

ADDENDUM 2

QUESTIONS & ANSWERS

RFP 3510T01, “Next Generation Advanced Traffic Management System (ATMS)”

1. In "Appendices.pdf", Appendix Q lists the ITS Equipment Inventory. The list appears to only be CCTV devices. Please provide the full complement of PennDOT devices electronically to all proposers.
A1: Addendum #1 provided a revised Appendix Q and was posted to e-Marketplace on the Department of General Services (DGS) website.
2. In "Appendices.pdf", Appendix R is supposed to list the Upcoming Integration Projects. However, that appendix is empty. Please provide the list of upcoming integration projects electronically to all proposers.
A2: Addendum #1 provided a revised Appendix R and was posted to e-Marketplace on the Department of General Services (DGS) website.
3. In "Appendices.pdf", Appendix X is supposed to list Traceability Matrix. However, that appendix is empty. Please provide the traceability matrix electronically to all proposers.
A3: Addendum #1 provided a revised Appendix X and was posted to e-Marketplace on the Department of General Services (DGS) website.
4. In Appendix J lists the existing device equipment, but does not include the protocol nor firmware version to determine the protocol available on the field device. Please provide an electronic file listing all the protocols and firmware versions for all PennDOT ITS equipment.
A4: The Selected Offeror shall be responsible for determining applicable protocol and firmware as specified in Task B – High Level Design, Section B-1. Please also refer to question 116.
5. The RFP uses the term “Selected Offered” throughout the RFP documentation. Please clarify all locations termed as ‘Selected Offeror’ as required for the proposal response to the RFP. Is the proposer responsible for providing responses to these conditions within their response, or are these conditions to be discussed during contract negotiations?
A5: “Selected Offeror” or “Offeror” refers to the proposer. All instances where the term is used provides instruction on the proposal requirements and Contract tasks that the proposer is responsible for and is required to respond to as part of the proposal and subsequent awarded Contract
 - a. Specifically, in the RFP PDF, page 28 (32 of 75), calls for an Emergency Preparedness plan. Is this plan to be part of the Offeror's RFP or a part of documentation to be provided by the "Selected Offeror"?**A5a: The “Selected Offeror” is required to provide an Emergency Preparedness plan as part of the Proposal.**
 - b. Similarly, in the RFP PDF Appendix U pages 23 (27 of 75), 27 (31 of 75), and 35 (39 of 75) says Selected Offeror implying the schedule is created after award. However, in the RFP PDF page 14 (18 of 75) states that Appendix U is a deliverable. Is Appendix U part of the Offeror’s RFP or a part of the documentation to be provided by the “Selected Offeror”?**A5b: Offeror is required to complete Appendix U and submit with Proposal.**

6. With respect to the “Standard Contract Terms and Conditions – SAP” (Standard Contract), we note the agreement contains certain provisions not common in consulting contracts or with the types of services requested by the RFP. We believe that these terms may expose PennDOT and its professional service contractors to uninsurable risks, and, as a result, may cause contractors to include the costs of such risks in their bids, and/or reduce the number of qualified responses. Therefore, would PennDOT consider the following revisions/additions to the Standard Contract?

a. Replace Paragraph 10, Warranty with:

10. STANDARD OF CARE

Contractor warrants that it shall perform its services in conformance with the care and skill ordinarily exercised by similar members of the profession providing similar services, practicing under similar conditions at the same time and in the same or similar locality. No other warranty of any kind, expressed or implied, at common law or created by statute, is extended, made, or intended under this Contract or by the rendition of Contractor’s services under this Contract. Contractor, at its sole costs, shall correct any services found to be in breach of the standard of care stated under this Paragraph 10.

b. Revise Paragraph 14, Hold Harmless Provision to read as follows:

The Contractor shall hold the Commonwealth harmless from and indemnify the Commonwealth against any and all claims, demands, and actions (collectively “Claims”) based upon or arising out of and the extent caused by the negligent acts or omissions of Contractor, or anyone for whose acts Contractor is liable. Contractor’s obligations under this indemnification shall not include damages, liabilities, costs and expenses resulting from the negligent acts or omissions of the Commonwealth, its officers, officials, directors or employees.

c. Include a Paragraph 32, Mutual Waiver of Consequential Damages as follows:

32. MUTUAL WAIVER OF CONSEQUENTIAL DAMAGES

In no event shall either Party be liable, whether in contract or tort or otherwise, to the other Party for loss of profits, delay damages, or for any special incidental or consequential loss or damage of any nature arising at any time or from any cause whatsoever.

d. Include a Paragraph 33, Limitation of Liquidated Damages as follows:

33. LIMITATION OF LIQUIDATED DAMAGES

If liquidated or other similar damages shall be assessed against Contractor, to the proportionate extent caused solely by Contractor’s negligent errors or omissions. Further, Contractor’s total liability for all such liquidated damages, including all costs and expenses associated with such damages, as allowed under the Contract shall not exceed 10% of the Contract price or \$250,000 whichever is less.

A6: The Question and Answer phase of this procurement is not the appropriate venue to suggest substantive changes to contract terms and conditions. RFP 10R-01 allows for proposed edits to the Standard Contract Terms and Conditions. Specifically, RFP 10R-01, Part II, *Proposal Requirements*, II-8, “Objections and Additions to Standard Contract Terms and Conditions” states:

The Offeror will identify which, if any, of the terms and conditions (contained in Appendices B and C) it would like to negotiate and what additional terms and conditions the Offeror would like to add to the standard contract terms and conditions. The Offeror’s failure to make a submission

under this paragraph will result in its waiving its right to do so later, but the Issuing Office may consider late objections and requests for additions if to do so, in the Issuing Office's sole discretion, would be in the best interest of the Commonwealth. The Issuing Office may, in its sole discretion, accept or reject any requested changes to the standard contract terms and conditions. The Offeror shall not request changes to the other provisions of the RFP, nor shall the Offeror request to completely substitute its own terms and conditions for Appendices B and C. All terms and conditions must appear in one integrated contract. The Issuing Office will not accept references to the Offeror's, or any other, online guides or online terms and conditions contained in any proposal.

7. Paragraph 34 of the Limitations of Liability - The contract specifies terms including "unlimited liability". Liability will be a major aspect of pricing for this contract and the unlimited liability will drive the project costs. We suggest PennDOT change this section to include the following language, 'It is agreed that the Commonwealth's maximum recovery against Contractor for any damages, claims, costs, or expenses arising under the Contract, whether in contract, tort or otherwise, is \$250,000 or 10% of Contractor's fee under this Contract, whichever is greater. It is expressly agreed that the Commonwealth's sole and exclusive remedy against Contractor under the Contract, whether based in contract, tort or otherwise, is the award of damages, costs or expenses not to exceed the stipulated \$250,000 figure or 10% of Contractor's fee, whichever is greater.'

A7: Refer to response to Question 6.

8. Part 1, Page 4, I-14 – could you please confirm that the 2-pages resumes and financial documents are not included in the 10 page maximum page budget allocated for appendices of supportive information?

A8: This is confirmed.

9. Part II, Page 11, II-5 – a Letter of Commitment is required for all key personnel. Could these letters of commitment be included as an appendix and not be included in the 100-page proposal.

A9: Yes.

10. Part III, Page 14, III-1 C. Could you confirm that the Appendices mentioned in this section are not included in the 100-page count?

A10: This is confirmed.

11. Appendix K – Proposal Cover Sheet – the form mentions that we will need to enclose in three sealed submittals. Could you clarify this please? We are assuming that Appendix K needs to be submitted with each of the 20 proposal copies. Please confirm.

A11: This is confirmed.

12. Does a firm intending to respond to this RFP required to be prequalified with PennDOT and need to be active in PennDOT's ECMS?

