



State Interoperability Executive Council Agenda

Council Meeting:

August 12, 2014 1:30 PM
Dept. of Public Safety Standards & Training
Hall of Heroes Conference Room
4190 Aumsville Hwy SE
Salem, Oregon 97317

Executive Committee Briefing:

August 12, 2014 12:30 PM
Dept. of Public Safety Standards &
Training Staff Dining Room
[http://www.oregon.gov/SIEC/
RadioProjectInfo@odot.state.or.us](http://www.oregon.gov/SIEC/RadioProjectInfo@odot.state.or.us)

INTRODUCTIONS & QUORUM VERIFICATION (Quorum = 9)**COUNCIL MINUTES**

- Review May 13, 2014 council minutes
Action: Approval

CHAIR'S REPORT – Rock Rakosi**FIRSTNET DISCUSSION – TJ Kennedy, FirstNet General Manager****STATE RADIO PROJECT REPORT – Tom Lauer****COMMITTEE REPORTS**

- Strategic Planning Committee – Bob Cozzie
- Partnership Committee – Mike Smith
- Technical Committee – Rick Iverson
 - Review State Radio Project Interoperability budget proposal, see attached
Action: Approval
- Broadband Committee – Steve Noel for Mike Duyck
- State Radio User Group – Luci Moore
- 700 MHz Regional Planning Committee – Joe Kuran

STATEWIDE INTEROPERABILITY COORDINATOR'S REPORT – Steve Noel**OPEN DISCUSSION, QUESTIONS & PUBLIC TESTIMONY****ADJOURN**

NEXT MEETING: Tuesday, November 18, 2014

FIRSTNET CONSULTATION: Wednesday, October 8 – Thursday, October 9, 2014

PLEASE NOTE

REMINDER – DPSST is a smoke-free property. Smoking is only permitted on the public sidewalk outside the main gate.

Agenda – The meeting will begin at 1:30 PM and proceed chronologically through the agenda. If you wish to receive written materials prepared for any of the agenda items, please contact Kourtney Largent at the State Radio Project office in Salem, 503-934-2113 or kourtney.largent@odot.state.or.us, to request a packet for those items which interest you or see the council website at <http://www.oregon.gov/SIEC/>.

Parking – Parking is free and is available to anyone who attends the meeting.

Reasonable Accommodation of Disabilities – Reasonable accommodations, such as assistive hearing devices, sign language interpreters and materials in large print or audiotape, will be provided as needed. In order to ensure availability, please contact the State Radio Project office at 503-934-6946 at least 72 hours prior to the meeting with your request. TTY users can reach the State Radio Project by using the Oregon Telecommunications Relay Service. Please dial 711 and ask to be connected to 503-934-6946.

Talking Points

Contract to develop options to allocate the \$2.3M interop funds in the SRP budget.

- The State Radio Project (SRP) budget includes \$2.3 million for development of interoperability around the state. This amount was based on a plan to deploy interop repeaters around the state to be used as “Meet Me” communications points. The State Interoperability Executive Council (SIEC) is the approving board for spending the \$2.3M.
- The SIEC represent a tremendous pool of leadership, technical skills and operational knowledge. However none of the agency representatives has the resources needed to research and develop an interoperability spending plan to present to the SIEC prior to completion of the SRP.
- A motion being presented to the SIEC in August asks for \$300,000 to be used to hire a consultant who will be contracted to review all available materials, interview system managers and users, and evaluate current technology. The consultant will be asked to use a combination of best practices, company experiences, and existing successful examples from other states to develop an interoperability plan for SIEC review and adoption. The plan would provide options and SIEC would prioritize based on the \$2M available for implementation. Details included in the RFP used to hire the consultant will be determined by members of the SIEC with assistance of the SWIC and SRP staff.
- Interoperability is a combination of technology and the 3 P’s (Partnerships, Policies, and Procedures) with equal importance to both elements. During the hearings leading up to the adoption of the State Radio Project many conversations were had around the development of a “System of Systems” based on tying trunked radio switched together. At that time connecting switches from different manufacturers together resulted in high administrative loads and limited functionality. The interoperability technology portion of P25, called Inter RF Subsystem Interface (ISSI), has matured significantly in the last 2 years and now offers higher functionality with reduced system administration burden.
- The efforts of the Statewide Interoperability Coordinator and his team have produced a significant catalog of available resources for use in disaster situations including equipment catalogs, Inter-agency agreements and Tactical Operation Guides. During the roll out training for the ODOT communications cache trailer it became apparent local police and fire agencies had limited understanding of the availability and use of these materials.
- The challenge for the SIEC and the SRP is to develop and execute an interoperability plan that offers a balance between the technology that is now available and the 3 P’s current and future. This plan should include technical design, partnership parameters, policies with definitions, and defined operational procedures. The contractor will develop this plan.
- This process will be to present a plan to the SIEC early in 2015 that can then be reviewed and tailored by SIEC representatives with the goal of adopting a working plan that includes a list of budgeted items by Summer, 2015.

