



## City of Laredo Purchasing Division

February 13, 2015

### Addendum No. 4

Ref: **RFP: Laredo Bridge System – Bridge System Toll Collections Systems Upgrades  
FY15-011**

To All Interested Vendors:

Please note the following **modifications** regarding RFP FY15-011:  
**ANSWERS TO QUESTIONS EXTENDED.**

RFP FY15-011 extension period for questions from vendors.

The file that has been attached with this document is labeled as **(Addendum 4: Responses to Proposer's Questions-Round #2)**

Please refer to the attached documents for further detailed information on changes for this amendment.

If there are any questions concerning this addendum, please contact me at (956)-794-1731.

Sincerely,

Miguel A. Pescador  
Purchasing Agent

2-13-2015

Date

**Acknowledgement of Addendum #4** \_\_\_\_\_  
*(Please sign / date and include with bid submittals)*

XC: Purchasing File

City of Laredo  
International Bridges  
Electronic Toll Collection and  
Customer Service Center  
Systems Upgrades

Request for Proposals

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ADDENDUM

#4

February 13, 2015

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**Addendum #4**, issued on February 13, 2015, is intended to interpret, clarify and/or amend information provided in the City of Laredo International Bridges Request for Proposals (RFP) for Electronic Toll Collection and Customer Service Center Systems Upgrades dated November 14, 2014. Addendum #4 reflects the following modifications to the RFP:

1. Responses to Proposers' Questions-Round #2

All requirements of the RFP not modified herein shall remain unchanged. It is the responsibility of the Proposers to incorporate all changes into the base RFP dated November 14, 2014.

## 1. RESPONSES TO PROPOSERS' QUESTIONS-ROUND #2

Questions and responses are provided in the following Tables. Responses to questions have resulted in additions and/or modifications to the following sections as defined by the responses in the tables.

- Section 7.1.7 Lane Controller and Electronics-#5 Platform: Modified language
- Section 7.1.11 Bridge Computer Subsystem-#3 Bridge Computer Data Storage/Archival Requirements-C. Storage Requirements: Additional Language
- Section 7.2 Pedestrian Toll Collection System
  - #1 Payment Acceptance Type: Additional Language
  - #2 Coin Vault and Chute: Additional Language
  - #3 Turnstiles: Additional Language
  - #6 Handicapped/Pedestrians: Additional Language
- Section 7.4.1 Performance Requirements-Vehicular Toll Collection System-Weigh in Motion-KPI 29: Additional Language

**City of Laredo International Bridges Request for Proposals  
Electronic Toll Collection and Customer Service Center Systems Upgrades**

**RESPONSES TO QUESTIONS**

Q No.	RFP Section No.	RFP Section Name	RFP Page	Question/Comment	Responses to Questions
41	7.1.7	Lane Controller and Electronics (Platform)	42	#5 This section states: "Platform: The lane controller shall be a PC-based system utilizing a multitasking platform. The lane equipment shall be designed to support the performance requirements specified in this RFP. Processor performance shall be ample to handle all lane processes as designed at the rates indicated in Section 8.1.3. The lane controller computer/processor shall be a current-generation chip available at the time of Detail Design Documentation (DDD) review submittal." We were unable to find this reference to 8.1.3, Rates. Would the City please clarify?	Section 7.1.7 has been amended to modify the referenced section: "Platform: The lane controller shall be a PC-based system utilizing a multitasking platform. The lane equipment shall be designed to support the performance requirements specified in this RFP. Processor performance shall be ample to handle all lane processes as designed at the rates indicated in Section <del>8.1.3</del> <b>7.4.1 (KPI #17-22)</b> . The lane controller computer/processor shall be a current-generation chip available at the time of Detail Design Documentation (DDD) review submittal."
42	7.1.11	Bridge Computer Subsystem	50	#3C The City is offering the VBLOCK as a storage solution. However, it appears to be a complete and fully integrated computing solution that a Proposer can slide a blade into. How is the City expecting Proposers to integrate with this? Will each Bridge Host and the CSC Hosts be able to use VBLOCK storage?	Section 7.1.11 #3C has been amended to add the following language to the end of the paragraph: " <b>Current Vblock storage is not conformed of blades but is scalable with the possibility of adding more storage. Proposers will need to determine the capacity and performance requirements of their solution prior making a recommendation.</b> "
43	7.2	Pedestrian Toll Collection System	54	#1 What is the minimum bill storage capacity of the \$1 bill acceptor?	Section 7.2 #1 has been amended to add the following language: "Payment Acceptance Type: Pedestrian turnstiles should be procured that have acceptors that accept all US coins (quarters, nickels and dimes), and US \$1 bills <b>with a bill storage capacity of at least 1,000 bills.</b> "