A12: No, the Offeror does not need to be prequalified with PennDOT or active in PennDOT's ECMS when responding to this RFP. However, prior to award of this Contract, the Offeror must be registered through the Pennsylvania Supplier Portal at: http://www.portal.state.pa.us/portal/server.pt/community/supplier_service_center/5104

13. Appendix K – Proposal Cover Sheet: It is mentioned in this Cover sheet that Disadvantaged Business Enterprise Submittal be submitted separately and not as part of the Technical Proposal. Does this mean that we do not address DBE participation under item II-9 in the Technical Proposal?

A13: As stated in the opening paragraph of Part II, “All cost data relating to this proposal and all Disadvantaged Business Enterprise cost data should be kept separate from and not included in the Technical Submittal.” Offeror must provide detailed information in the technical proposal on Disadvantaged Business Enterprise (DBE) participation in accordance to Part II, “Criteria”, II-9.

14. Appendix T – Vendor Software Capabilities Matrix – we could not locate this matrix in the Appendices documents included with the RFP. Could you please provide this matrix?

A14: Addendum #1 provided a revised Appendix T and was posted to e-Marketplace on the Department of General Services (DGS) website.

15. Would PennDOT afford an opportunity for the Offerors to present additional questions for clarifications after the deadline of September 8th?

A15: RFP 10R-01, Part I, “General Information”, I-9, *Questions and Answers*, states in part:

“An Offeror who submits a question *after* the deadline date for receipt of questions indicated on the Calendar of Events assumes the risk that its proposal will not be responsive or competitive because the Commonwealth is not able to respond before the proposal receipt date or in sufficient time for the Offeror to prepare a responsive or competitive proposal. When submitted after the deadline date for receipt of questions indicated on the Calendar of Events, the Issuing Officer *may* respond to questions of an administrative nature by directing the questioning Offeror to specific provisions in the RFP. To the extent that the Issuing Office decides to respond to a non-administrative question *after* the deadline date for receipt of questions indicated on the Calendar of Events, the answer must be provided to all Offerors through an addendum.”

16. Will PennDOT consider the internal use of a requirements management tool other than IBM Rational Requisite Pro?

A16: IBM Rational Requisite Pro is the Department standard tool for capturing requirements. The Department will consider other tools; however, the Offerors shall explain the proposed tools in the technical proposal and provide a justification for deviating from the standard. As stated in task B-2, the completed system requirements document and subsequent updates shall be provided to PennDOT in an electronic format that can be imported into IBM Rational RequisitePro for use by PennDOT.

17. Will PennDOT or the Commonwealth of Pennsylvania make available any preferred purchasing mechanisms for acquisition of third-party proprietary software licensing?

A17: If the Offeror proposes a third-party proprietary software (COTS) as a key component of the functionality for the ATMS system, they shall provide to PennDOT all software licenses and media needed to deliver a complete application solution in accordance with Section 2 of Appendix B. These costs shall be identified in Appendix E, Cost Submittal. *Please refer to task D-6 for more details.*

The third-party software that will be needed to support the ATMS software installation and will be installed on PennDOT property for PennDOT use will be procured by PennDOT outside of this contract. Please refer to task D-1 for more details.

The Offerors shall identify and describe all third-party software necessary to provide a complete ATMS solution in the technical proposal and summarize it in Appendix M.

- Q18:** Will the selected contractor be precluded from participation in future procurements for equipment, devices, systems, and/or services with PennDOT or the Commonwealth of Pennsylvania?
- A18:** **PennDOT’s Office of Chief Counsel cannot offer legal advice pertaining to the State Adverse Interest Act and other applicable laws; or substitute its judgment for those individuals and entities entrusted with enforcement and prosecution of such laws. It cannot be stressed enough that each Offeror, including subcontractors and members of proposal teams, is responsible for assessing prior work, anticipated future work, and the legal question of whether work under this contract could preclude future participation in procurements, or otherwise result in a violation of any applicable legal requirements. Determinations regarding eligibility to participate in future procurements will depend on the specific facts of those procurements analyzed with reference to the facts of the present procurement.**
19. What is the geographic scope of the planned integration identified in Deliverables H2 through H9?
- A19:** **Statewide within the Commonwealth of Pennsylvania.**
20. Is additional specification available for the systems referenced in Software System Requirement IR15 / BR16, and Appendix Y?
- A20:** **Since the majority of the systems listed in IR15/BR16 are potential future enhancements, the Selected Offeror and the Department will negotiate a scope of work for each item in the future, as requested by the Department. Items specifically listed in Appendix Y are to be completed within initial Phases 1-3. Additional details for RCRS are provided as a new Appendix. Also see answer to #28.**
21. Will the selected contractor be allowed to interface with either the systems/software or the devices identified in Appendix S? Does PennDOT have a preferred or required point of interface?
- A21:** **The Offeror is responsible for a Statewide solution. The ability to interface with existing systems/software identified in Appendix S is based on the legal authority to do so. Following are recommendations by the Department for each device type shown in Appendix S.**
- **DMS – Integrate directly with the devices.**
 - **HAR – Integrate directly with the devices or interface with the Platinum software.**
 - **CCTV – Integrate directly with the devices, with the following potential alternatives:**
 - **District 8 – May integrate directly with the devices or with VIDSYS.**
 - **District 5 – May integrate directly with the devices or with Phillips/Bosch GUI version 2.43.**
 - **District 4 – May integrate directly with the devices or with DIVAR and/or e-airlink.**
 - **District 6 – May integrate directly with the devices or with Allegiant Joystick Keyboard.**
 - **Ramp Meters in District 6 – May integrate directly with devices or interface with the Transcore software. The Ramp Meter module is not part of the initial deployment.**
 - **Toll tag readers in District 6 – May integrate directly with devices or interface with the TRANSMIT software for travel time data.**
 - **RTMS in Districts 6 and 11 – Integrate directly with the devices for travel times and/or incident detection.**

- **VIDS in District 6 – Integrate directly with the devices for incident detection**

22. The reference documents with hyperlinks provided in Appendix P, Section 3.0, are not accessible. The server hosting these documents is password protected. Can these documents please be made available to interested bidders?

A22: The documents are available without password. There was a problem with the links. The link text is accurate, but the hyperlinks are wrong. Interested bidders may choose to:

- Copy and paste the link text into the web browser without clicking on the link or**
- Use the links below:**

PennDOT Bureau of Planning & Research
<http://www.dot.state.pa.us/Internet/Bureaus/pdPlanRes.nsf/PlanningAndResearchHomePage?OpenFrameset>

DVRPC Regional Integrated Multi-modal Information Sharing
<http://www.dvrpc.org/Operations/RIMIS.htm>

RCRS = Road Condition Reporting System
<http://www.geodecisions.com/projectdetail.aspx?ProjectID=41102B>

23. RCRS and the PennDOT 511 System are both identified as legacy software systems that required points of interface. Are there any additional software systems that will be required to interface with the planned Next Generation Advanced Traffic Management System?

A23: All currently anticipated interfaces are listed in the RFP in Appendix P and Appendix Y. Please also note that additional interfaces may be requested in accordance with Task I-4, Release Management, or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work. Please also see a response to question 21.

24. Reference Appendix B page 5 of 19, 2. OWNERSHIP RIGHTS paragraph (k): Please define “Non-Commercial Software and Non-Commercial Tools. How does this software relate to:

- Developed Software
- Contractor Software
- Commonwealth Software
- Third Party Software

A24: “Non-Commercial Software and Non-Commercial Tools” would include Contractor, Commonwealth and Developed Software (non COTS products).

25. Reference RFP Section I-5 Escrow Agreement : It states therein: “At PennDOT’s discretion, a validation test shall be performed by the escrow agent to prove usability of the deposited software code at least once a year.”

Please confirm that the cost of this validation testing shall be borne by PennDOT and shall not be included in the submitted prices.