21 July 2014

State Interoperability Executive Council
c/o ODOT State Radio Project
2600 State Street SE, Building E
Salem, Oregon 97301

Chairman Rakosi and Council Members,

The State Radio Project (SRP) budget includes \$2.3 million dedicated to enhance interoperability in the state. Specific use of those funds has not been defined. We believe it is prudent to hire a qualified outside entity to assist in that definition. This letter provides the major elements of contractor scope of work and requests authorization to hire assistance in writing the solicitation, in addition to hiring the actual evaluation and planning consultant.

As indicated, the interoperability budget lies within the State Radio Project control. The SIEC has the policy responsibility for use of the interoperability budget. The original plan was to purchase interoperability repeaters for deployment around Oregon. Since the budget was approved over 5 years ago, technology changes and experience lead us to consider better interoperability improvements such as use of ISSI connectivity between trunked radio users, through Statewide Communication Interoperability Plans (SCIPs), development of regional and state Tactical Interoperable Communication Field Operations Guides (TICFOG's), and with local and regional training.

The SIEC has directed the Technology Committee to develop guidelines and a plan to maximize these funds to enhance Oregon interoperability. Members of the Technology Committee are experts at designing solutions, but need assistance defining desired outcomes in order to set priorities. In discussion with SRP management and SIEC Chair, Rock Rakosi, we have concluded that hiring a contractor to do the following will provide the necessary expertise.

- Review existing information in the SCIP, the Technical Interoperability Communications Plans (TCIPs), and Oregon Regional TICFOG and resources identified by the SWIC and FEMA cataloging currently available resources.
- Review conventional interoperability in non-trunked areas.
- Develop an easily understood summary of interoperability assets already deployed.
- Based on a statewide public safety radio system topography including a completed SRS along with completion of 6 regional trunked systems, perform a needs analysis to define key deficiencies in current interoperability models.
- Based on best practices and existing successful models in other states, define a prioritized list of implementations that would address those deficiencies.
- Proposed evaluation and prioritization guidelines for interoperability projects.
- Prepare a plan based on best practices and the available budget.
- Prioritize and provide budget for all recommended actions.
- Provide a framework for future enhancements as budget allows.

The Strategic Planning, the Partnership, and the Technology Committees will be resources to the consultant. After their approval of the draft report, a final report would be reviewed by the Executive Committee then presented by the consultant to the full Council and interested members of the public, after which the Council will be asked to approve the plan.

A contractor to SRP, AECOM, is qualified to complete this evaluation but because they are an integral part of the project team, there may be a perceived conflict of interest if they perform the work. However, their industry expertise, knowledge of the project, and availability would be very beneficial in writing the solicitation Statement of Work and participation in the selection of another contractor. It is expected that their assistance in this effort would cost approximately \$25,000.

Assuming this approach is approved, the projected timeline is shown below.

July 2014 - AECOM provides cost for writing scope of work, packaged with this proposal and sent to Council Members/Committee Chairs for review prior to meeting.

August 12 2014 – Formal discussion of plan at SIEC meeting, vote by council to proceed with plan and approve budget for preparation of scope and bidding process.

August 19 2014 – Executive Committee meets with AECOM to outline framework for the RFP.

October 1 – AECOM provides scope of work and proposed budget for plan development. Scope and budget forwarded to Council for review.

October 14 2014 – Budget reviewed by Executive Committee for approval, bid process started either by special session or by Executive Committee meeting.

November 15 2014 – Bid award, contractor begins process.

February 2015 – Vendor draft to committees for review.

April 2015 – Complete plan to committees for approval, forwarding to Council.

May 2015 – Workshop/presentation to Council, vote on adoption. Action items assigned to committees.

On behalf of the Technology Committee, I request approval from the SIEC to proceed with statement of work development with AECOM and solicitation of a planning consultant. Progress reports will be provided at regular SIEC meetings and at any time upon request. Thank you for your consideration.

Sincerely,

Rick Iverson
SIEC Technology Committee Chair