.C.1			
Is the procurement process proposed a two-step process?			Yes
COV Sections: §2.2-4380.C.2, §2.2-4380.B.7; §2.2-4381.D.2, §2.2-4381.C.7			

Agency Reasons for Use of Design-Build

Construction Cost (COV Sections: §2.2-4381.B.1, §2.2-4380.C.3, §2.2-4381.D.3)	Yes
Building Use(COV Sections: §2.2-4381.B.1, §2.2-4380.C.3, §2.2-4381.D.3)	Yes
Project Timeline(COV Sections: §2.2-4381.B.1, §2.2-4380.C.3, §2.2-4381.D.3)	Yes
Project Complexity (COV Sections: §2.2-4381.B.1, §2.2-4380.C.4, §2.2-4381.D.4)	No
Single Point of Contact Desired (COV Sections: §2.2-4380.C.5, §2.2-4381.D.5)	Yes

Supporting Information for Procurement Method Selection

Project Use (i.e. lab, classroom, office, etc.):
A new pedestrian bridge will be used to connect two portions of the Chessie Nature Trail separated by the South River. Original bridge was washed out by a hurricane in 2003. The new bridge will allow cadets and others safe access along the entire length of the trail without having to go out onto a public road. The optimal and most cost effective design for this application is a pre-engineered bridge. As the engineering and design for this application is key to project delivery, the most advantageous procurement method is design-build. Having a single contract that includes both the design firm and the contractor will enable a shorter procurement duration, a less overall project delivery cost and ultimately a shorter project delivery timeframe. A shorter overall project delivery timeframe ensures a faster and less expensive solution to provide a more safe trail pathway for both the VMI Corps of Cadets and the general public, both of whom use the trail extensively year round.
Construction Cost:
\$1,300,453
Project schedule:
Design Start Date
Jun-18
Const. Start Date
Mar-19
Design Compl. Date
Dec-18
Const. Compl. Date
Sep-19

Attach bar chart schedule to illustrate fast tracking or other schedule complexities.

Additional description to highlight key attributes that affect the project complexity (simplicity) and why a single point of contact is desired as indicated by "Yes" answers above:

Project construction scope consists of site preparation, construction and preparation of bridge abutments, and installation of prefabricated pedestrian bridge sections. Most, if not all, of the actual construction could be accomplished by a single contractor who has the necessary background and expertise in preparation and erection of a bridge across an active waterway.

In accordance with §2.2-4380.B.1 and §2.2-4381.C.1.

Submitted by: COL Dallas B Clark Date: 3/8/2018

Signature: Dallas B. Clark
Title: VMI Director Finance, Administration and Support
(Agency Head or Authorized Representative)

For DGS Use Only

Based upon the information provided by the Agency, the use of Design-Build
IS recommended for this project.

Recommended by:

W. Michael Coppa
W. Michael Coppa, RA
Acting Director, Division of Engineering and Buildings

3/20/18