A25: Offerors shall complete Appendix E Cost Submittal, which includes a cost field for the Usability Test Fee on the “Itemized Costs Other” tab under I-5 Escrow Agreement.

26. Reference Appendix P page 14 of 40, Requirement PR09:

The requirement references performance with respect to “6,500 signal systems (covering over 13,000 signals)” and BR16 defines a signal system as having 5 or more signals.

Please confirm the number of signals and signal systems that shall be required for the PR09 performance requirement.

A26: PR09 simply lists the maximum number of devices per device type that ATMS shall support while maintaining minimum performance requirements. The integration of signals or signal systems is not part of the initial Scope of Work.

27. Reference Appendix P Section 10.0 Requirements 11.1 High Level Business Requirements: Many of the business requirements are assigned to Phases I and F (e.g. BR02). Appendix X is blank in the Appendices.pdf file.

Please identify the process for allocating each child requirement to Phase I or F.

A27: Appendix X has been reposted.

Initial (I) and Future (F) phase designations have not been directly assigned to the “child” requirements in Appendix P, Statewide ATMS Software System Requirements, or Appendix X, Traceability Matrix. All “child” requirements in Appendix P are mapped to the business requirements. The Phase I or F designations for the business requirements in Appendix P originate from Appendix O, Statewide ATMS Software Concept of Operations (ConOps). Since multiple ConOps scenarios apply to each business requirement, some business requirements have the designation of both I and F, based on the designation of the related ConOps scenario. Please refer to the ConOps document to determine the phase designation for each ConOps scenario. A summary of scenarios by phase (I/F) is available in section 12.1 (p. 77- 78) of Appendix O.

28. Reference Appendix Y Pages 1 - 2, Interfaces:

- a. Please provide documentation and specifications for the following interfaces listed:
 1. Road Closure Reporting System (RCRS)
 2. INRIX - Vehicle Probe Data Software
 3. Regional Integrated Multi-Modal Information Sharing (RIMIS)
 4. High Occupancy Vehicle (HOV) Module
 5. Queue Detection System – Automated Real-time Messaging System (ARMS)
- b. Please confirm these systems follow the National Transportation Communications for ITS Protocol (NTCIP) and Traffic Management Data Dictionary (TMDD) standards
- c. Please provide status of the Regional Integrated Multi-Modal Information Sharing (RIMIS)

A28: a. Additional details have been provided for RCRS as a new Appendix. The vehicle probe data will be available via an XML feed for integration into ATMS. Additional HOV information has been provided in the answer to question 61. The interface with RIMIS will be one-way, from ATMS to RIMIS; therefore, the Selected Offeror will only need to

provide a data feed. All information currently available for the ARMS system has been provided in appendix Y.

b. PennDOT's analysis relative to compliance is ongoing, but it is anticipated that the Selected Offeror will identify compliance as specified in Task B – High Level Design, Section B-1.

c. RIMIS has been deployed in District

29. Reference RFP Part IV Page 18 PennDOT ITS Operations :

Does PennDOT have the interface specifications for all of the external systems (e.g. anti-icing, APRAS, INRIX)?

A29: Refer to the answers provided for questions 20 and 28, which will answer these questions.

30. Will Value Engineering options be available?

A30: The RFP structure will provide the Selected Offeror with opportunities to maximize function and minimize cost.

31. Will TMC/District and field site visits be allowed prior to submittal of the proposal?

A31: No. It is not feasible to assure that all vendors get the same information with the site visits. As an alternative, RTMC managers will present some additional information about the TMCs at the pre-proposal conference. That information will be made available to all vendors on the e-marketplace website after the conference.

32. What is PennDOT's vendor budget for the ATMS project (exclusive of PennDOT's costs e.g., Hardware procurement)?

A32: PennDOT does not disclose project specific budget information. Offerors shall propose a cost effective solution.

33. Is there a list of Upcoming projects to be included in Appendix R? No projects were listed in the RFP. Duplicate question – see Q2.

A33: Refer to response to Question #2.

34. Please clarify the proposal requirements for subcontractors:

a. What requirements need to be met by subcontractors. For example is section II-7 Financial Capability only required for the Prime Contractor?

A34a: Subcontractors are not required to provide financial Capability, only the Prime Contractor. RFP 10R-01, Part IV, "Work Statement", IV-3, c. Project Staffing states in part that: "The Selected Offeror shall also identify by name any subcontractors intended to be used and the services they will perform." In addition, Part II-9 Disadvantaged Business Enterprises information is required as it relates to subcontractors, where applicable.

b. Do Subs need to sign Appendix G and H?

A34b: No.

35. What should we do with cost spreadsheet if more than 20 positions are needed?

A35: Offerors are reminded that submitted costs are position based and not person based. Costs for multiple persons within the same position type should be submitted at a single rate and the number of hours should be estimated accordingly to arrive at a total deliverable cost. It is not anticipated that more than 20 position types will be needed. If an Offeror needs more than 20 position types, please contact the Issuing Officer for further guidance. This shall not be an acceptable reason for a bid submission past the bid due date.

36. With the liquidated damages conditions in the contract -- how will PennDOT account for delays that not the fault of the offerer? What is the envisioned process to account for delays that are outside of the control of the vendor?

A36: Refer to Paragraph 18, Appendix C, Standard Terms and Conditions (STD-274).

If delays resulting from unforeseen circumstances occur, changes to the deliverable due date will be agreed upon by the CONTRACTOR and PennDOT and will be in accordance with Paragraph 30, Appendix C, Standard Terms and Conditions (STD-274)

37. a. Are Key personnel Letters of Commitment required in the proposal or only upon award? If they are required with proposal, should they be included in the appendix along with resumes?

A37a: Letters of Commitment for Key Personnel are required with the proposal and shall be included with resumes in the appendix.

b. Can we assume they won't be counted in the page limit?

A37b: Yes.

38. a. Will Penndot provide offerer's licenses (at no cost) for necessary software tools (e.g., Oracle, ESRI, and Requisite Pro) required to support the project and development effort?

A38a: Access to necessary development tools will be provided to Offerors who propose to develop the ATMS software on site at PennDOT facilities since the developed software will be owned by the Commonwealth and the tools provided will remain on PennDOT property for PennDOT use. The licenses to development tools will not be provided to Offerors who propose to use their own development environment.

b. Can PennDot existing licenses be leveraged?

A38b: Yes, but only when the development work occurs on site at PennDOT facilities.

c. Can PennDOT provide information for tools listed in Appendix CC?

A38c: It is unclear what specific information is requested. For some additional information about the tools in Appendix CC refer to response to question 132.

39. Can you provide details on the planned video sharing system? For example, what will the video format and transport be (H.264, RTMP, etc.) Do we need to integrate with different existing systems until the new system is deployed?

A39: No. We do not have the details on the planned video sharing solution at this time. Yes, the RFP requires that the proposed ATMS integrate with the existing CCTV infrastructure in place in each district.

40. Scenario 21.0k refers to a HAR playlist. Scenario 23 talks about playing a message of lower priority than currently playing on the HAR. Can only one message be playing at a time?

Can messages of different priorities be in the same play list on the same HAR?

A40: Yes and Yes.

41. Requirement PR10 - what is meant by the phrase "(regardless of the zoom, pan, etc.)"?

A41: Regardless of the User interaction with the map interface, the User screen will always update in less than one second.

42. Does requirement HR06 refer to the colors in HR05? If so, why would the operator want to change those colors?

A42: The Selected Offeror will have an opportunity to clarify requirements with ATMS Users under RFP Task B – High level design, Section B-2

43. Please clarify Requirement DR10 - what kind of construction information is to be collected and stored?

A43: Construction information related to roadwork will be entered into RCRS and displayed in ATMS.

