



Deschutes County Board of Commissioners
1300 NW Wall St., Suite 200, Bend, OR 97701-1960
(541) 388-6570 - Fax (541) 385-3202 - www.deschutes.org

AGENDA REQUEST & STAFF REPORT

For Board Business Meeting of January 13, 2016

DATE: January 5, 2016

FROM: Steve Reinke 911 541-322-6101

TITLE OF AGENDA ITEM:

Consider an Inter-Governmental Agreement (IGA) with the Oregon Department of Transportation (ODOT) awarding a \$278,500 grant for radio communications system interoperability.

PUBLIC HEARING ON THIS DATE? No.

BACKGROUND AND POLICY IMPLICATIONS:

The attached IGA details the proposal submitted by the District and the responsibilities of ODOT and the District for the administration of the grant.

When the project is complete, a new, nationally designated 800 MHz radio calling channel will be operational in four of the District's radio sites. This will allow public safety responders who use trunked radio systems elsewhere who come into Deschutes County from outside our region to easily communicate with local responders in a mutual aid or disaster scenario.

FISCAL IMPLICATIONS:

None. This is a 100% grant with no match. Also, the grant funds have been incorporated into the District's pending FY 2015 supplemental budget.

RECOMMENDATION & ACTION REQUESTED:

Consider approval of the IGA.

ATTENDANCE: Steve Reinke.

DISTRIBUTION OF DOCUMENTS:

Two original copies of the executed IGA to Steve Reinke at the 9-1-1 Service District.



**INTERGOVERNMENTAL AGREEMENT FOR INTEROPERABILITY
OREGON DEPARTMENT OF TRANSPORTATION
AND
DESCHUTES COUNTY 9-1-1 SERVICE DISTRICT**

This AGREEMENT ("Agreement") is between the State of Oregon ("**State**") acting by and through its Department of Transportation ("ODOT"), and Deschutes County 9-1-1 Service District, ("**Agency**"), each a "Party" and, together, the "Parties."

RECITALS

- A. This Agreement is authorized by ORS 190.110.
- B. Pursuant to ORS 403.455, the State Interoperability Executive Council ("SIEC") is authorized to identify solutions to tie existing public safety communications infrastructure together for interoperability and to develop technological and policy recommendations to establish a statewide public safety communications system to improve emergency response and day-to-day public safety operations.
- C. One-time limited funding was authorized within ODOT's budget to advance statewide interoperability among state, local, and tribal public safety agencies in the State of Oregon ("SRP Interoperability Funds") according to the Public Safety Wireless Infrastructure Replacement Plan. For purposes of this Agreement, a "Public Safety Agency" means any unit of state, local, or tribal government, or a special-purpose district that provides or has authority to provide fire-fighting, police, ambulance, or emergency medical services.
- D. The SIEC approved policy recommendations for use of the SRP Interoperability Funds.
- E. ODOT requested recommendations from the SIEC for projects to receive funding from SRP Interoperability Funds.
- F. Agency submitted a proposal to the SIEC for use of SRP Interoperability Funds. Agency's application was reviewed by the SIEC and the SIEC recommended that ODOT consider funding the proposal from the SRP Interoperability Funds.

NOW THEREFORE, in consideration of the mutual promises below, it is agreed by and between the Parties as follows:

TERMS OF AGREEMENT

- 1. **EFFECTIVE DATE.** The effective date of this Agreement (the "Effective Date") is the date on which the last Party executes the Agreement. The "Term" of this Agreement commences on the Effective Date and expires on the earlier of Agency's receipt of State Funding, or June 30, 2017, unless otherwise terminated by the Parties.
- 2. **PROJECT.** Agency shall complete the project identified on Exhibit A, Project Application ("Project"), attached hereto and by this reference made part hereof. The total Project cost is estimated at Two Hundred Seventy Eight Thousand Five Hundred Dollars (\$278,500.00) for the equipment required at the Deschutes County 9-1-1 and Remote Sites 1,2,3, and 4 but excluding the optional Remote Site 5, as indicated on Exhibit B, Project Budget ("Project Budget"), attached hereto and by this reference made part hereof.

