

I-66 ACTIVE TRAFFIC MANAGEMENT (ATM)

RFQ QUESTIONS AND ANSWERS

December 9, 2011

1. Section 3.2.7 of the RFQ details the requirements of the letter from the surety company. In the required statement from the surety company, it mentions warranty periods on behalf of the contractor. What are those specific warranty periods?

Refer to Request for Proposals Part 5 – 2010 Division I Amendments, Section 106.01. “Equipment and Material guaranties or warranties that are normally given by manufacturer or supplier, or are otherwise required in the Contract, shall be obtained by the Design-Builder and assigned to the Commonwealth in writing. The Design-Builder shall also provide an in-service operation guaranty on all mechanical and electrical Equipment and related components for a period of at least six months beginning on the date of partial acceptance of that specific item(s) or final acceptance of the Project.” RFP Parts 3, 4 and 5 can be downloaded using the following link: <http://www.virginiadot.org/business/design-build.asp>.

2. Section 3.4.1 indicates that one work history form may be used for each project description. Please verify that the entire 11” x 17” work history form may be used for each project and that the column widths and heights may be adjusted.

The entire 11” x 17” sheet may be used for each project so long as the general content and format of the Work History Form are not modified. Forms shall be filled out using the font type and size stipulated in Section 5.2.2 of the RFQ. The row height and column widths may be modified by the Offeror as needed.

3. Section 2.2 – “Quality Assurance and Quality Control” and “Construction Engineering and Inspection” are listed as separate functions on Page 4, but “Construction Engineering and Inspection” is listed as a QA and QC function on page 5. Is the Offeror required to provide “Construction Engineering and Inspection” services in addition to “Quality Assurance and Quality Control” services, or are these services considered to be one in the same?

Construction engineering and inspection is included as part of the QA/QC process. The Offeror shall be responsible for providing quality assurance and quality control in accordance with VDOT’s Minimum Requirements for Quality Assurance and Quality Control for Design-build and Public-Private Transportation Act Projects, dated August 2008. VDOT is currently updating this Guide and all quality assurance and quality control for this Project shall be in compliance with updated document. The updated Guide will be finalized prior to release of the Request for Proposals.

4. It is understood that Section 11.1 states that all proposed team members “shall remain on the Offeror’s team.” However, can subconsultants be added to the team after the SOQ is submitted for the Technical Proposal response?

Subconsultants that are not Key Personnel and/or not identified on the organizational chart can be added to the Offeror’s team after submission of the SOQ and prior to the Technical Proposal.

5. Is the retained team of this project precluded from proposing on the future I-66 ATM software procurement?

Participation on future VDOT projects will be subject to a Conflict of Interest determination. We are unable to comment on the future ATM software project because circumstances and specific

requirements aren't available at this time.

6. Is the public involvement/relations scope of this project intended to be coordination with VDOT or VDOT's supplier, or complete responsibility for public relations?

The design builder will be responsible for all public relation activities related to construction operations of the project including coordination with VDOT, representatives working on other projects along the I-66 corridor, public agencies, and the general public.

7. Section 2.2, Paragraph 1, Page 4 states "This work is anticipated to include...hydraulics..." Please clarify what hydraulics work is anticipated for this project.

Hydraulic design services may be required based on the Design-Builder's unique solution and/or means, methods and resources used during construction. Scenarios where hydraulic design services may be required include any modification of existing drainage due to new gantry installation or providing additional drainage due to an increase in paved area at emergency pull-out or staging areas.

8. Section 2.2, Paragraph 3, Page 4 states "Environmental work shall address all items necessary for the acquisition of water quality permits..." Please clarify what water quality permits are anticipated for this project.

The current environmental document indicates that installation of gantries within the existing ROW will not have an adverse impact on water quality. However, VDOT is unable to anticipate all possible scenarios. Depending on the Design-Builder's unique design solution and methods of construction employed, a water quality permit may be needed.

9. Section 3.3.1.7 – is it permissible to fulfill the "Electrical/ITS Supervising Technician" role with two people rather than one? E.g., one individual as an Electrical Supervising Technician who is certified as a Master Electrician, and a second person serving as the ITS Supervising Technician who is not a certified Master Electrician.