44. Please clarify requirement ER05 - what precisely do you mean by "cluster-able"

A44: The ATMS system must be able to support multiple servers configured as either highly available or load balanced. The system should be able to be deployed on a Microsoft Windows 2008R2 Cluster for high availability (active/passive cluster nodes).

45. Please clarify Requirement ER18 - What do you mean by "to support automation"

A45: The ATMS shall have an open API that allows for configuration and/or scripting by the Department or designee.

46. Please Clarify Requirement FDC10 - what is the purpose in comparing current VOS data with the historical data by "day of month"?

A46: As required in Task B, the Selected Offeror will validate all System Requirements. During this Task it will be determined if comparing to "day of month" is or is not needed.

47. Please clarify requirement FRP 04 - can you give some specific examples of the "Individual steps in the ATMS software response"?

A47: Examples of individual steps are provided in Appendix O, ATMS Software Concept of Operations (Reference scenario's 8, 16, and 26).

48. Please clarify requirements FDM06 and FDM07 - is it necessary to send and remove a message from the sign for any other reason then immediately displaying the message?

A48: An Operator shall have the ability to schedule messages to display on one or more DMS for a future date/time.

49. Please clarify requirements FHR06 - do you mean listening to the actual HAR transmission or just the message audio that was sent to the HAR?

A49: The intent is for the User to be able to listen to the actual message that the HAR is currently transmitting by downloading the audio file from the HAR.

50. Please clarify requirement FEA01 - what do you mean by "and must be confirmed by the user."?

A50: The User must have the capability to override the ATMS assigned equipment status.

51. Please clarify requirements FEA04 - as pertains to system parameters, what do you mean by "geographic boundary of incidents"?
- A51: Requirement FEA04 has been amended to "The ATMS software shall provide the ability to adjust system parameters, which include but are not limited to device configurations, Traffic (including travel time) thresholds, and incident detection settings."**
52. In scenario 12.1/requirement FCC06 - Does the department expect the joystick control to be operated via the browser based application? Will they accept a non-browser based application for video viewing and control within the TMC?
- A52: Joystick control is not required for a browser based system.**
53. Please clarify the apparent contradiction between Appendix N and the RFP on page 46 with respect to Interface to 511. In Appendix N it is indicated as Phase 4 but page 46 seems to indicate as part of the initial Eastern Region Deployment.
- A53: Item listed as "511/Current Data Provider Interface (Statewide)" on p. 46 of the RFP refers to item listed as "Vehicle Probe Data" in Appendix N and is a Phase 1 item. Please refer to Appendix Y for further description of the Vehicle Probe Data interface.**
- Interface to 511 system is a separate item in Phase 4.**
54. Can PennDOT provide the specifications, protocols, and API for the TRANSMIT system to support the intended integration.
- A54: The Selected Offeror will need to work with Transcom during the planning and design phases to determine the level of integration needed with either the TRANSMIT system and/or with field devices, such as the Mark IV travel time readers.**
55. Cost Appendix E - Are subcontractors required to complete each line item of the cost per position or just provide an hourly rate they will charge the prime? If the subcontractor is required to fill out completely, then how can the prime add on their administrative costs and fee to the subcontractor's cost?
- A55: The Offeror shall complete Itemized Cost Worksheet for all position titles, including those filled by subcontractors.**
56. Cost Appendix E - Our normal mode of operation is for the Contract Administrator to charge time directly to those contracts under his or her responsibility. Given that we only have limit of 20 positions, do we charge this as a direct position or as a part of the Administrative Overhead?
- A56: Either way will be acceptable.**
57. Cost Appendix E - The line item listed as Other requests that we specify this cost item. There is no place on the worksheet to provide detail for Other costs. Where should Other costs be specified?
- A57: Include breakdown of "Other" in a separate sheet of paper and include with your Cost Submittal.**
58. Cost Appendix E - If a company has an approved FAR rate with PennDOT can that be used in the spreadsheet rather than breaking down into components.
- A58: Yes. If any problems with the Cost Submittal Worksheet are encountered, contact the Issuing Officer for assistance.**
59. Task A-1 Deliverable - PennDOT requests delivery within 15 days of NTP but Appendix V states that Contractor shall provide high-level outline of all written deliverables and PennDOT has 5 working

days to review. Will PennDOT waive the outline review to enable the PM plan to be prepared and delivered within 15 days from NTP?

A59: The RFP proposal submission is expected to contain the information that would serve as a high level outline for this task; therefore, upon NTP, PennDOT will have already reviewed the high level outline.

60. Please clarify last bullet on page 43 of the RFP -- What is meant by "devices that have communications directly to TMCs" - does this imply devices linked by dial-up? Will PennDOT be responsible to make any required upgrades to the system to support connectivity with the new ATMS?

A60: The phrase "communications directly to the TMCs" represents any means of electronic data transfer including dial-up, T-1, dedicated fiber, wireless or any other form of communication. During the design phase, the Selected Offeror will create a report that details recommended or required upgrades needed to meet the performance requirements. If the Department concurs with the Selected Offeror's recommendations the costs for these upgrades will be paid for by the department.

61. Appendix J appears to be missing various devices referenced in the RFP such as Ramp Meters, Gates, and lane control (Part of HOV system). Will an updated matrix be made available?

A61: The HOV system has been in place since 1996 and the manufacturer information is not available. The HOV is currently controlled by the existing District 11 ATMS system that is a custom solution developed for PennDOT. The available information about the devices is that controllers are 170 models, and the interlock fiber equipment is made by TFS.

The Ramp Metering system in District 6 is not part of the initial Deployment, rather it may be added as a future supplement or within Task I-4. However, the controllers used in the current Ramp Meter system are "McCain 170E utilizing the 68/11 CPU."

Since the additional information is provided within this response, the matrix will not be updated.

62. Can the proposals be hand delivered? If so do they still subject to the security procedures described on page IV?

A62: Proposals can be hand delivered to the location indicated on the Calendar of Events. Hand delivered proposals must be time stamped by the receptionist by the date and time indicated on the Calendar of Events. Hand carried proposals are not subject to the security procedures.

63. Please clarify how the cost scoring will be treated.

a. Will the cost scoring be based on the DGS Cost Formula found on the DGS website?

A63a: Yes.

b. Will the Cost proposals be opened after the technical scores are finalized?

A63b: Offeror's Cost proposal will be opened only if the total score for the technical submittal is greater than or equal to 70% of the total available technical points in accordance with Part III-5, Offeror Responsibility.

64. E-2.4. Software Installation into the Staging Environment:

a. Does the Commonwealth intend to have one single staging environment that will be used for UAT/staging for each phase (1, 2 and 3)?

A64a: PennDOT normally has one UAT/staging environment per project; however, if necessary, we can provide more than one.

b. Are there staging environments for each region?

A64b: If it makes sense to do so, we can accommodate staging environments for each region.

65. Task I Maintenance and Support:

Does this sentence intend to reference Task E-2.10 "Maintenance and Support activities shall begin upon the first completion of Post-Implementation On-site Support (Task E-5.2.)"?

A65: Yes, the correct reference is Task E-2.10.

66. Appendix R List of Upcoming Integration Projects. Can the Commonwealth provide any detail for the upcoming integration projects?

A66: Refer to response to Question #2.

67. Appendix E – Price:

What level of reporting (expended labor hours relative to project budget) will the Commonwealth look for in the "regular status report" from the selected vendor?

A67: This is a deliverable based contract. The estimated labor hours requested in Appendix E, Cost Submittal, will be used to arrive at a total deliverable cost and will not be used for project progress tracking. The project budget will be tracked at a deliverable level. Regular status reports are expected to include the listing of all deliverables and the total cost for each deliverable. Based on the status of each deliverable (e.g., completed vs. not completed), the report shall show the expended, total, and remaining budget.

68. Part III-4a Criteria for Selection – Technical:

Can you please list the maximum number of points available for each of the technical criteria i through iv? If so, please provide the total points or percentage of points to be allocated to each criterion separately.