3. ODOT'S OBLIGATION. ODOT shall provide a one-time payment not to exceed Two Hundred Seventy Eight Thousand Five Hundred Dollars (\$278,500.00) ("State Funding") following receipt of a certification of Project completion, signed by Agency and by the Chair of the SIEC Technical Committee ("Certificate of Completion") as required in Subsection 4h. ODOT shall submit payment to Agency within forty-five (45) business days after receipt of a Certificate of Completion from Agency.

4. AGENCY OBLIGATIONS.

- a. Prior to commencing the Project Agency shall provide documentation acceptable to ODOT of engineering, design, plans, specifications, and any required modification to Exhibits A and B to remotely shut down the simulcast controllers and individual channels to address potential for interference.
- b. Agency shall provide Project management, oversight and support for implementation of the Project and take whatever actions are reasonable and necessary to ensure that all Project associated equipment is procured and installed prior to March 31, 2017.
- c. Agency shall be responsible for all necessary Project engineering and design work, plans, specifications, procurement, permits, materials testing, payment, and Project documentation.
- d. Agency shall negotiate, obtain, and maintain, to the extent necessary, any agreements, that may be required for the Project. Any agreements that include use of State facilities or equipment must be approved by State as to form and content.
- e. Agency shall be responsible for Project inspection and acceptance. Agency shall notify ODOT of all Project inspections and shall allow ODOT, SIEC, or both, at their own discretion to participate in Project inspections.
- f. Agency shall report Project status at each SIEC quarterly meeting until Project completion and Agency submittal of a Certificate of Completion to SIEC. Agency shall include in Project status reports a report on the progress of the Project and compliance with the terms of this Agreement.
- g. Agency shall upon Project completion and at Agency expense retain all ownership and operational control and maintenance of all equipment installed as part of the Project at a minimum level that is consistent with normal depreciation, service demand, or both.
- h. Agency shall be solely responsible for all Project costs incurred unless the Project is fully completed and a Certificate of Completion is: (1) signed by Agency; (2) a copy submitted by Agency to the Chair of the SIEC Technical Committee and (3) a copy submitted to the ODOT representative identified in Section 8 no later than May 1, 2017. ODOT will neither accept any request for reimbursement received after May 1, 2017, nor will State reimburse Agency for such Project costs. In the event the Project cannot be completed within the estimated Project Budget identified on Exhibit B, Agency shall be solely responsible for all costs that exceed State Funding. If Agency determines that it is unable to provide any additional funding required to complete the Project, Agency may terminate this Agreement in accordance with SECTION 7 TERMINATION.

- i. In connection with its activities under this Agreement, Agency shall comply with all applicable federal, state and local law.

5. AGENCY'S REPRESENTATIONS AND WARRANTIES

- a. Agency represents and warrants to ODOT that:
 - i. Agency is a Public Safety Agency as defined in this Agreement.
 - ii. Agency has funding, or appropriations, limitations or other expenditure authority at levels sufficient in Agency's reasonable administrative discretion, to perform its obligations under this Agreement.
 - iii. Agency has the power and authority to enter into and perform this Agreement.
 - iv. The making and performance of this Agreement by Agency: (1) has been duly authorized by Agency; and (2) does not and will not violate any provision of any applicable law, rule, or regulation.

