



LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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TO: LA-RICS BOARD OF DIRECTORS

FROM: PATRICK J. MALLON, EXECUTIVE DIRECTOR

PROCUREMENT OPTIONS

On July 28, 2011, the Board of Directors held a Special Meeting to review the procurement process for the RFP released on April 5, 2010. After discussion, the Board passed a motion to cancel the existing procurement and start a new procurement. This memo provides your Board with background information on key factors and options for issuing a new procurement.

I. Originally Turn-Key Approach

The original procurement was based on a turnkey approach. The turnkey approach was selected to take advantage of these benefits:

- Project management and oversight
- Seamless technology and one vendor overseeing the systems integration
- Lower costs through economies of sale and shared infrastructure

II. New Procurement

Per the advice of County Counsel, the prior procurement was canceled and a new procurement employing a three phase, three contract approach, as described below, is proposed to be used:

1. RFP for Telecom contractor to:
 - a. Design the system (including a statement of needs detailing the power, space, tower height, and cooling requirements for each site).
 - b. Furnish and install the telecom equipment.
2. RFQ for Architectural and Engineering services to provide studies and designs for the construction of new buildings, towers, and access roads, as well as studies on affected soil and load limits available on existing towers.
3. RFB for construction of sites.

As construction is completed, the Telecom contractor would proceed with installation of equipment and system testing.

III. RFP Structure

The Authority will need to consider whether to split the voice system and data system into two separate contracts either through one or two RFPs.

Single Contract Approach

- Pros: One system integrator, shared resources of sites and backhaul.
- Cons: Different scopes, schedules, and scales for LMR and broadband systems. Also there may be different qualified vendors for each system.

Two Contracts Approach

- Pros: Ability to contract with different vendors.
- Cons: Different integrator for system, more sites and scheduling conflicts if work on each site is not concurrent.

IV. Timeline

LA-RICS staff and engineers are reviewing the prior Statement of Work to develop a more concise and specific list of requirements. This will reduce the amount of time necessary for evaluations and negotiations.

Please refer to Attachment A – LA-RICS System Procurement Schedule.

V. Evaluation Team

The Authority must find new participants for the Evaluation Team. Members nominated for the team must be able to commit full-time to the evaluation process for up to 6 weeks. The Board of Directors will need to provide direction for the recruitment process of the Evaluation Team members.

VI. Key Factors

a. FCC Construction Requirement on Narrowband Channels

Fourteen years ago, the County filed applications for “narrowband” channels (12.5 kHz) that are “offset” from (or “interstitial” with) channels already licensed to the County in the “channel 16” spectrum (482-488 MHz). The “offset” channels are centered in-between current County channels, and overlap the County’s current “wideband” 25 KHz channels on either side. This is important as no other entity could use those channels without interfering with the County’s existing operations (thus such an application would not pass frequency coordination required for licensing). The narrowband licenses were subject to

5-year “slow growth” authorization, meaning that the County had five years to construct. However, the County obtained numerous extensions of that deadline over the years. On June 24, 2011, the FCC issued a letter granting another extension, but only until October 9, 2011, based upon the County’s statements that LA-RICS anticipates an executed contract by September. As a result of the recent procurement issue, the County will not be able to provide the FCC with the desired deployment schedule by October 9, 2011. The County will have to request a further extension for these channels.

b. FCC 2013 Narrowband Requirement

FCC rules require that all land mobile radio licensees on channels in frequency bands below 512 MHz to convert to narrowband (12.5 kHz or equivalent) operation by January 1, 2013. The reality, however, is that many licensees around the nation will not be able to meet that deadline. LA-RICS representatives previously met with FCC staff on this issue, and informed the Commission that it would be seeking a waiver of the 2013 deadline on behalf of the LA-RICS participants. The FCC staff was sympathetic, but suggested that a waiver request not be filed until LA-RICS executes a contract with a vendor. More recently, the FCC issued an order providing guidance to licensees anticipating the need for a waiver, and strongly suggested that requests for waiver be filed prior to the end of 2011. The Commission will still entertain waivers submitted in early 2012. However, it may be advisable for LA-RICS to submit a waiver in December 2011, with a supplement in early 2012 containing the deployment schedule from the finalized contractor with a selected vendor.

c. Grant Deadlines

The Authority has been allocated grants to fund specific project deliverables (see Attachment B – LA-RICS Grant Chart).

- The UASI 08 and SHSGP 08 grants have already received a one-year extension to May 31, 2012.
- The PSIC grant received a legislative extension to June 30, 2012.
- The UASI 09 and SHSGP 09 funds are still eligible for a one-year extension with the approval of the grant administrators and FEMA.

Staff is exploring ways in which these grants can be used within the grant deadlines.