A68: This information is not provided to Offerors.

69. Appendix E Cost Submittal:

Will the offeror be paid the exact amount in the cost column for each deliverable listed with hours regardless of the actual hours expended? (this question does not apply to Task I-4 since the hours were provided in the RFP)

A69: This is a deliverable based contract. RFP 10R-01, Part II, Proposal Requirements, II-11, Requests for Payments, states in part that:

"Payments will be based upon the successful completion and written acceptance of each deliverable identified in Appendix E, Cost Matrix, of this RFP. Each deliverable payment will be based on the agreed cost and acceptance date within the Offeror's proposal or as agreed to in the final contract."

70. Appendix C – Standard Contract Terms and Conditions:

Is the Commonwealth suggesting that there is no limitation of liability in this RFP and in the ensuing award or was this to be addressed by each bidder within Section II-8 - Objections and Additions to Contract Terms and Conditions on page 12 of the RFP?

A70: Refer to response to Question #6.

71. Appendix P; Appendix Y:

Appendix P – BR16 lists the TRANSMIT system as a required initial or interface for Travel Times. However, IR11 does not mention TRANSMIT but does mention INRIX. Appendix Y specifies only INRIX as a required interface, not TRANSMIT. And then the RFP IV-H.8 mentions TRANSMIT as future integration. Because of these discrepancies, can the Commonwealth clarify whether the TRANSMIT interface will be part of the initial deployment?

A71: The integration of the travel time systems must be completed in the initial deployment. The travel time system that utilizes the Mark IV equipment may either be interfaced with TRANSMIT or directly with the field equipment. It is up to the Selected Offeror to propose a solution.

72. Appendix P; Appendix Y:
Section IV-4-Task E of the RFP states that Queue detection should be part of the initial deployment in the Eastern Region. Requirement IR15 of Appendix P lists the I-83 Queue detection system as part of future integration. Appendix Y states "An interface with I-83 Queue Detection System will need to be developed through the Next Gen ATMS application to continue to utilize I-83 Queue Detection System functionality and to incorporate the data and alarms from this system into Next Gen ATMS." Can the Commonwealth verify that the interface with the I-83 Queue detection system an initial requirement to be deployed in the Eastern Region?

A72: The I-83 Queue Detection System will be integrated with the Central Region Deployment in Task F. The "Queue Detection" listed in Task E is for the loop sensors used in District 5 along US 22 for Queue Detection.

73. Appendix P; Appendix Y; Appendix N:
Requirement IR15 of Appendix P, lists the RIMIS system as part of future integration. However, Appendix Y and Appendix N imply that the RIMIS interface is part of the initial deployment. Can the Commonwealth verify whether the interface with the RIMIS system is an initial requirement?

A73: Interface to RIMIS is identified as Phase 2 item (Central Region Deployment), it is part of the initial deployment.

74. Appendix O:
There are reference links listed that are password protected:
PennDOT Bureau of Planning & Research,
DVRPC Regional Integrated Multi-modal Information Sharing,
RCRS = Road Condition Reporting System
Can the Commonwealth make these documents/references available?

A74: Please see answer to question 22.

75. Appendix CC:
Appendix CC says under "Desktop Software Standards", o. Microsoft Internet Explorer 6.0 SP3 (targeting IE8). Later in Appendix CC, under "End Users", it says with no mention of IE8, e. Browser - Microsoft Internet Explorer 6 with SP3. It's not clear that the "targeting IE8" under "Desktop Software Standards" also applies to end users.
What is the Commonwealth's plan to rollout a newer version of IE?

A75: IE8 has been rolled out and is now the standard for the Department.

76. Appendices:
There is a HAR by American Signal Co (AMSIG), Model, T-100, which is not listed in Appendix S. Was this device listed in Appendix J erroneously, or is it intended possibly for future use?

A76: This device should be removed from Appendix J as it will not be integrated with ATMS.

77. Appendices:

There is a Camera listed in Appendix S, for Districts 6 and 9 with a label of "Phillips" next to it, but there is no listing for a Phillips camera in Appendix J. Was this Phillips camera left out of Appendix J accidentally? If so, what is/are the specific model(s) which are needed?

A77: The reference to "Phillips" in Appendix S should be listed as "Bosch." All models are included in Appendix J.

78. Appendices:

There is a detector listed in Appendix S, for District 11, with a label of "Microwave" next to it, but there is no listing for a "Microwave" detector in Appendix J. However, there is a detector in Appendix J for a Wavetronix detector, model SSI 105, which is not listed in Appendix S. Is "Microwave" vernacular for "Wavetronix"? Or should "Microwave" be added to Appendix J, and if so what is/are the specific model(s) which are needed?

A78: All of the wavetronix detectors are "Microwave" and are model SSI 105.

79. Appendices:

There are other device types, a DYNAC/VIDS video detector, Toll Tag Readers, and Ramp Meters listed in Appendix S (all for District 6), which are not listed in Appendix J. Should any or all of these be included in Appendix J?

A79: The District 6 video detection system is Autoscope and is already included under detectors in Appendix J. The device manufacturer is Econolite.

Appendix S also provides the basic information about the District 6 travel time system. Dynac connects to the travel time system and server to obtain the information and also to the DMS for posting the travel times.

Refer to the answer provided for question 54 for Toll Tag Reader information.

Ramp Meters are not part of the initial deployment, however they may be added as a future negotiated supplement or deployed as part of Task I-4.

80. Appendix Q - only seems to show camera inventory. Can the Commonwealth confirm that this is the most complete ITS inventory available?

A80: Refer to response to Question #1

81. Part III b Criteria for Selection Cost:

Can the Commonwealth please describe the methodology that will be used to determine the number of points earned for cost out of the 30% allocated to the cost criteria?

A81: Each Cost submittal is listed in ascending order based on total contract value with lowest total contract value receiving the most points and each submittal thereafter receiving incrementally less points.

82. Appendix E Cost Submittal:

Is each deliverable listed with hours considered firm fixed price? (This question does not apply to Task I-4 since the hours were provided in the RFP).

A82: Refer to response to Question #69.

83. Appendix E Cost Submittal:

What must be delivered to achieve successful completion and written acceptance for deliverable D-6?

A83: Refer to RFP 10R-02, Part IV, "Tasks", Task D, Implementation Planning, D-6, ATMS COTS Software Licenses for requirements to complete deliverable D-6.

84. Appendix E Cost Submittal:

For deliverable D-6, will the offeror be paid the amount in the cost column upon providing to PennDOT all software licenses and media needed to deliver a complete application solution in accordance with Section 2 of Appendix B.

A84: Refer to response to Question #69.

85. Appendix E Cost Submittal:

Will the offeror be paid for additional hours at the blended rate if hours worked exceed the number of hours listed in task I-4?

A85: Hours indicated under Year 3, Year 4 and Year 5 of the Cost Submittal for Task I-4 are the maximum number of hours PennDOT has allocated for this task per year. As stated in I-4 Release Management, "PennDOT will work with the Selected Offeror to determine which items will fit in the scope of each release based on the prioritized list of enhancements. The deliverables for each release will be based on the release management plan that is established at the start of the release effort."

86. Appendix E Cost Submittal:

Should Appendix E include any costs for Phase 5? If so, please explain.

A86: No. Any Phase 5 work will be addressed by Appendix B, Special Terms and Conditions Paragraph 7, Additional Work.

87. Appendix E Cost Submittal:

Should Appendix E include any costs for Phase 4? If so, please explain.

A87: Phase 4 work will be addressed under RFP Task I-4, Release Management, or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work. The only cost information to be included in Appendix E for Phase 4 is the blended rate for Task I-4.

88. Appendix E Cost Submittal:

Tasks E-2, F-3 and G-3 are each priced as one line item in Appendix E. These tasks may extend over several months. When will the offeror receive payment for deliverables under Tasks E-2, F-3 and G-3?