6. Contribution.

- a. If any third party makes any claim or brings any action, suit or proceeding alleging a tort as now or hereafter defined in ORS 30.260 (a "Third Party Claim") against a Party (the "Notified Party") with respect to which the other Party (the "Other Party") may have liability, the Notified Party shall promptly notify the Other Party in writing of the Third Party Claim and deliver to the Other Party, along with the written notice, a copy of the claim, process and all legal pleadings with respect to the Third Party Claim that have been received by the Notified Party. Each Party is entitled to participate in the defense of a Third Party Claim, and to defend a Third Party Claim with counsel of its own choosing. Receipt by the Other Party of the notice and copies required in this Section and a meaningful opportunity for the Other Party to participate in the investigation, defense and settlement of the Third Party Claim with counsel of its own choosing are conditions precedent to the Other Party's contribution obligation under this Section 10 with respect to the Third Party Claim.
- b. With respect to a Third Party Claim for which ODOT is jointly liable with Agency (or would be if joined in the Third Party Claim), State shall contribute to the amount of expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by Agency in such proportion as is appropriate to reflect the relative fault of ODOT on the one hand and of Agency on the other hand in connection with the events that resulted in such expenses, judgments, fines or settlement amounts, as well as any other relevant equitable considerations. The relative fault of ODOT on the one hand and of Agency on the other hand shall be determined by reference to, among other things, the Parties' relative intent, knowledge, access to information and opportunity to correct or prevent the circumstances resulting in such expenses, judgments, fines or settlement amounts. ODOT's contribution amount in any instance is capped to the same extent it would have been capped under Oregon law if the ODOT had sole liability in the proceeding.
- c. With respect to a Third Party Claim for which Agency is jointly liable with ODOT (or would be if joined in the Third Party Claim), Agency shall contribute to the

amount of expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by ODOT in such proportion as is appropriate to reflect the relative fault of Agency on the one hand and of ODOT on the other hand in connection with the events that resulted in such expenses, judgments, fines or settlement amounts, as well as any other relevant equitable considerations. The relative fault of Agency on the one hand and of ODOT on the other hand shall be determined by reference to, among other things, the Parties' relative intent, knowledge, access to information and opportunity to correct or prevent the circumstances resulting in such expenses, judgments, fines or settlement amounts. Agency's contribution amount in any instance is capped to the same extent it would have been capped under Oregon law if it had sole liability in the proceeding.

7. TERMINATION.

- a. This Agreement may be terminated by mutual written consent of the parties.
- b. Agency may terminate this Agreement immediately upon written notice to ODOT, if Agency funding, or appropriations, limitations or other expenditure authority at levels sufficient in Agency's reasonable administrative discretion, to perform its obligations under this Agreement is cancelled or terminated by Agency's funding authority. Termination under this Subsection shall relieve ODOT from all obligations under this Agreement and Agency shall be solely responsible for all costs incurred for the Project.
- c. ODOT may terminate this Agreement effective upon delivery of written notice to Agency, or at such later date as may be established by ODOT, under any of the following conditions:
 - i. If Agency fails to complete the Project and submit a Certificate of Completion to ODOT on or before May 1, 2017 as required by Subsection 4h.
 - ii. If Agency fails to perform any of the other provisions of this Agreement, or so fails to pursue the work as to endanger performance of this Agreement in accordance with its terms in ODOT's sole determination based on review of Agency reports to SIEC required under Agency Obligations Section 4 f., and after receipt of written notice from ODOT fails to correct such failures within ten (10) days or such longer period as ODOT may authorize.
 - iii. If Agency fails to provide payment of its share of the cost of the Project. Termination under this Subsection shall relieve ODOT from all obligations under this Agreement and Agency shall be solely responsible for all costs incurred for the Project.
 - iv. If ODOT fails to receive funding, appropriations, limitations or other expenditure authority sufficient to allow ODOT, in the exercise of its reasonable administrative discretion, to continue to make payments for performance of this Agreement.
 - v. If federal or state laws, regulations or guidelines are modified or interpreted in such a way that either the work under this Agreement is prohibited or

ODOT is prohibited from paying for such work from the planned funding source.

- d. Upon termination, neither Party shall have further obligation to complete the Project under this Agreement.

