

NEW MARKET HEIGHTS PHASE OF THE VIRGINIA CAPITAL TRAIL PROJECT

RFP QUESTIONS AND ANSWERS

Date: 4-13-12

Project:	New Market Heights Phase of the Virginia Capital Trail Project
Subject:	RFP Questions and Answers

1. Do the Construction Manager and QAM have to stay the same throughout the project?

In accordance with Part 1, Section 11.4 of Addendum#1, "The team proposed by Offeror, including but not limited to the Offeror's organizational structure, the lead contractor, the lead designer, Key Personnel, and other individuals identified pursuant to Section 4.4.1 above, shall remain on Offeror's team for the duration of the procurement process and, if the Offeror is awarded the Design-Build Contract, the duration of the Design-Build Contract. If extraordinary circumstances require a proposed change, it must be submitted in writing to VDOT's POC, who, at his sole discretion, will determine whether to authorize a change."

2. Does an individual have to be ESCCC certified now or can they be certified prior to execution?

In accordance with Part 1, Section 4.4.1.1(d) of Addendum#1, The Construction Manager, "shall hold a Virginia Department of Conservation and Recreation (DCR) Responsible Land Disturber (RLD) Certification and a VDOT Erosion and Sediment Control Contractor Certification (ESCCC) or a statement shall be included indicating this individual will hold these certifications prior to the commencement of construction."

3. What is the date of the latest base survey?

The majority of the survey was completed in June 2010. Additional survey along the power line easement at Turkey Island Creek was obtained in May 2011.

4. The RFP states a requirement for six trainees. Does this mean equipment operators, inspectors, etc?

The six trainees must meet the requirements as specified in the On-Job Training Manual for Standard Pre-Approved Job Classifications.

5. Are there any restrictions on phasing of plan design/construction?

In accordance with Part 2, Section 2.14.5 of Addendum#1, "the roadway or bridge plans may be submitted for approval in logical subsections (such as from bridge to bridge) or work packages such as: 1) clearing and grubbing along with erosion control, 2) grading and drainage, 3) paving, and 4) traffic control. A submittal schedule and planned breakdown of work packages shall be submitted to VDOT for approval as part of the planned project schedule."

Offerors shall note, however, that in accordance with Part 2, Section 2.7.4 of Addendum#1, "The Design-Builder shall not proceed with work to be covered by the [VSMP Construction] permit until permit coverage is secured and the VDOT Project Manager releases the work in writing. It is noted that [VSMP Construction] permit coverage, and subsequent release of work, can take up to 90 days from the time that the Design-Builder submits a request for coverage that includes all

required information. This represents a hold point in the Design-Builder's CPM Schedule."

6. Attachment 3.4.3? Checklist appears to be in conflict with Part 1. The QA/QC references section 4.5 but the information is contained within section 4.4.

A revised Letter of Submittal Checklist has been uploaded to the website as a part of Addendum#1.

7. How will right of way acquisition, specifically condemnation be handled?

Right of Way acquisition shall be performed in accordance with Part 2, Section 2.10 of Addendum#1. Specific requirements for condemnation include, but are not limited to those detailed in the 17th and 18th bullet of Section 2.10.

8. If post-settlement claims were to occur, who is responsible?

The Design-Builder shall be responsible for any post-settlement claims based on faulty design and/or construction.

9. How will Offerors obtain information, such as utility relocation costs, from the utility owners?

In accordance with Part 1, Section 3.1.1.3, of Addendum#1 "Each Offeror shall be solely responsible for examining the RFP Documents, including any Addenda issued to such documents, and any and all condition which may in any way affect its Proposal or the performance of the work on the Project including but not limited to: Addressing all potential impacts with affected utility owners and third parties and ensuring all such impacts have been included in the Offeror's Proposal." Offerors are expected to coordinate directly with the utility owners.

10. How are utility easements acquired?

The acquisition of utility easements is consistent with the acquisition of right of way described in Part 2, Section 2.10 of the RFP.

11. Can the construction schedule be adjusted to allow for a reasonable completion date for this type and size of project? Additional time added for completion in spring 2014.

No. The Substantial Completion and Final Completion dates are 9/30/13. This has been clarified in Addendum#1.

12. Habitat or species survey to be included as noted in 2.2.4 page 15 who is qualified for this assessment and what are the requirements?

The U.S. Fish and Wildlife Service (FWS) maintains lists of individuals who they have determined are qualified to conduct habitat assessments and surveys for federally listed threatened or endangered species. Additional information for habitat assessments and survey can be found at the following links:

<http://www.fws.gov/northeast/virginiafield/endspecies/surveyors.html>

<http://www.fws.gov/northeast/virginiafield/pdf/endspecies/MISC/HowToGetOnSurveyorList.pdf>

13. Will VDOT supply the caps for the RM-2 installs?

Per the RW-2 standard detail in the VDOT Road and Bridge Standards, the RM-2 caps will be furnished by VDOT.

14. Is there any preliminary information available for pavement markings and permanent sign types and locations along the trail and or additional roadway signs along route 5?

No. In accordance with Part 2, Section 2.8 of Addendum#1, "Final striping and signing plans for the Project are required from the Design-Builder for approval by VDOT and shall be included as planned work packages."

Offerors shall note that in accordance with Part 2, Section 2.1.1 of Addendum#1, "The design and construction work for the Project shall be performed in accordance with the applicable federal and state laws and VDOT Standards, Specification and Reference Documents to include, but not limited to the documents listed herein that were current as of the advertisement date of the RFP for this Project." This includes any applicable requirements for pavement working and signage.

15. Utility relocation. Is there any information on the Henrico County water force main and city of Richmond gas main in this area? Is there a point of contact for these utilities?