A88: Refer to response to Question #69

89. Appendix E Cost Submittal:

Tasks E-2, F-3 and G-3 are each priced as one line item in Appendix E. These tasks may extend over several months. Can the offeror propose to receive progress payments based upon the completion of sub-tasks during the implementations?

A89: Refer to response to Question #69

90. Are tools (e.g., Rational, Remedy) dictated by Commonwealth organization or at PennDot level?

A90: Remedy is a Commonwealth standard. Rational is a Department standard and is also recognized by the Commonwealth as an acceptable tool for version control, enhancement/defect tracking/requirements management, etc.

91. Can the offeror assume that all tools listed in the RFP (e.g., Rational, Remedy) will be furnished as GFE?

A91: Please also refer to responses to question 38.

92. Can the Commonwealth confirm if there is location preference for train-the-trainer training, for example at each district site or at central location (i.e. Central Office)?

A92: Specific locations will be determined at a later date. It is anticipated that train-the-trainer sessions will be held regionally and at the Central Office.

93. Does the Commonwealth have a preferred method for presentation of training?

A93: No. The Offerors should propose the recommended method of training based on industry standards and best practices in response to Task D-4.

94. Appendix T - Requirements / Existing Software Capabilities Matrix, requires a response to each of the ATMS requirements, presumably those listed in Appendix P. Does the Department have a form for this response or is the format of this response left to the offerer?

A94: Addendum #1 provided a revised Appendix T and was posted to e-Marketplace on the Department of General Services (DGS) website. The currently posted version of Appendix T - PennDOT Requirements / Vendor's Existing Software Capabilities Matrix lists the ATMS requirements, established response codes and provides areas for Offeror's comments.

95. The requested cost submittal Appendix E - seems to only address tasks for inventory, condition assessment reports, software design, implementation and integration services plus system documentation and COTS software licenses. Please confirm that no cost estimates are required for any software development. Will the department request software development cost estimates after NTP and based on the results of completed Tasks A, B & C?

A95: Refer to response to Question #97.

96. Section 17 provides very broad grounds for default including "breach of any provision of the Contract." This is broad enough to include any non-material provision. Is it possible to request that any ground for default not be a default until vendors have received notice and a period of time, say of 15 or 30 days, to cure the default?

A96: Refer to response to Question #6.

97. Tasks A through D are focused on planning and design. Tasks E-G address regional deployments. The cost proposal template tracks the task structure quite closely and identifies a number of deliverables for each task that presumably would be tied to milestone payments. However, there is no task for actual software development and no deliverables or milestone payments associated with actual software development and testing. Please confirm that no cost estimates are required for any software development. Will the department request software development cost estimates after NTP and based on the results of completed Tasks A, B & C or is the expectation that the successful

Offeror will not receive any milestone payments for software development? If so, how should we reflect the costs of software development and testing in our cost proposals if there is no task associated with this work?

A97: Tasks E-2.2. , F-3.2, and G-3.2 are the development and testing tasks for the regional deployments. They are part of the larger deliverables E-2, F-3, and G-3, respectively. Cost estimates for software development are required and must be included under deliverables E-2, F-3, and G-3 in the Appendix E, Cost Submittal.

Please note that software development and testing work is also within the scope of Task I-4, Release Management; software development and testing is part of the estimated 350 hours of work, per release.

98. Phases 4 and 5 refer to future enhancements but there are no tasks in the SOW related to these Phases and no reference to them in the cost proposal template. Is the expectation that these Phases will be negotiated at a later date?

A98: Pages 24 and 25 of the RFP explain the approach to be taken with Phases 5 and 4. Phase 4 items may be completed under RFP Task I-4, Release Management or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work. Task I-4 is included in the cost proposal template. By definition, Additional Work is not part of the provided cost proposal template.

PennDOT and the Selected Offeror will mutually agree upon the scope, specific tasks, and schedule for completion of Phase 5 as provided for in Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work, in consultation with the Selected Offeror.

99. The cost template requires offerors to provide detailed breakdowns of labor and general overhead costs. Will PennDOT accept the use of a general audited overhead rate, supported by the appropriate audit report, as opposed to this very specific overhead breakdown?

A99: Refer to response to Questions #57.

100. Which of the signs listed in the Existing Device matrix are NTCIP compliant?

A100: The Selected Offeror shall be responsible for determining applicable compliances as specified in Task B – High Level Design, Section B-1. See the response to Question #28.

101. What are the traffic signal systems that are to be interfaced to? Is this a current or future requirement?

A101: Traffic signal systems are identified as potential future enhancements. Additional details about the system will be available when the Department requests to have the systems integrated. This work may be completed under Task I-4, Release Management or established as an Additional Work item as defined in Appendix B, Special Terms and Conditions, Paragraph 7.

102. Can you elaborate on the "planned video sharing solution" referenced in Section IV-1 (page 24) of the RFP? More specifically, has the solution been determined? If so, what is the solution; if not, when does the Department expect that solution on place?

A102: Please see the response to Question 39.

103. Should the financial documents and Dun and Bradstreet report requested in II-7 Financial Capability (page 11 of hardcopy) be included in this section of our response, or should the documents be submitted as part of an Appendix of our submittal?

A103: Financial documents can be submitted as appendices to the technical proposal.

104. Is the Dun and Bradstreet report subject to the 10 page limit as referenced in section I-14 (page 4 of hardcopy)?

A104: No.

105. Which forms or other documents constitute "Offeror's appendices of supportive information" referenced in I-14 (page 4 of hardcopy)?

A105: Supportive information is any information deemed necessary that was not provided in response to requirements listed in Section II-1 thru II-9.

106. Section II-12 of the RFP (page 13 of the hardcopy) indicates that a completed and signed Domestic Workforce Utilization Certification (Appendix D) form be included as part of the proposal. Should this form be included in this section of our response, or should the documents be submitted as part of an Appendix of our proposal?

A106: Include as part of the technical proposal.

107. Section III-1.C. lists (page 14 of the hardcopy) the appendices requiring completion and submission within the proposal. The RFP instructs that Appendix J, M, and T be submitted as an appendix to the proposal submittal. However, the RFP doesn't indicate where completed and signed Appendices D, G, and U should be included within the proposal submittal. Please clarify where these completed forms should be inserted within the proposal and what page limit are these forms subject to?

A107: These forms may be submitted as appendices to the technical proposal.

108. Part II – Proposal Requirements (page 10 of hardcopy) says "All cost data relating to this proposal and all Disadvantaged Business Enterprise cost data should be kept separate from and not included in the Technical Submittal. Each Proposal shall consist of the following **two** separately sealed submittals:

- A. Technical Submittal, which shall be a response to RFP Part II, Sections II-1 through II-9;
- B. Cost Submittal, in response to RFP Part II, Section II-10. Appendix K, Proposal Cover Sheet, indicates that **three** separately sealed submittals comprise the Offeror's proposal. Please clarify.

A108: Refer to response to Question #13.

109. Section I-12 of the RFP (page 3 of the hardcopy) indicates that 20 copies of both the Technical and Cost proposal should be submitted. How many originals are required?

A109: One.

110. Do the 8 pages of Appendix E count toward the 100 page limit?

A110: No, it is a separate sealed submittal.

111. Does the 100 page limit mean that the proposal may consist of 100 sheets of paper (meaning 200 total sequentially numbered pages of content, front and back of paper) or does it mean the proposal should have page numbers added, 1-100 (meaning 50 sheets of paper with front and back content)?

A111: The 100 page limit means either 100 pages single-sided or 50 pages double-sided.

112. Does the Offeror's appendices of supportive information with a 10 page limit count as part of the 100 page limit referenced earlier in section I-14?

A112: No, the supportive information is separate from the 100 page limit for the technical proposal.