8. NOTICES.

- a. Any notice required or permitted to be sent under this Agreement will be deemed sent when it is deposited in the United States Mail, postage prepaid, addressed to the other Party or Parties at the following address, or at a new address, if such new address has been given to the other Parties. Address changes and contact information may be submitted using United States Mail, email, or facsimile, if appropriate.
- b. Either Party hereto may change the place for the giving of notice to it by thirty (30) days' prior written notice to the other as provided herein.
- c. The State and Agency contacts identified in this Agreement are:

If to ODOT: **ODOT Contact**

ODOT/OSP Wireless Section Manager, or designee
455 Airport Rd SE, Building C
Salem, OR 97301-5375
WirelessWorkOrderDesk@ODOT.state.or.us
(503) 986-2911

If to: Agency

Deschutes County 9-1-1 Service District
Tim Beuschlein, Public Safety Systems Specialist
20355 Poe Sholes Drive, Suite 300
Bend, Oregon 97703
Email: Tim.Beuschlein@deschutes.org
Phone: (541) 322-6117

9. GENERAL PROVISIONS

- a. Available Funding. Notwithstanding anything in this Agreement to the contrary, the State of Oregon's payment obligations under this Agreement are conditioned upon ODOT receiving funding, appropriations, limitations, allotments, or other expenditure authority sufficient to allow ODOT, in the exercise of its reasonable administrative discretion, to meet its payment obligations under this Agreement. Agency is not entitled to receive payment under this Agreement from any part of Oregon state government other than ODOT. Nothing in this Agreement is to be construed as permitting any violation of Article XI, Section 7 of the Oregon Constitution or any other law regulating liabilities or monetary obligations of the State of Oregon. State represents and warrants to Agency that State has funding, appropriations, limitations or other expenditure authority for the current biennium at levels sufficient, in State's reasonable administrative discretion to perform its obligations under this Agreement.

- b. Survival. All rights and obligations of the Parties under this Agreement will cease upon termination of this Agreement, other than the rights and obligations arising under Sections 4 (Subsection h) 5, 6 and 9 (Subsections a, b, d, e and g) hereof and those rights and obligations that by their express terms survive termination of this Agreement; provided, however, that termination of this Agreement will not prejudice any rights or obligations accrued to the Parties under this Agreement prior to termination.
- c. Amendment. This Agreement cannot be amended, modified, or revised unless done in writing and signed by an authorized agent of ODOT and an authorized agent of the Agency.
- d. Intended Beneficiaries. ODOT and Agency are the only Parties to this Agreement and are the only Parties entitled to enforce its terms. Nothing in this Agreement gives, is intended to give, or shall be construed to give or provide any benefit or right, whether directly, indirectly, or otherwise, to third persons unless such third persons are individually identified by name herein and expressly described as intended beneficiaries of the terms of this Agreement.
- e. Governing Law, Venue, Consent to Jurisdiction. The Agreement is governed by and construed in accordance with the laws of the State of Oregon without regard to principles of conflicts of law. Any claim, action, suit or proceeding (collectively, "Claim") between ODOT and Agency shall be brought and conducted solely and exclusively within the Circuit Court of Marion County for the State of Oregon; provided, however, if a Claim must be brought in a federal forum, then it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. In no event shall this Section be construed as a waiver by the State of Oregon of any form or defense or immunity, whether based on sovereign immunity, governmental immunity, immunity based on the Eleventh Amendment to the United States Constitution, or otherwise.
- f. Counterpart Execution. This Agreement may be executed in several counterparts (facsimile or otherwise) all of which when taken together shall constitute one agreement binding on all Parties, notwithstanding that all Parties are not signatories to the same counterpart. Each copy of this Agreement so executed shall constitute an original.
- g. Entire Agreement. This Agreement and all exhibits constitute the entire agreement between the Parties on the subject matter hereof. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. No waiver, consent, modification, or change of terms of this Agreement shall bind either Party unless in writing and signed by both Parties and all necessary approvals have been obtained. Such waiver, consent, modification, or change, if made, shall be effective only in the specific instance and for the specific purpose given. The failure of ODOT to enforce any provision of this Agreement shall not constitute a waiver by ODOT of that or any other provision.

(SIGNATURE PAGE FOLLOWS)

THE PARTIES, by execution of this Agreement, hereby acknowledge that its signing representatives have read this Agreement, understand it, and agree to be bound by its terms and conditions.

DESCHUTES COUNTY 9-1-1 SERVICE DISTRICT, by and through the BOARD OF COMMISSIONERS OF DESCHUTES COUNTY, OREGON, AS THE GOVERNING BODY OF THE 911 COUNTY SERVICE DISTRICT

DATED this ____ Day of _____ 2016.