Per the RFQ, the Electrical/ITS Supervising Technician shall be an individual who serves as the lead electrical and ITS supervisor during construction. As such, only one individual shall be identified to serve this role.

10. The RFQ Information Package document dates listed in the RFQ on page 8 are earlier than some of the dates of the documents on the RFQ Information Package CD. Please confirm whether the documents on the CD are the most current.

The documents provided in the RFQ Information Package are the most current at the time of the RFQ release. The RFQ Information Package is being provided for informational purposes only to give Offerors some understanding of the project scope and general framework.

11. Section 5.2.2, Page 18 – do the tabs count against the 20 page limit?

The numbered tabs do not count against the 20-page limit. However, tabs that contain project specific information will be counted towards the page limit.

12. Section 9.6, Page 23 – are Offerors required to submit proof of registration with eVA? If yes, will this count against the 20 page limit?

*Offerors **are not** required to submit proof of registration with eVA in their SOQ.*

13. How is the DBE percentage included in the evaluation scoring?

The DBE goal is a pass/fail requirement. In accordance with Section 3.2.9 of the RFQ, the Offeror shall provide a written statement within the Letter of Submittal that the Offeror is committed to achieving the 15% DBE goal. Failure to meet an RFQ requirement will render an Offeror's SOQ non-responsive.

14. Does VDOT have specific requirements for the field devices selection for I66 ATM?

Specific requirements for selection of field devices will be provided in the Request for Proposals issued to select short-listed Offerors.

15. Does field devices software need to comply with specific requirements (such as NTCIP) that will ultimately be integrated into the ATMS?

Specific requirements for field device software requirements will be provided in the Request for Proposals issued to select short-listed Offerors.

16. What if the selected device software does not comply with NTCIP? Does this mean the Design/Builder will be responsible to develop and integrate the device software with the ATMS?

Specific requirements for field device software requirements will be provided in the Request for Proposals issued to select short-listed Offerors.

17. How extensive should be the public outreach? Do you anticipate the Design/Builder to perform the public outreach to the level specified in the RFQ document "Section 14 - Systems Engineering Bridge Document"?

The Design-Builder will be responsible for coordination and outreach activities related to I-66 ATM construction operations. VDOT will retain the responsibility for outreach related to educating and informing the public about the use and benefit of I-66 ATM.

18. Is there percentage allocation for SWaM? Are there evaluation points for SWaM participation?

Not all projects will have a defined SWaM participation goal. VDOT encourages participation of SWaM vendors in the performance of federally funded projects. SWaM and DBE designations are mutually exclusive and should not be considered as the same. A SWaM vendor is not always a DBE vendor; however DBE's are SWaM vendors by default. SWaM participation is not a requirement for this Project and a SWaM goal will not be established.

19. Is there any way DBE percentage for this project will be reduced? Or can SWaM certification be counted towards the 15% goal. It is very hard to achieve this goal with DBE since this is a very unique project and not many DBE companies do this nature of work.

The DBE participation goal of 15% is a requirement established by VDOT's Civil Rights Division. VDOT will not consider reducing the DBE participation goal for this Project. SWaM certification cannot be counted toward the 15% DBE goal.

20. Can QA manager and QC manager be from the design-build team or does it have to be third party?

The QA Manager and the QC Manager must be a member of the Design-Build team. The QAM must be independent from construction operations and may not be employed by the firm providing QC. The Offeror shall be responsible for providing quality assurance and quality control in

accordance with VDOT's Minimum Quality Control and Quality Assurance for Design-Build and Public-Private Partnership Projects, dated August 2007, and future updates to this Guide. The QAM may be from the design firm.

21. Can the certifications for the personnel identified in the RFP be obtained during the selection process but prior to start of the project?

Training certifications identified in the RFQ for the Construction Manager and the Electrical/ITS Supervising Technician may be obtained prior start of the Project. Offeror's should provide a statement in the SOQ indicating these individuals will obtain the required certifications and training prior to commencement of construction. This will be clarified in RFQ Addendum No. 1.

22. Does VDOT have a list of training institutions or courses that will be recognized as acceptable to VDOT for Electrical Arc Flash Protection and the Lockout/Tagout Procedures for electricians?

