

**TAMPA-HILLSBOROUGH COUNTY
EXPRESSWAY AUTHORITY**

Letter of Clarification No. 1

FOR

Request for Proposals

Access Control System Services

RFP O-01121

Letter of Clarification No. 1 ~ RFP No. O-01121

Date of Letter of Clarification: September 17, 2021

The following responds to questions received on the solicitation reference above:

Question 1:	Is the mandatory meeting, and TMC tour strictly and only an on-site meeting?
Response 1:	Yes
Question 2:	Can Proposers attend virtually and still meet the mandatory attendance requirement?
Response 2:	No
Question 3:	Can you please provide more details regarding the following statement in RFP O-01121~ Page 5 of 28? <i>The firm's failure to maintain toll operations shall result in monetary penalties that shall be noted in the contract documents</i>
Response 3:	After a thorough review, the statement in question has been deleted. See Addendum No. 1
Question 4:	Can you provide a summary of the number of signs, gates, cameras and other devices that will be controlled by the system. I am asking because our licensing costs are determined by device quantity.
Response 4:	Pending Answer. Will respond with next Letter of Clarification.
Question 5:	What kind of PLCs are used in the project (make and model)?
Response 5:	Pending Answer. Will respond with next Letter of Clarification.

<p>Question 6:</p>	<p>The RFP mentions the need for a ‘simulator’ and a ‘mockup’ system to operate for 45 days. We are seeking additional details surrounding this simulation. Based on our past lane-control system design experience, it is best that the simulator makes use of the same PLC make and model as deployed in the field to ensure that the communication to this integral piece of hardware is included in the burn-in tests. Ideally THEA has spare Modicon CPU, ethernet and IO modules to provide the selected team for use in the simulator. If not, our team proposed that we include budget to purchase this equipment. For reference, these questions stem from the following text taken from page 7 of the RFP. Ideally THEA will provide an itemized list of hardware that will be provided, and whether this list of equipment will only be available on site, or if it will be delivered to the vendors test lab.</p> <p><i>i. A hybrid mockup is defined as a combination of 1 ACN location represented by hardware and connections (physical) combined with the virtual simulator of remaining ACN’s. All wiring diagrams for mock-up will be provided to THEA at the time of construction.</i></p> <p><i>ii. Physical ACN shall contain 1 PLC, 1 IP HD CCTV, Dome (same as deployed on REL) lighted I/O board to demonstrate gate actuation. Also included must be the latest Daktronics VLC sign controller (with recommended firmware) and simulation of a DMS sign display. THEA will provide the above equipment. Virtual simulator shall include all remaining PLC’s and full simulated functionality of the ACS. The firm is required to provide the simulator</i></p>
<p>Response 6:</p>	<p>THEA will provide spares of all equipment needed for the "simulator/Mockup." These spare will be shipped to the chosen vendor's test lab.</p>
<p>Question 7:</p>	<p>What kind of conflict monitors are used in the project (make and model)?</p>
<p>Response 7:</p>	<p>Pending Answer. Will respond with next Letter of Clarification.</p>
<p>Question 8:</p>	<p>Is traffic signal pre-emption through a PLC output? Or via some other method (please specify)?</p>
<p>Response 8:</p>	<p>Pending Answer. Will respond with next Letter of Clarification.</p>

Question 9:	<p>With respect to Item G on page 6 of the RFP</p> <p><i>“All servers shall have the highest amount of resources available for the servers, (RAM, processors, hard drive(s) etc), and shall be sized for future REL system expansion”</i></p> <p>may we assume the actual intent is limited to <i>“shall be sized for future REL system expansion”</i>, since modern servers are available with <i>“highest amount”</i> resources that far exceed reasonably foreseeable future expansion needs, at prices that far exceed what the public would want to pay?</p>
Response 9:	<p>Physical servers and VMs should have more resources than the software requires.</p> <p>Servers/Host Servers should be quoted with full drive bays and DIMM slots for example.</p>
Question 10:	<p>The RFP provides little detail on the expectations for documentation and training, but also says that “criteria for selection shall include, but not be limited to” the items listed on Page 20. Can you clarify the expectation for documentation and training?</p>
Response 10:	<p>Pending Answer. Will respond with next Letter of Clarification.</p>
Question 11:	<p>Regarding the change over from AM operations to PM operations, how long is the entire process?</p>
Response 11:	<p>Approximately 30 minutes.</p>
Question 12:	<p>During the changeover, does someone drive the REL?</p>
Response 12:	<p>Yes.</p>
Question 13:	<p>How long has the REL been in service?</p>
Response 13:	<p>Since 2006</p>

Question 14:	What is the ACN status?
Response 14:	Big control box, switches, keys to open and close.
Question 15:	How old is THEA's server?
Response 15:	Approximately four years (since 2017).
Question 16:	Are all THEA's cameras Cohu?
Response 16:	Yes
Question 17:	Regarding coordination with the City of Tampa (COT), is the COT using any part of the ACS system?
Response 17:	Yes, the new ACS system has to be compatible with the COT system and potential FDOT system.
Question 18:	Should the mock up simulate Ops system?
Response 18:	Simulation only, virtual and physical simulation. The goal is to take advantage of new technology and new ideas. Potentially what the system could look like and to work much better than today's system. THEA is open to changing hardware. Put details in the mock up.
Question 19:	Is there remote access to the system?
Response 19:	Yes
Question 20:	Can additional materials be part on an appendix in the proposal?
Response 20:	No, must be within the 10 page limit.
Question 21:	What is the limit on the Transmittal Letter?
Response 21:	The Transmittal Letter has a two page limit and is separate from the 10 page proposal.

Question 22:	Section 8 Implementation indicates an Implementation Plan should be included with the proposal, however this is not included in the list of items excluded from the 10 page limit, is the Implementation Plan (including the Requirements Traceability and Verification Matrix) required with the proposal?
Response 22:	Yes, Implementation plan is required and it is excluded from the 10 page limit.
Question 23:	Section 11 System Upgrade Forecast indicates a comprehensive upgrade forecast is required with the proposal, however this is not included in the list of items excluded from the 10 page limit, is the System Upgrade Forecast required with the proposal?
Response 23:	Yes, Comprehensive Upgrade Forecast is required and it is excluded from the 10 page limit.
Question 24:	Addendum 3 indicated "Attachment C – Price Proposal Form is obsolete"-will a new price form be provided?
Response 24:	Price proposal is not required.
Question 25:	Is the provider required to use an approved MOT provider?
Response 25:	No

Respondents MUST acknowledge receipt of this Letter of Clarification by signing, dating and returning the completed Acknowledgement of Receipt of Letter of Clarification/ Addendum form **with the Respondent's bid package**.

All other items, conditions, and specifications in the procurement document not specifically changed by the Addendum remain unchanged.

Please send all questions to THEA's Procurement Manager, Man Le, via email at Man.Le@tampa-xway.com.

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM and/or LETTER OF CLARIFICATION

Were Addenda issued on this Solicitation?

Yes

No

Were Letter of Clarification issued on this Solicitation?

Yes

No

I (We) hereby acknowledge receipt of the following Addendum/Addenda issued in reference to this solicitation by listing the Addenda by number, date and signing the form:

Addendum _____ Date: _____

Addendum _____ Date: _____

Letter of Clarification _____ Date: _____

Letter of Clarification _____ Date: _____

BIDDER:

By: _____

Authorized Signature

Printed Name of Signer

Title of Signer

Date Signed

[END OF ACKNOWLEDGMENT OF RECEIPT FORM]