

April 19, 2016

**REQUEST FOR PROPOSAL (RFP)
SAN FRANCISCO-OAKLAND BAY BRIDGE (SFOBB) METERING LIGHTS SYSTEM UPGRADE PROJECT SYSTEM INTEGRATOR
dated April 4, 2016**

Questions and Answers #1

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#	RFP Section /Relevant Provision	Question and/or Requested Modifications /Exceptions	BATA's Response
1.	RFP, Letter of Invitation, Due Date	We respectfully request a 2-week time extension for the following reason: During the pre-bid, some technical information was revealed that will likely cause some additional technical design and estimating including hardware quotations. Additionally, the RFP indicates that responses to questions may be as late as three business days prior to proposal submittal. Depending on BATA's responses, three days may not be enough time to update our technical proposal and corresponding cost estimates.	No, BATA does not intend to change the due date.
2.		Please define the current hardware and software components that comprise the existing Central System that manages the mainline ramp meters?	The description of the existing system is provided in the SEMP pages 7-10 and the ConOps, pages 14-18, provided on the BATA procurement webpage.
3.		Please provide a network diagram that depicts the existing Central System including the communications network to supporting existing connections to field equipment.	The description of the existing system is provided in the ConOps Report provided on the procurement website.
4.	RFP, IX. F. Conflict of Interest	Can a proposer submit a bid on both the SI Contract and the Construction Management Services Contract? In essence would a proposer be precluded on either one?	The selected SI Contractor will not be eligible to submit a proposal for the Construction Management Services Contract due to the conflict of interest in connection with work performed under this contract.

5.		What firmware will be installed in the 2070 controller? Please provide documentation/specification that describes in detail the protocol and functionality available through the identified firmware.	The SI Contractor shall specify the type of firmware consistent with the 2070 controllers as part of the design.
6.	Appendix F, System Requirements #18 & #19	Based on Requirements 18 and 19, is it the desire of BATA to have a standalone Metering Lights System or an augmentation to the existing Caltrans D4 ATMS at the Caltrans TMC with remote access and backup operation from the Toll Plaza operations center? In other words, is the Metering Lights System a new unique software application that interfaces to the Caltrans D4 ATMS? Please clarify.	Correct, the Metering Lights System is a new unique software system that will interface with the Caltrans D4 ATMS.
7.	Appendix F, System Requirements #25	How will vehicle type be provided to the Metering Light System?	The SI Contractor shall be responsible for identifying the appropriate hardware and software elements needed to provide vehicle type. The design and installation of additional detection will be provided by others.
8.	Appendix F, System Requirements #27	How will HOV/Non HOV status be provided to the Metering Light System?	The HOV/Non-HOV status can be determined by lane utilization and time of day. Non-HOVs are restricted from specific lanes during specific times.
9.	Appendix F, System Requirements #38	Can more details be provided on the Caltrans approved standards for the system hardware?	The SI Contractor shall work with Caltrans for hardware approvals. Industry standard hardware is assumed.
10.	Appendix F, System Requirements #56	For ownership of the system software, please confirm a license is acceptable for ownership.	See Subarticle 11.3 of Appendix D, <u>BATA Standard Contractor Contract</u> .
11.	Appendix F, System Requirements #56	Please confirm, does BATA want source code turned over to them or is an Escrow of the source code acceptable. Some vendors have existing intellectual property and will not be willing to turn source code over, but will do Escrow.	See Subarticle 11.3 of Appendix D, <u>BATA Standard Contractor Contract</u> .

12.	Appendix F, System Requirements #72	<p>Please describe/elaborate on what is intended by “The Metering Light System shall be able to roll back to the existing system for the first 4 months of operations after Acceptance.”</p> <p>Does this mean that the existing controllers and firmware will be in place along with new controllers and firmware such that the existing system will still operate based on the existing communications network and existing field controllers?</p>	Yes, the existing controllers and firmware will be in place along with new controllers and firmware such that the existing system will still operate based on the existing communications network and existing field controllers.
13.	Appendix F, System Requirements #73 & #74	Is the SI Contractor expected to determine/provide the Time of Day Ramp Metering schedules, and load them into the 2070 controllers?	Yes, the SI Contractor shall be responsible for determining the timing plans and loading them into the controllers.
14.	Appendix F, System Requirements #75	Is the SI Contractor expected to program the 2070 controller firmware to enable activation of local responsive mode when communications is lost for more than 5 minutes?	Yes.
15.	Appendix F, System Requirements #78	System Integrator is not responsible for Center-to-Field. Is BATA providing the necessary communications infrastructure to support encryption?	The communications infrastructure to support encryption will be provided by Caltrans/BATA. The SI Contractor shall be responsible for working with Caltrans/BATA for coordinating communications and networking support.
16.		Provide a network diagram showing the existing communication system, Caltrans firewalls and the demarcation point.	See response to Question #3.
17.		Will BATA integrate BATA CCTV cameras with Caltrans ATMS?	No.
18.	RFP, Appendix A, Task 18, Page 36	Task 18: How much should proposers budget for Caltrans support?	State your assumptions in your work plan and show the hours allocated in the staffing plan and the costs in the cost proposal.
19.	RFP, Appendix A, Task 18 & 19, Page 36	Tasks 18 & 19: What is the time frame for these tasks?	Tasks 18 and 19 applies to the duration of the contract.