In accordance with Part 1, Section 3.1.1.3, "Each Offeror shall be solely responsible for examining the RFP Documents, including any Addenda issued to such documents, and any and all condition which may in any way affect its Proposal or the performance of the work on the Project including but not limited to: Addressing all potential impacts with affected utility owners and third parties and ensuring all such impacts have been included in the Offeror's Proposal." Offerors are expected to coordinate directly with utility owners.

16. There are areas that have existing historical marker turnouts along route 5 adjacent to the trail. The previous section (Sherwood Forest) had areas for new historical marker turnouts. Will these be required on this phase? Are there locations where these are required?

New historical marker turnouts are not required for the New Market Heights Phase of the Virginia Capital Trail Project.

17. Typical section sheet 2 unsuitable material reference to geotechnical report. The geotechnical report only identifies unsuitable as CH, MH, OH and OL materials encountered. There is not enough time in preparation of our proposal to identify all areas of possible unsuitable material in the field is there any information available to identify possible undercut areas?

In accordance with Part 2 Section 2.6.1 of Addendum#1, "Approximate locations requiring geosynthetics due to the presence of unsuitable subgrade material can be interpolated from the data included in the preliminary geotechnical study that is provided in the RFP Informational Package. These locations shall be verified in the final geotechnical report provided by the Design-Builder and any discrepancies must be reported to VDOT prior to the expiration of the Scope Validation Period."

18. Are there any locations available requiring guard railing (station to station)?

Guardrail locations are not identified in the RFP plans. The Design-Builder shall avoid clear zone hazards for Route 5 to the greatest extent possible. The Design-Builder shall place guardrail when required in accordance with the Reference Documents listed in Part2, Section 2.1 of Addendum#1. The guardrail requirements will be based on the final plans developed by the Design-Builder.

19. What type of finish on the guard rail, weathering or standard steel beam?

Guardrail shall meet the 2007 VDOT Road and Bridge Specifications.

20. Will a flashing signal be required at intersecting of primary roadways (Route 106/156 Roxbury

Road) or at any other locations?

A flashing signal is not required at the intersection of primary roadways.

21. Will turbidity curtains be required at locations of footbridge construction over creeks?

In accordance with Section 2.7.4, "An Erosion and Sediment Control (ESC) Plan and Narrative, Stormwater Pollution Prevention Plan (SWPPP), and a post construction Stormwater Management (SWM) Plan shall be prepared and implemented by the Design-Builder in compliance with applicable requirements of the standards and reference documents listed in Section 2.1 including the Virginia Erosion and Sediment Control Law and Regulations and the Virginia Stormwater Management Program (VSMP) Law and Regulations." As part of the Erosion and Sediment Control Plan, the Design-Builder is responsible for determining if turbidity curtains are required.

22. Recommendation 5 indicates potential parking opportunities throughout the corridor with a value engineering cost. This is neither accepted nor declined as a recommendation throughout the remainder of report. Will this be a requirement? If so at which locations?

Providing parking locations is not required for the New Market Heights Phase of the Virginia Capital Trail Project.

23. (a) The landscape plan references details for the historic marker pull off; however, the plans and profiles do not indicate areas where we need to apply this detail. Will VDOT require these pull off areas, if so, please indicate areas where the detail applies? The landscape drawings on sheet 53(22) tell you to see sheet 53(2A) and 53 2(B) for the paver and curb detail pertaining to the historic marker pull off; however, those sheets do not exist in the plan set. Please provide a detail for the historic marker pull off if the pull offs are required to be installed in this contract.

(b) The landscape plan that is included in the RFP, is not specific to this contract. It appears VDOT included an older landscape plan from a previous job in this bid package so the Design Builder could get a sense of what they were looking for, as far as landscaping is concerned, for his contract. Is this a correct assumption?

(a) Historical marker pull offs are not required the New Market Heights Phase of the Virginia Capital Trail Project.

(b) The planting plan from the Sherwood Forest Section of the Virginia Capital Trail is included in the RFP information package. The Design-Builder will be required to produce a similar landscaping plan for the New Market Heights Phase.

24. The RFP for the Virginia Capital Trail, New Market Heights Phase indicates throughout the document that cost effectiveness is a major objective of the project. The RFP Information Package included a storm water management report entitled "Storm Water Management Revised Preliminary Design RTE 5 – Virginia Capital Trail New Market Heights Phase UPC 86279". This report indicates that, under the current storm water management regulations, permanent storm water management facilities would not be required (reference the Introduction in the attached document and supporting calculations).

Pursuant to the VDOT Stormwater Program Update dated February 3, 2012 included at the end of the attached stormwater management report, VDOT is requiring a minimum phosphorous removal requirement of 0.95 lbs/yr through the implementation of permanent storm water management facilities, notably grass swales. However, the Design-Build Team has received a Stormwater Program Advisory dated April 5, 2012 (also attached) which changes the effective date of the requirements for new calculations of impervious area for design-build projects with an RFP date of March 15, 2012 to October 1, 2012.

Based on this new information, please clarify the requirements of VDOT for this project with regard to permanent storm water management facilities and the method of calculating percent impervious area (total post development impervious area vs. net increase in impervious area of the site). Obviously this information will change the price of all proposal received by the Department.

In accordance with Part 2, Section 2.75 of Addendum#1, the Design-Builder “shall design and construct permanent stormwater management facilities to achieve a minimum phosphorus removal rate of ninety-five hundredths (0.95) of a pound per year within the proposed right-of-way limits.”

25. Is there any additional contact information available for the utility owners?

Additional contact information for utility owners is as follows:

Dominion Resources

Mr. Terry Hahn (804-380-9118)

Verizon

Mr. Bill Swann (804-772-4409)