



RICHMOND METROPOLITAN TRANSPORTATION AUTHORITY

RFP # ETC – 2021
ELECTRONIC TOLL COLLECTION SYSTEM &
SERVICES
ADDENDUM 2

October 4, 2021

The Richmond Metropolitan Transportation Authority (the “Authority”) hereby issues this Addendum Number 2 to its Request For Proposals (RFP # ETC - 2021) For Electronic Toll System and Services dated October 4, 2021 (as supplemented by previous Addenda, the “RFP”). Except as set forth herein, all other terms, provisions and conditions of the RFP and the attachments and exhibits thereto, including all Addenda previously issued, shall remain unchanged. The information contained in this Addendum and the documents attached hereto shall become a part of the RFP and, to the extent specified, shall supplement, revise and supersede the similar information and documents in the RFP and take precedence over the original portion of the RFP, as heretofore supplemented.

Each Proposer shall acknowledge receipt of this addendum when submitting their Proposal using the Acknowledgement of Addenda form provided in Appendix H: Proposal Forms, of the RFP package (Appendix H, page # 2).

CHANGES TO THE AUTHORITY’S REQUEST FOR PROPOSALS (RFP):

This addendum provides:

- 1) A complete listing of inquiries received by the RMTA from all Proposers and which were received prior to the deadline for submission. These inquiries are repeated verbatim as they were received by the RMTA.
- 2) Responses to all 136 inquiries received in attached.

3) The following items are provided as an attachment to this addendum:

- a. Appendix C. Technical Response Guide. Section 3.5 – Roadside System Requirements.

No response required.

A.	Will the TSI meet requirements as stated in the referenced section of the RFP?	TSI Response: Check <u>One</u> <input type="checkbox"/> Yes, <u>as stated</u> <input type="checkbox"/> Yes, <u>with</u> modification (<i>Explain below in Part B</i>)
B.	TSI’s proposed revision to the requirement language (if applicable). <i>[Provide a description, if necessary, of what or how this section requires modification. Delete this text when completed]</i>	
C.	1. Provide a diagram of TSI’s anticipated roadside system including proposed antennae locations, all other proposed equipment and mounting locations, and the gantry centerline. <i>[Provide this information after this table and not inside this cell. Delete this text when completed]</i>	

- b. Appendix D. ETC – 2021 Price Proposal Forms. Replaced in its entirety.

4) Modifications to the following RFP Sections:

- a. 2.16.2 – Submitting the Response.

1. Technical Proposal:

- a) RFP Cover Page
- b) Cover Letter, not to exceed two (2) pages
- c) Executive Summary, not to exceed three (3) pages
- d) Statement and References of Minimum Qualifications, per sections 2.12 and 2.13, not to exceed ten (10) pages
- e) Proposer Responsibility, per section 2.15, excluded from page limits
- f) Appendix C. RMTA Technical Response Guide, **not to exceed 100 pages**
- g) Appendix G. ORT Pavement and Gantry Statement
- h) Appendix H. Proposal Forms
 - i. Acknowledgement of Addenda
 - ii. Non-Collusion Affidavit
 - iii. Terms of Discussion Form
 - iv. SWaM-DBE Participation Form
 - v. Performance Surety
- i) Exceptions to Appendix B. Contract, if any.

- b. 2.16.2 – Submitting the Response. Add the following sentence at the end of the RFP Section. The following is in addition to the entire Section and all portions of Section 2.16.2 remain in effect.

“The Proposer shall email written confirmation to the RMTA Procurement Manager, Paula Watson at Paula.Watson@rmtaonline.org, after uploading all Proposal documents to SharePoint as described above. Upon receipt of such written confirmation, the Procurement Manager shall verify that all documents are present and available. Upon verification, the Procurement Manager will respond to each Proposer indicating Proposal submission was successful. Proposers will not be granted additional time for Proposal submissions due to technical difficulties and is responsible ensuring there is an adequate time buffer between submission and due date time should there be issues with a Proposer’s documents.”

- c. 3.3.2.3 – Environmental Requirements. REQ-16

Temperature: Ambient air temperature of minus 25 to ~~140~~ 122 degrees Fahrenheit, with and without direct sunlight

- d. 3.5.2 AVI (RFID) Subsystem

All Automatic Vehicle Identification (AVI) readers and antennas (“AVI Equipment”) for use on the Project are being furnished by RMTA, including AVI Equipment installation design and configuration specifications. ~~RMTA TSI will~~ shall also contract with the ~~AVI Equipment supplier~~ Kapsch to provide reader/antenna tuning services to assure the AVI Equipment is correctly reading 99.9% of all properly installed TDM protocol transponders that traverse the Toll Zone. The AVI Equipment will be configured in a tri-protocol mode to also read interoperable transponders of the 6C and SeGo protocols.

RMTA will procure all necessary AVI readers (Kapsch Janus Multiprotocol Reader II – MPR2) and related lane kits (consisting of antennas and related components) via the third-party procurement. RMTA will also utilize the professional services aspect of the E-ZPass Group’s contract to engage Kapsch’s design services to provide the reader and antenna installation specifications at each ORT Toll Zone. The resulting design will ensure reader and antenna functionality meet the performance requirements prescribed in the third-party procurement and will integrate with all AVI equipment currently in place servicing the non-ORT lanes at each location, including necessary AVI synchronization cabling supporting all readers in each facility. All AVI hardware procured by RMTA will be conveyed to the TSI for proper handling and storage, including spare components. TSI is responsible for obtaining services from Kapsch for tuning and certification of all AVI equipment.

- e. 3.5.6 Digital Video Audit System (DVAS). REQ-69

The DVAS shall include but is not limited to two (2) or more high-resolution color cameras at each of the ORT Toll Zone locations (six (6) cameras total), ~~all associated camera triggering, and supplemental lighting.~~

- f. 3.5.6 Digital Video Audit System (DVAS). REQ-74

The DVAS shall interface with the Zone Controller(s) for vehicle transactional data to include elements such as AVI tag reads, location (lane, Gantry/Plaza), date/time, axle count, violation indication, and the **VES** image file name for this transaction.

- g. 3.6.3.1. Roadside Transaction Auditing. REQ-136

When configured to interface with the VDOT E-ZPass System via **SFTP FTPS**, all System elements shall be GAAP compliant and meet the SSAE Type 2 Audit requirements.

- h. Appendix A - Glossary

System Acceptance Test - The SAT is a consecutive ~~thirty (30)~~ **sixty (60)** day operational test period to evaluate and ensure that the Toll Collection System software and hardware performance meets the functionality, availability, accuracy, and performance requirements.