By _____

ALAN UNGER, Chair

By _____

TAMMY BANEY, Vice Chair

By _____

ANTHONY DEBONE, Commissioner

APPROVAL RECOMMENDED

By _____

Deschutes County 9-1-1 Service District Director

Date _____

REVIEWED

By _____

Agency Legal Counsel

Date _____

STATE OF OREGON, by and through its Department of Transportation

By _____

Major Projects Section Manager

Date _____

APPROVAL RECOMMENDED

By _____

ODOT Wireless Section Manager

Date _____

APPROVAL RECOMMENDED

By _____

Statewide Interoperability Coordinator

Date _____

APPROVED AS TO LEGAL SUFFICIENCY

By _____

Assistant Attorney General

Date _____

ODOT Contact:

ODOT/OSP Wireless Section Manager, or designee

455 Airport Rd SE, Building C

Salem, OR 97301-5375

WirelessWorkOrderDesk@state.or.us

(503) 986-2911

EXHIBIT A PROJECT APPLICATION



SIEC Interoperability Funds Allocation Funding Application		
<small>Each applicant requesting interoperability funds must complete a project application</small>		
Agency Information		
Project Title: <u>Central Oregon Interoperability Project (COIP)</u>		
Governmental Entity: <u>Deschutes County 9-1-1 Service District</u>		
Agency Requesting Funds: <u>Deschutes County 9-1-1 Service District</u>		
Interoperability Funds Requested: <u>\$278,500.00</u>		
Contact Information		
Project Contact Name: <u>Tim Beuschlein</u>		Title: <u>Public Safety Systems Specialist</u>
E-Mail: <u>Tim.Beuschlein@deschutes.org</u>		Address: <u>20355 Poe Sholes Drive Suite 300</u>
Phone #: <u>541-322-6117</u> Ext: <u>N/A</u>		City, State, Zip: <u>Bend Oregon 97703</u>
Finance Contact Name: <u>Kim Morse</u>		Title: <u>Administrative Supervisor</u>
E-Mail: <u>Kimberly.Morse@deschutes.org</u>		Phone #: <u>541-322-6102</u> Ext: <u>N/A</u>
<div style="border: 1px solid black; padding: 5px;"><small>The receiving entity is able to fund their project with available funds and will be reimbursed as indicated in the IGA after the project has been certified as complete.</small></div>		
Agency Signature Authority		
Budget Authority (Name Printed): <u>Steve Reinke</u>		
Budget Authority (Signature): 		Date: <u>9/28/2015</u>
Submit Completed Form To:		
SIEC Interoperability Allocations C/O ODOT Wireless 455 Airport Rd SW Bldg. C Salem, OR 97301		If you have questions call: 503-986-2896
<small>State Interoperability Funding Grant (SIFG) Funding Agency Checklist</small>		
<small>Classification: ODOT Internal Use Only</small>		
<small>Form Version: 1.4</small>		
<small>Last Updated: 6/9/2015</small>		

EXHIBIT A PROJECT APPLICATION - CONTINUED

SIEC Interoperability Allocation Project Proposal Worksheet



Overview

This worksheet is for applicants applying for the SIEC Interoperability Allocation funds. This worksheet must be completed in full. No more than one worksheet may be turned in per jurisdiction. Projects are managed and implemented by the applicant.

1. Project Description

Provide a detailed description of your project.

Description:

(Point Value = 30)

For the past two years agencies in the Central Oregon Region have been working on the Next Generation Radio Project, designed to combine technology and governance in one project to achieve interoperability in Deschutes County. The key is the integration of a "Project 25, Phase 2" simulcast trunked system to the State Radio Project 25, Phase 2 Multicast trunked system. Our project offers Deschutes County the ability to integrate these two systems with a level of interoperability not currently available in Deschutes County for our public safety responders and the community.

Combining these systems will allow all agencies within Deschutes County to communicate with each other as well as with the Oregon Department of Transportation and the Oregon State Police on a single integrated system with full technical support and clear, concise governance. The only element that would improve this project more would be to integrate a national 800 MHz conventional channel for interoperability.

