

Responses to questions RFQ RWIS Non-Invasive Roadway Sensors

1. Is there is a completion deadline/date for this project? **Parkways would like to have up and running by end of this year 2023. Please include with your quote an estimated delivery and installation timeline.**
2. Spec 6.19e requires the non-invasive sensor to be capable of “chemical factor”. This capability requires in-pavement sensors to measure the chemical on the pavement and is not possible with a non-invasive sensor. Can you please clarify if chemical factor is required and if so if in pavement sensors are also then required which would be considered an invasive technology? **The RFQ is a request for quotes for non-invasive roadway sensors. Vendor may submit any detail to the spec with their quote, all quotes are reviewed and considered.**
3. What are the 8 locations where each system is to be installed?
The Parkways is 88 miles North and South Bound between mile markers 9 and 95 of I-77.
 - A. **Bluestone Bridge@17.6mm #3010N**
 - B. **Ghent Exit Bridge@28.9mm #3017N**
 - C. **34N Bridge@34N #3022N**
 - D. **I-77N/64 Interchange@39.4mm #3030N**
 - E. **I77@52S #3045S**
 - F. **Skitter Creek bridge on I-77 @62.7mm #3055N**
 - G. **Top of tunnel hill @75.8 “not a bridge”**
 - H. **Kanawha river bridge on I-77 @94.5mm-#2144N**
4. Is power available at each of the 8 locations where each system is to be located? Can details be given to the type of power source that is at each of these locations? **7 of 8 have power, 1 may need solar that would be required by the winning Vendor to supply 120v – 20 amps.**
5. Is hosting to be provided by the RWIS vendor or are these systems to be integrated into another existing software platform? If existing, what is the existing software platform?
Provided by the Vendor.
6. If hosting is to be provided, how long of a hosting service is required to be provided with the bid? **Yearly**
7. Spec 1.2.6h requires an AT&T modem per WVPA specification. Can additional information be provided on the modem requirements. **The Parkways uses cradlepoint IBR900.**
8. Is WVPA providing the cellular service for the AT&T modem to be provided? **Yes**
IF WVPA is not providing this service, what is the length of service that is to be provided with the modem?
9. For locations where a pole is to be provided, is there a standard drawing of the pole requirement? Or is the RWIS’s manufacturer’s recommended pole acceptable?
The manufacturers recommended pole should be acceptable upon WV Parkways Authority approval.

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10. Section 1.1: Can the West Virginia Parkway Authority provide all terms and conditions that will be required of the awarded vendor including but not limited to the Master Services Subscription Agreement and all addenda. **Section 1.1 We are looking for a complete system with hardware and software including the necessary subscription service package to have a working and usable RWIS site.**
11. 1.0 Purpose What is the desired implementation timeline for the Parkway Authority **Delivered and installed by end of year 2023 or ASAP.**
12. Of the 8 desired locations how many have existing structures that could be utilized to attach sensors? **Using the manufacturers recommendation, the winning Vendor and the Parkway Authority will determine which site has an existing structure that can be used.**
13. 2.6 What are examples of manufacturer licenses that the Authority would require? **The standard manufacture's warranty or service policy is to apply along with any other agreements with the awarded Vendor.**
14. 3.2 Will the Authority accept progress billing milestones for the project? **The WV Parkways upon completion of installation has a 30 day net processing of invoices. We anticipate completion within 30 days but should unforeseen issues arise the Parkways can process partial payments for completed work.**
15. 5.5 Would the Authority consider the procurement MFG recommended spares to support the 8 locations? **Any replacements would need to be an equivalent of the approved equipment or an updated version.**
16. What is an acceptable timeline for site restoration during the 5-year maintenance period? **Any necessary repairs should be fixed within 10 working days.**
17. 5.7 Will the Authority also provide bucket trucks and MOT for the warranty and service period of the contract? **Yes. Any work or maintenance scheduled for these sites would have to be approved and scheduled beforehand with the Parkways Authority.**
18. 6.1.1.2 Can the authority provide the specification for Poles and Foundations
 - a. Will the Authority provide Power to each site, existing and new?
Yes. One site may have to have solar. If so, it shall be required by the vendor to supply all necessary equipment to supply the power needed for the site.

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b. Can GPS coordinates of each desired location be provided?

Yes, mile marker. 7 of 8 locations are on bridges. Sending locations.

c. If any of these sites are to be mounted on bridges what is the process for approval? **Manufacturers required mounting with approval from the WV**

Parkways Authority. If the Authority does not approve of mounting any equipment or sensors to a standing structure a new pole will need to be placed.

19. What are the Bonding requirements for this project? **Bid Bonding was not requested in the RFQ.**

20. Are there any mandatory safety or training requirements for this project?

Yes. Highway traffic work zone safety, class-3 clothing, etc.. all that is required will be available through our safety department.