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**RESPONSES TO QUESTIONS**

Q No.	RFP Section No.	RFP Section Name	RFP Page	Question/Comment	Responses to Questions
44	7.2	Pedestrian Toll Collection System	54	#2 This section states: "The coin box should be able to accept and store securely at least seven thousand (7,000) US coins". If for example, the 7,000 coins were all quarters, the weight of the coins (without the empty weight of the coin box itself) would be in excess of 87 lbs, and probably too heavy for many people to lift and carry safely. In light of the above, should the coin boxes still be required to hold up to 7,000 coins?	No change to RFP.
45	7.2	Pedestrian Toll Collection System	54	#2 This sections states: "A coin chute to return coins shall be included." Is this coin chute a mechanism for returning damaged or otherwise unacceptable coins (i.e., bent coins, slugs, etc.), or is it to also return change when the pedestrian inserts too much money into the turnstile (i.e., inserting a \$1 bill for a \$0.75 toll)?	Section 7.2 #2, last sentence has been amended to clarify language: "The coin <b>box or chute</b> must have a coin return button to clear jammed coins. " A sentence has been added to the end of the #2 as follows: <b>"No change for overpayment will be returned from the coin chute."</b>
46	7.2	Pedestrian Toll Collection System	54	#2 If the coin chute referenced in RFP Requirement 7.2., #2 is not for issuing change, what is the business-rule to be followed by the turnstile if a pedestrian inserts money in excess of the amount of the toll?	Section 7.2 #2, the following sentence has been added after "A coin chute to return coins shall be included." <b>"Coin chute purpose is to return incorrect currency or coin denomination. The Coin chute also serves the purpose of returning a possible coin jam. If the pedestrian inserts money in excess of the amount of the toll, no change will be given. "</b>

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**RESPONSES TO QUESTIONS**

Q No.	RFP Section No.	RFP Section Name	RFP Page	Question/Comment	Responses to Questions
47	7.2	Pedestrian Toll Collection System	54	#3 Could the City explain the functions of each of the LCD counters?	Section 7.2 #3 has been modified to add the following language to the end of paragraph 1, after the two bullets: <b>"The purposes of the LCD counters are for the City's internal audit. The LCD counters are for backup purposes in case the system generated reports are unavailable. In the event communication is interrupted, pedestrian counts can also be verified manually at each turnstile through the LCD counters. "</b>
48	7.2	Pedestrian Toll Collection System	55	#6 Do the ADA-compliant turnstile gates need to have a automatic opening mechanism, or can they simply be mechanically released (and then manually pushed open by the disabled pedestrian)?	Yes, the ADA compliant turnstile gates do need to have an automatic opening mechanism; therefore, Section 7.2 #6, last sentence has been amended to read as follows: "ADA gates must <b>open and</b> close automatically and audible alarm should sound if ADA gate is held open for configurable amount of seconds."

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**RESPONSES TO QUESTIONS**

Q No.	RFP Section No.	RFP Section Name	RFP Page	Question/Comment	Responses to Questions
49	7.4.1	Performance Requirements	60	KPI 29: Can you please provide more specific WIM performance specifications? WIM systems are typically required to meet one of the four types (I-IV) described in the ASTM E1318-09 specification.	<p>Section 7.1.4 Weigh in Motion, has been amended to add #6 as follows: "</p> <p><b>#6 The ultimate WIM design will be the responsibility of the Proposer utilizing all pertinent information and statistics provided in the RFP to evaluate their understanding of the needs and particulars of the Laredo Bridge system. Proposers should put forth their proposed approach to the WIM subsystem, why they are choosing that solution, and the performance they intend to achieve (such as MTTR, MTBF, accuracy, reliability and maintainability, lifespan, etc.). The City will evaluate all service and performance aspects of the WIM design presented by the Proposer and compare those considerations to all proposals and determine which is the best value for the City.</b></p> <p>Section 7.4.1 KPI 29 Key Performance Requirement has amended to include additional language as follows: "ASTM Specifications Designation: E1318-09: <b>Type III performance specifications at a minimum.</b>"</p>

Question numbering is a continuation from Round #1 question period (Addendum #2)

**END OF ADDENDUM #4**