Our proposed project will create and integrate an 800 MHz national interoperability frequency into a conventional simulcast repeater system to the Deschutes County 9-1-1 P25 Trunked Radio System, which is part of the State of Oregon Trunked Radio System.

Four sites have been chosen based on the coverage they would provide to the Highway 97 corridor, and the call volume in that area. The map in Appendix A shows detailed site locations for each of these areas proposed for enhancement. Pine Mountain is included as an optional site if funding is available for an additional site for future Urban Growth Boundary (UGB) expansion. All of the sites chosen have performed well for the past sixteen years in the 800 MHz spectrum with few reported interference issues.

This system will be comprised of Codan Project 25 capable 800 MHz repeaters, Spectracom GPS receivers, Harris multiplexers and a JPS Raytheon SNV-12 voter. The backhaul for the system will be provided by a combined microwave and metro fiber network owned and operated by Deschutes County 9-1-1. Upgrading the microwave network is a separate project already funded by Deschutes County 9-1-1. The SNV-12 voter will be fully integrated into the dispatch console environment providing the capability for monitoring by Deschutes County 9-1-1. Alternate paths for monitoring and interoperability will be provided by the Deschutes County Trunked System upgrade project currently in progress and fully funded.

2. New Interoperability Capabilities

Describe the capabilities that will be created or enhanced by this project

Outcome Capabilities:

(Point Value = 15)

This project will enhance current and future interoperability by improving day to day communications between multi-jurisdictional home bases and Deschutes County 9-1-1. In the event of a major catastrophic incident or a breach in Homeland Security the project will allow for communication across the state, regardless of handheld or mobile equipment, and is imperative for the public safety sector and communities we serve.

Oregon Revised Statute 403.455 outlines the state's plan to identify immediate short and long term solutions to tie existing communication infrastructure together into an interoperable communications system. This funding request qualifies as part of the state's overall interoperability plan.

The beauty and climate of Central Oregon attracts many outdoor events to the region. Most events occur at multiple venues throughout the region requiring coordination and assistance from agencies outside of the area. The use of these agencies has been crucial to the success of the events but has always resulted in communications issues, because events often require multiple radio programming sessions or the trading of portable radios to make the event and its participants safe. Compounding the issue is the use of motor units from Valley and other agencies with vendor make/model specific helmet sets that make sharing or trading radios impossible.

The proposed project eliminates the need for programming local frequencies; the sharing of system keys with unknown vendors; and will reduce the number of radios which need to be distributed for events that are planned and those which are catastrophic in nature. It will also improve mutual aid communication within the region, and for Valley and other agencies working in our area who are not on the Deschutes County 9-1-1 Trunked Radio System.

By using Project 25 capable equipment, the project design allows Deschutes County the ability to expand its system to multiple channels and to operate in mixed analog/P25 mode. This ensures continued interoperability growth for the region by allowing the expansion of talk paths to the State of Oregon Trunked Radio System and neighboring counties.

EXHIBIT A PROJECT APPLICATION - CONTINUED

SIEC Interoperability Allocation Project Proposal Worksheet

Continued



3. Interoperability Strategy

Describe how this project enhances state wide interoperability. This would include local interoperability that can be leveraged in the future for state wide interests.

Interoperability Strategy Goals and Objectives:

(Point Value = 15)

First Goal: To provide a single local 800 MHz simulcast channel with coverage from north through south Deschutes County on Highway 97 using one of five national interoperable channels.

Second Goal: Provide a talk path through the IO gateway to the Deschutes County 9-1-1 Trunked Radio System. The talk path will create interoperable communications between local law enforcement agencies and public safety agencies from outside the area for planned and unplanned incidents.

Third Goal: Provide a talk path to the State of Oregon Trunked Radio System from either the Deschutes County Trunked Radio System or the State of Oregon Trunked Radio System. This talk path will allow Oregon State Police officers and Oregon Department of Transportation employees to remain on their day-to-day channels and have a talk path to Deschutes County Public Safety employees and agencies from outside the area.