113. The proposal requirements (page 10 of the hardcopy) lists headings II-1 through II-12 that should be included in the proposal submittal. It is not clear where content regarding the offeror's software solution should be inserted. Where should this type of information be included in the offeror's response?

A113: Offeror's software solution should be included in the technical proposal submittal.

114. Paragraph 17 (Default) of the Standard Contract Terms and Conditions does not appear to provide for a remedy period following notification by the Commonwealth that a default condition may exist. Is it the intent of the Contract to provide time for the Contractor to remedy a potential default prior to termination?

A114: Refer to response to Question #6.

115. In reference to Para. I-5 of the RFP "Type of Contract", what is the meaning (definition) of "Basic Established Price contract"? To further clarify, will the Issuing Office and Selected Offeror be executing a Lump Sum Fixed Price (LSFP) contract, Cost Plus Fixed Fee (CPFF) contract, Professional Services contract to be billed on an hourly basis or other type of contract?

A115: A Basic Established Price contract provides for a price which is not subject to an adjustment by reason of the cost experience of the contractor in the performance of the contract. The RFP is deliverable based, and will be paid on a lump sum basis upon completion of the deliverable and the Department's approval.

116. Some of the work scope is not fully defined and therefore difficult to accurately estimate. For example, Task B "High Level Design" calls for the Selected Offeror (post award) to deliver several reports including, as detailed in B-1.2, the "Center to Field Protocol Report". This provision requires the Selected Offeror to inventory and document communication and control methods and protocols to various (field) devices. Further, if protocol documentation is not available, the Selected Offeror is responsible to "intercept and decode" existing communications "as needed". As defined, the "Offeror" does not yet know what effort will be required to complete the Task deliverables. The effort cannot be known until the "Selected Offeror" has been provided existing documentation or has intercepted and decoded (reverse-engineered) interfaces for which no documentation is available. If the established budget for a Task is exceeded, will the Issuing Office and the Selected Offeror adjust the budget commensurate with the change in work scope or is the "Total Cost" as defined in Cost Submittal provided in Appendix E fixed?

A116: Refer to response to Question #115.

117. What conditions will have to be met in order for the Issuing Office to authorize release of monthly progress payments to the Selected Offeror?

a. Upon submission and review of acceptable backup substantiating reported progress (e.g., status report, timesheets, invoices)?

b. Only at the completion and acceptance of specified deliverables?

A117: Refer to response to Questions #69.

118. Part IV, Work Statement, PennDOT ITS Operations, pg.18: "Offerors are referred to the *ITS Equipment Inventory (Appendix Q)* and *List of Upcoming Integration Projects (Appendix R)* to become familiar with PennDOT's existing and proposed ITS field devices and systems, respectfully."

- a) Appendix Q lists CCTV cameras only. Are there listings available for the remaining device types at each District, or are these listings to be generated by the selected vendor as described in "Task B: High Level Design" after award?

A118 a): Refer to response to Question #1.

- b) Appendix R has been provided as blank page. How are separate upcoming Integration Projects to be accounted for within the proposal, and contractually after award of this Statewide ATMS?

A118 b): Refer to response to Question #2.

119. Will the Issuing Office consider providing a list of firms who participated in the production of the RFP and are thus precluded from proposing?

A119: No. Each Offeror and subcontractor is responsible for complying with law and the terms and conditions of prior agreements, which may impact the ability to participate in this RFP.

120. Software requirement HR09 on page 20 in Appendix P requires that the ATMS software map shall be based on the PennDOT roadway management system (RMS) used for all PennDOT GIS applications. Will the Issuing Office please provide the following information regarding RMS:

- A. Please provide the type of geospatial data source used by RMS. For example is this and ESRI based data source?
- B. Does PennDOT own the data source or does PennDOT maintain a statewide license?
- C. Is the data source navigable? (I.e. roadways connected to allow for traversal)
- D. Is lane detail included in the data source? (i.e. number of lanes per segment)
- E. If the RMS data source does not contain sufficient data to allow the proposed ATMS to meet the requirements listed in the RFP, does the Offeror or PennDOT bear the costs to obtain or enhance the data source?

A120A: The RMS (Roadway Management System) is a non spatial, mainframe system. It is the storehouse and maintainer of PennDOT's Linear Referencing Method. The Linear Referencing Method is utilized by PennDOT's GIS to affix roadway attribution through Dynamic Segmentation.

A120B: PennDOT has full ownership of its Linear Referencing System and Method, as well as GIS Centerlines and linkages for all PennDOT owned roadway.

A120C: The RMS is not navigable. The GIS road network is snapped together, but also not navigable.

A120D: Number of lanes is an attribute in the RMS and loaded into GIS.

A120E: If data sources are missing from RMS then the Department will update RMS.

121. The Cost Submittal provided in Appendix E lists items H2 through H9 as planned ITS Deployment integration work. However on page 25 of the RFP additional items are listed for possible inclusion in Phases 4 and 5 that are not listed in the Cost Submittal. Should the Offeror make provisions for these items in our Cost Submittal and if so, how should this be accomplished?

A121: Tasks H2 through H9 are specifically dedicated to new device integration. All new devices, identified by type, will be integrated under tasks H2 through H9. This work is separate from the work identified as Phase 4 and Phase 5.

For explanation of Phases 4 and 5 please refer to Question 98.

122. On page 57 of the RFP the requirements indicates that PennDOT plans to implement a state wide video sharing solution during the execution of this project and that an integration with the proposed ATMS will be required. The RFP also requires that the proposed ATMS integrate with the existing CCTV infrastructure in place in each district. Should the Offeror make provisions in its cost estimate for the interfaces with both the existing and planned video sharing system?

A122: Since details about the planned video sharing solution are not available at this time, the Offerors should only include costs for integrating with existing video systems. Planned video sharing solution will be addressed as a Phase 4 item, which means that it may be completed under RFP Task I-4, Release Management, or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work.

123. Appendix Y lists interface descriptions for several systems that must be integrated with the proposed ATMS. Will additional detailed interface documents be provided to allow for these interfaces to be accurately estimated or does the RFP anticipate that the interface details will be developed during the design phase of the project?

A123: See answers to questions 20 and 28 for details.

124. Will we have any opportunity to tour any of the facilities to view some the equipment that needs to be integrated?

A124: Please refer to the response to Question31.

125. Will we have any opportunity to ask follow-up questions following the Pre-proposal Conference and Issuing of Answers to the first round of questions?

A125: Refer to response to Question #15.

126. Scenario 26.h references the Emergency Detour Routing System (EDRS). Is this a stand-alone system that the TMC Operator has access to, or is it intended to be integrated into the Next Generation ATMS?

A126: EDRS system was recently incorporated into the Road Condition Reporting System (RCRS). Statement h in scenario 26 should reference RCRS system.

127. Scenario 52 describes the TMC Operators monitoring the Roadway Weather Information System and notifying the public when they perceive hazardous travel conditions. The primary subject of Scenario 27 is AVL but it references alarms generated by the RWIS system. Is it expected for the TMC Operator to get alarms from the RWIS system? Are these alarms and thresholds managed by the existing RWIS, or is this something to be managed within the Next Generation ATMS? Or is the plan to present weather data to the TMC Operator and for them to take appropriate actions based on weather data?

A127: RWIS will not be integrated as part of the initial deployment. This work may be completed under RFP Task I-4, Release Management or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work.

128. Appendix R: List of Upcoming Integration Projects was blank. Can you provide it?

A128: Refer to response to Question #2.

129. Appendix X: Traceability Matrix was blank. Can you provide it?

A129: Refer to response to Question #3.