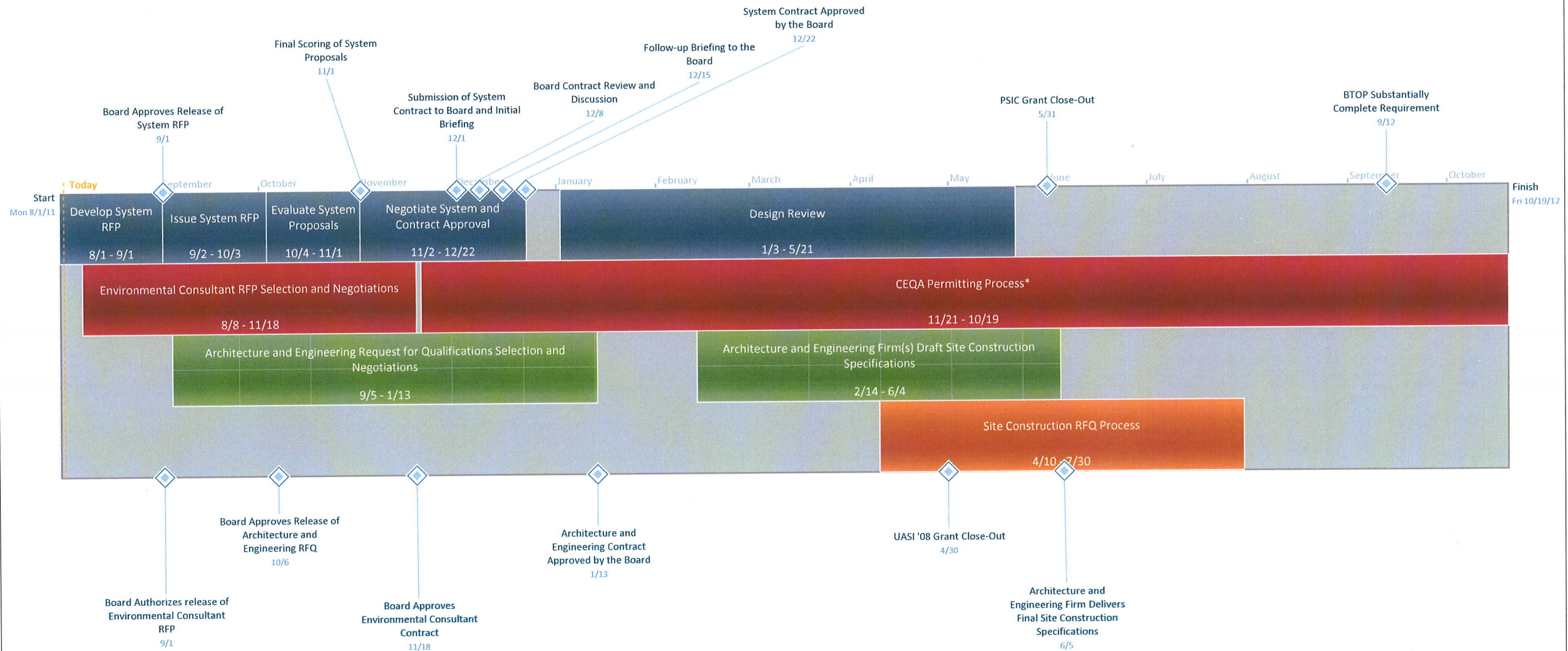
The Department of Commerce awarded the Authority a BTOP grant to cover the infrastructure costs in deploying a LTE broadband public safety network. The grant terms require that the project be substantially complete by the end of the second year. This would require that the LASafetyNet project be 66% complete by September 2012, and entirely complete by September 2013.

d. Membership Commitment (opt out options)

The proposal for developing a new RFP will require the Authority to provide a list of mandatory sites that the vendors would use in their proposals and system designs. LA-RICS staff and subject matter experts will need to know the sites and existing infrastructure member agencies are willing commit to the project. Per the JPA Agreement, members are not required to commit resources until a funding plan is developed and adopted by the Board.

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LA-RICS System Procurement Schedule



LA-RICS GRANT CHART

LA/LB Urban Area Security Initiative (UASI) Grant Program	Grant Award	Deliverables	Grant Deadline	Grant Period of Performance Deadline
FY 06 UASI Grant	\$ 1,881,443	RFP	June 30, 2010	All funds have been spent.
FY 07 UASI Grant	\$ 986,618	RFP	April 30, 2011	All funds have been spent.
FY 08 UASI Grant	\$ 28,883,270	System Design	May 31, 2012*	April 30, 2012
FY 09 UASI Grant	\$ 21,496,695	System Design & Equipment	May 31, 2012	April 30, 2012
FY 10 UASI Grant	\$ 20,406,079	Equipment (Cell Sites)	May 30, 2013	April 30, 2013

Total: \$ 73,654,105

State Homeland Security Grant Program (SHSGP)	Grant Award	Deliverables	Grant Deadline	Grant Period of Performance Deadline
FY 07 SHSGP	\$ 1,640,998	LARICS Sub-projects (Microwave Upgrades, UPS project, studies)	December 31, 2010	December 31, 2010
FY 08 SHSGP	\$ 6,852,418	System Design	May 31, 2012**	April 30, 2012
FY 09 SHSGP	\$ 5,769,201	System Design	May 31, 2012	April 30, 2012
FY 10 SHSGP	\$ 5,315,000	Equipment (Cell Sites)	May 31, 2013	April 30, 2013

Total: \$ 19,577,617

Public Safety Interoperable Communications (PSIC) Grant Program	Grant Award	Deliverables	Grant Deadline	Grant Period of Performance Deadline
FY 07 PSIC Grant	\$ 22,278,788	System Design	June 30, 2012***	May 31, 2012

Total: \$ 22,278,788

American Recovery & Reinvestment Act BTOP	Grant Award	Deliverables	Grant Deadline	Grant Period of Performance Deadline
BTOP - LA_RICS	\$ 154,640,000	LA SafetyNet Broadband Network	September 13, 2013	September 13, 2013

Total: \$ 154,640,000

* Extension granted thru 5/31/2012

**Extension granted thru 5/31/2012

***Extension granted thru 6/30/2012