Objectives are the same across all three goals; to ensure continued interoperability growth for the region allowing the expansion of communication.

This plan will provide major improvement to interoperable communications between multi-jurisdictional home bases, portable and mobile radios and Deschutes County 9-1-1.

4. Interoperability Cooperators List

List all of the entities that this proposal will enhance or that will initiate new interoperability opportunities.

Cooperators List

(Point Value = 10)

This project will far exceed the minimum requirement that at least two public safety entities must benefit from this project as thirty-eight agencies will have that ability. In addition, it will also allow state entities the ability to inter-operate with cooperators outside the state as well as providing several Federal agencies greater interoperability.

Keeping the Oregon Statewide Communication Interoperability Plan (SCIP) in mind, and the state's mission to "Strengthen partnerships, while leveraging resources and capital improvements, to maximize voice and data interoperability", this project will allow the Central Oregon area to assist the state in getting one step closer to reaching its goal. By identifying and assisting current and potential users of public safety interoperable communications this project aligns with making advancements in state-wide interoperability.

Appendix B of this application provides a current list of Federal, state, county and local agencies that will benefit from this project.

5. Proposed Itemized Funding

Provide the proposed funding amount for equipment, installation, labor, contracts, etc. These must be itemized clearly understand the equipment model #, units, hourly labor costs, etc.

Proposed Equipment Funding:

(Point Value = 20)

All pricing is for hardware only and does not include installation services, racks or antenna systems for the repeaters. GPS antennas, line and surge suppression are included with the GPS receiver pricing. Repeater pricing is based on category 2 authorized purchasers on the Oregon Wireless Interoperability Network project contract. All but Spetracom qualifies for WSCA pricing. Costs listed in Appendix C are budgetary only and will be purchased off of contract or in compliance with the District's existing purchasing policies and procedures.

APCO 800 MHz channel coordination fee \$100.00 + \$60.00 per frequency pair/site combination.

EXHIBIT A PROJECT APPLICATION - CONTINUED

SIEC Interoperability Allocation Project Proposal Worksheet

Continued



6. Project Schedule Milestones

Identify milestones by quarter with start and end dates that will be achieved within the performance period.

Project Schedule Milestones:				(Point Value = 15)	
Quarter	Milestones	Start Date (mm/dd/yy)	End Date (mm/dd/yy)		
1	Design and Engineering	Nov 16, 2015	Dec 31, 2015		
2	Operations Review and Purchasing	Jan 1, 2016	Mar 31, 2016		
3	Staging, Configuration and Testing	Apr 1, 2016	Jun 30, 2016		
4	Site Installation and System Testing	Jul 1, 2016	Sep 30, 2016		
5	Operational Readiness Review and Training	Oct 1, 2016	Dec 30, 2016		
6					
7					
8	Project Complete and Operational	Jan 1, 2017	Mar 31, 2017		

Connecting Entities Approval

Complete this section with the names and signatures of cooperating agencies contact information and signatures.

Approvers

System Owner Entity	Name	Phone #	Signature
No signatures are required as Deschutes County 9-1-1 owns each site.			

EXHIBIT B - PROJECT BUDGET

Equipment	Locations	Quantity	Cost per Each	Total Cost
JPS Raytheon SNV-12 Voter/Comparator	DC911	1	\$6,000	\$6,000
Cisco Router	DC911 Gray Butte Five Mile Awbrey Wampus	5	\$3,000	\$15,000
Spectracom Secure Sync GPS Receiver	DC911 Gray Butte Five Mile Awbrey Wampus	5	\$5,500	\$27,500
Harris Multiplexer with Delay	DC911	5	\$12,000	\$12,000
Harris Multiplexer with Delay	Gray Butte Five Mile Awbrey Wampus		\$8,500	\$34,000
Harris Master III Repeater	Gray Butte Five Mile Awbrey Wampus	4	\$45,000	\$180,000
Receive Site Voter Interface	Gray Butte Five Mile Awbrey Wampus	4	\$1,000	\$4,000
TOTAL PROJECT COST				\$278,500