130. Interface Requirement IR05 states that "RCRS will be the primary means to enter incident data." We understand that RCRS is intended to be the primary tool for entering incident data, however, scenario 25 of the ConOps indicates incident will be entered into the ATMS (steps a and b) and then loaded FROM RCRS (step c). Please can you provide further narrative that explains your expectations with regard to incident entry and update? This should cover whether updates can be made in both systems and what the preferred form of arbitration will be. If incidents can be entered into both systems, there will also need to be arbitration to ensure there are no duplicates.

A130: RCRS will be the only system used for the entry, update, and close-out for events (ie. incidents, roadwork, etc.). The capability to launch the RCRS application from the ATMS application shall be provided.

131. Appendix Q: ITS Equipment lists only CCTV. Can you provide similar detail for all ITS field elements?

A131: Refer to response to Question #1.

132. Appendix CC: Department Standards and Tools

- a. Please clarify whether listed software applications (version control, enhancement/defect tracking/requirements management, etc) are required for vendor's development and test environment or equivalent tools from other manufacturers are acceptable.
- b. What is PennDOT's preferred hardware server platform/brand/manufacture?
- c. What is PennDOT's preferred Storage System (SAN) platform/brand/manufacture?
- d. What is PennDOT's preferred networking equipment platform/brand/manufacture?
- e. What is PennDOT's preferred workstation platform/brand/manufacture?
- f. What are the specifications of existing PennDOT's servers (requirement ER25)

A132: a. For vendor's own development and test environment equivalent tools are acceptable. The PennDOT standard version control, enhancement/defect tracking/requirements management tools must be used for any software components owned and/or maintained by the Commonwealth. PennDOT standard tool for managing these software assets is the Rational Tool Suite. If a vendor is proposing to deviate from the standard for any software components owned and/or maintained by the Commonwealth, the vendor shall explain the proposed tools in the technical proposal and provide a justification for deviating from the standard.

133. Several of the ITS Network Diagram show a dialup modem connection to a "Traffic Controller". Can you describe this device and what the data will be used for if it is to be integrated? What is the desired polling interval?

A133: The Traffic Controller refers to signals / signal systems that are not part of the initial deployment. This work may be completed under RFP Task I-4, Release Management or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work.

134. District 3 ITS Network Diagram shows a dialup modem connection to a "Traffic Counter". Can you describe this device and what the data will be used for if it is to be integrated? What is the desired polling interval?

A134: Traffic Counters will not be integrated in the initial deployment. This work may be completed under RFP Task I-4, Release Management or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work

135. District 5 ITS Network Diagram shows a UFH Radio Modem to the Ramp Metering system. Can you provide more details on this modem and connection (make/model/protocol...)?

A135: The Ramp Metering system in District 5 will not be integrated in the initial deployment. This work may be completed under RFP Task I-4, Release Management or in accordance with Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work. All communication details will be provided when needed.

136. What will the make-up of the selection committee be?

A136: Selection committee members will represent various technical and business interests within the Commonwealth.

137. Will as-builts of the 3 RTMCs be made available to bidders?

A137: Limited as-built documentation exists. Collecting this information is within the scope of RFP Task B-1, under which the Selected Offeror shall perform a thorough review of all ATMS related system components that exist at the PennDOT Central Office and each of the PennDOT Engineering Districts. Please note that during the design tasks the Selected Offeror shall have opportunities to identify and recommend hardware and software to support the ATMS software installation.

138. It was stated at the pre-proposal meeting that the evaluation will be based almost entirely on the proposal. What is meant by almost?

A138: This statement in the preproposal meeting is accurate. The proposal and cost submittal shall be the main bases for evaluation. There are other relevant considerations; however, including budgetary constraints.

139. Appendix X – Requirements Matrix shows sheets up to page 21 of 23. Are there 2 more pages (pages (22 and 23))?

A139: Not sure whether the right appendix is referenced in the question. Appendix X contains a total of 3 pages, not counting the cover sheet. All appendices posted as Addendum 1 were reviewed and are considered complete.

140. PennDOT has pre-qualification codes for ITS Projects to validate vendors are capable of successfully completing the ATMS project. Will all ATMS prime vendors be required to be pre-qualified?

A140: No. There are no vendor pre-qualification requirements.

141. How are exclusions to contract terms and conditions going to be evaluated by PennDOT during the evaluation process? Will vendors be penalized by having contract exclusions/exceptions in their overall score?

A141: Refer to response to Questions #6.

142. Since Addendum 1 was posted 2 weeks after the initial advertisement, will PennDOT provide a 2 week extension?

A142: No. Timeframes outlined in the RFP Calendar of Events remain the same.

143. Can the PowerPoint from 9/19 be posted on the RFP website?

A143: Yes. It will be posted as an addendum along with the official Questions and Answers.

144. What event triggers a unit price payment under Tasks H-2 through H-9?

A144: The Selected Offeror shall invoice PennDOT upon successful completion of Tasks outlined in H-2 through H-9. For additional reference, please review a typical ITS project workflow described in Task H-1; the trigger for unit price payments under Tasks H-2 through H-9 shall be the successful completion of the testing described as a 30 Day Test.

145. Can the offeror receive a unit price payment for ITS device before it is installed in the field under Tasks H-2 through H-9?

A145: The Selected Offeror shall only invoice PennDOT upon successful completion of Tasks outlined in H-2 through H-9.

146. Can the Offeror adjust unit price if the actual number of devices varies from the estimated quantities under Tasks H-2 through H-9?

A146: Unit prices are fixed as quoted for the term of the contract. It is the Selected Offeror's responsibility to monitor the actual quantities completed. If at any time during the contract term, actual quantities are expected to exceed the estimated quantities defined in the Cost Submittal, the Selected Offeror must notify PennDOT immediately. Appendix B, Special Terms and Conditions, Paragraph 7, Additional Work, can be utilized to add quantities if necessary.

147. Is overhead "travel" in Appendix E to include corporate overhead or project specific? Where do we estimate project direct expenses?

A147: Project Specific. Appendix E – Cost Submittal provides separate lines for capturing Direct expenses and General Overhead.

148. How will hardware be procured for this project? How are those direct expenses shown in Appendix E?

A148: PennDOT will procure hardware to be installed on PennDOT property for PennDOT use. The hardware will be procured outside of this contract. Please refer to task D-1 for more details.

149. I am inquiring as to whether Momentum, Inc. is precluded from bidding on RFP 10R-01 – Next Generation Advanced Traffic Management System as we have the Business Analysis Services contract with PennDOT.

The following individuals supported ATMS RCRS and Network requirements. Both individuals are employees of Acclaim Systems who is a subcontractor to us on the BA Services contract:

- Patricia Anderson
- Robert Schroeder

A149: The Department's Office of Chief Counsel cannot offer legal advice pertaining to the State Adverse Interest Act and other applicable laws; or substitute its judgment for those individuals and entities entrusted with enforcement of such laws. It cannot be stressed enough that each Offeror, including subcontractors and members of proposal teams, are responsible for assessing prior work, anticipated future work, and the legal question of whether prior work would preclude future participation in procurements, or otherwise result in a violation of any applicable laws.

If a company has not provided formal recommendations implicating the violation or potential violation of the State Adverse Interest Act, or other applicable legal guidance, then that company is not precluded from participating in the subject procurement.

Any individual, however, that executed a confidentiality statement related to predecessor procurements or this procurement, must maintain confidentiality and not provide any information to their employers that could provide or otherwise be perceived as providing a competitive advantage to that employer. Companies with employees that have executed confidentiality agreements must implement adequate internal mechanisms to shield employees from the current employer so as to prevent the violation of any one individual employee's confidentiality agreements.

150. My Name is Abe Hunter and I represent Acclaim Systems. One of our employees (Patti Anderson) worked on requirements for ATMS and signed a personal agreement that she would not participate in any RFP response. Does this preclude Acclaim Systems (without participation from Patti Anderson) from being sub-contractor to a prime on this RFP?

A150: See response to Question #149.