Links to courses that satisfy the required electric safety training are provided below.

<https://www.americantrainco.com/courses/arc%20flash%20training/dtIES.aspx>

http://www.osha.gov/dte/edcenters/course_description.html#7115

http://www.nttinc.com/course_view.cfm?cID=675&qclid=CJng7rr9gawCFYSo4AodDhAaJg

23. Is VDOT intending to use intrusive or non-intrusive devices for this project?

Specific requirements for device selection will be provided in the Request for Proposals issued to select short-listed Offerors.

24. Are there any existing cameras that have to be removed as part of this project, or all the equipment stays as it is? If it stays as it is, who is responsible to integrate the software with existing devices?

Specific requirements regarding integration of new and existing equipment will be provided in the Request for Proposals issued to select short-listed Offerors.

25. Are there any DMS/ITS structures to be removed or re-engineered?

Specific requirements for removal or re-use of existing equipment will be provided in the Request for Proposals issued to select short-listed Offerors.

26. Would we need rail road insurance for this project? Would coordination with the metro-rail be a part of this project?

Coordination with the Washington Metropolitan Area Transit Authority (WMATA) and any associated cost will be the responsibility of the Design-Builder and shall be in accordance with WMATA's Adjacent Construction Project Manual. This Manual is available on the internet via the following link: http://www.wmata.com/pdfs/business/ACPM_Rev4_02-16-10_FINAL.pdf.

27. Once short listed to one of three firms, will the selection be based solely on low price or some other combination of factors (e.g., DBE / SWAM participation, technical score, schedule, etc.)?

Selection of a Design-Build team will be based on a combined score from Offeror's technical and price proposals. Details on the selection criteria will be provided in the Request for Proposals (RFP) to the short-listed Offerors.

28. As this represents only the 3rd US application of ATM (Seattle and Minnesota being the other two), can we add an ATM Specialist that does not have a Virginia PE and have this person be considered as part of the evaluation process as "Key Personnel" (Evaluation Criteria 3.3.1)?

Key Personnel other than those identified in Section 3.3.1 cannot be added. At the Offeror's discretion, an "ATM Specialist" (or other supporting roles) may be added to the Offeror's team and included on the Organizational Chart. Per Section 3.3.1, resumes for individuals who are not identified as Key Personnel should not be included in the SOQ.

29. Can the Lead Structural Engineer with VA PE license and limited experience on structures and foundations for ITS devices and overhead signs supported with staffs that have thorough experience on these tasks? Will that have any bearing on the evaluation factor since the lead structural engineer does not have related task experience?

Offerors are free to establish their team and develop their proposal as they wish as long as all RFQ requirements are met in the Offeror's SOQ. Key Personnel will be evaluated based on the criteria provided in Section 3.3.1.

30. Reference RFQ, Section 3.4, Page 15 - In this section the team's experience is limited to three (3) relevant projects for the Lead Contractor and three (3) relevant projects for the Lead Designer to be included on the Work History Forms in Attachments 3.4.1a and 3.4.1b respectively. Will VDOT allow three (3) additional relevant project references on a work history form for the Construction Contractor?

Team experience is limited to three (3) relevant projects for the Lead Contractor and three (3) relevant projects for the Lead Designer, for a total of six (6) projects.

31. If personnel, who hold PE licenses in other states, are currently in the process of obtaining their PE license in Virginia via reciprocity and anticipate having it prior to the release of the RFP, can they be proposed as Key Personnel during the RFQ phase?

The Quality Assurance Manager, Design Manager, Lead Designer, and Lead Structural Engineer are required to be a registered, licensed, Professional Engineer in the Commonwealth of Virginia at the time of SOQ submission. The Offeror shall provide a copy of the DPOR license for each Key Personnel practicing or offering to practice professional services in Virginia in their SOQ.

32. Is the letter from the surety company included in the 20 page limit as noted on the checklist...Evidence of obtaining bonding?

Yes, the letter from the surety or insurance company will be counted toward the 20-page limit.

33. Does the Offeror need to have a specific category on the prequalification certificate to be prequalified for the project?

The work classifications shown on the prequalification certificate shall indicate the type(s) of work the Offeror's workforce and equipment normally perform.