



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

**Department Name:** General Services  
**Department No.:** 063  
**For Agenda Of:** May 19, 2015  
**Placement:** Administrative  
**Estimated Time:**  
**Continued Item:** No  
**If Yes, date from:**  
**Vote Required:** Majority

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**TO:** Board of Supervisors

**FROM:** General Services: Matthew P. Pontes, Director 560-1011  
Contact Info: Jennifer Slayman, Assistant Director 568-2606  
General Services, Information & Communications Technology  
Division

**SUBJECT:** County Telephone and Data Communications Microwave System Installation,  
Contract Amendment

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**County Counsel Concurrence**

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

**Auditor-Controller Concurrence**

As to form: Yes

**Recommended Actions:** That the Board of Supervisors:

- a) Approve and authorize the Chair to execute the attached First Amendment to the Agreement with Alcatel Lucent USA Inc., 600 Mountain Avenue, Murray Hill, NJ, not a local vendor, for the County Telephone and Data Communications Microwave System Installation, Board Contract BC-15103, amending the Contract to increase the amount of the agreement by \$91,548 to expand the number of sites serviced by the system, to extend the end date from June 30, 2015 to June 30, 2016; and amending the not to exceed amount to \$250,833; and
- b) Determine that the proposed project is exempt from the provisions of CEQA pursuant to State CEQA Guidelines Section 15301, as it involves the operation and maintenance of County equipment that will result in no or negligible expansion of existing use and direct staff to file an Notice of Exemption on that basis.

**Summary Text:**

To meet the needs of remote offices for improved bandwidth options, General Services has developed a service called Point to Point Microwave. On October 21, 2014, the Board executed the attached County Telephone and Data Communications System Agreement with Alcatel Lucent USA. The scope of the agreement was to install and maintain the first two links in a Point to Point Microwave system to

transport voice and data traffic. The term of the Agreement was from October 21, 2014 through June 30, 2015. This first amendment will expand the network to two additional remote Public Works sites, Tajiguas and Foxen Canyon. This Amendment to the Agreement will extend the amount of the agreement to \$250,833 and extend the contract end date to June 30, 2016.

**Background:**

On October 21, 2014, the Board awarded to Alcatel Lucent a contract to install and maintain the Point to Point Microwave system, Board Contract-15103. The term of the Agreement was from October 22, 2014 through June 30, 2015. This first Amendment to the Agreement will extend the contract end date to June 30, 2016 to complete the additional installations at the two new sites, Tajiguas and Foxen Canyon.

The Point to Point Microwave system works using a hub and spoke model. The hub microwave site is at Santa Ynez Peak. The spokes will link to the remote offices. The main spoke will link from Santa Ynez to the Emergency Operations Center (EOC) where it connects to the County network. This main link is referred to as the backhaul link. Each of the remote offices will have their own 10 Mbps stream of data to Santa Ynez and then will share the backhaul link to the EOC. The backhaul link is a 180 Mbps connection. The hub is maintained by General Services and is able to support up to 18 satellite destinations of 10 Mbps each. The County Parks division of Community Services Department was the first remote office on this model at the Cachuma Lake County Park.

At peak use times, the network connection to the Public Works sites is saturated. The saturated connection slows down the fee payment process and other administrative functions at the landfills. This upgrade improves connectivity and supports multiple user sessions with faster transaction speeds. Remote access to operational reports, scale operations and onsite surveillance systems will also be possible. Installing the Point to Point link saves money versus installing multiple 1.5 Mbps connections (T1). A T1 line costs approximately \$600 a month. Tajiguas and Foxen Canyon each have a T1 line installed. The new Point to Point Microwave system will provide a 10 Mbps connection for Foxen Canyon for \$612 month and \$1,024 for Tajiguas. Tajiguas required two hops due to the site layout. The bandwidth provided is almost seven times faster than the existing connection. The higher bandwidth connection also allows these locations to implement Voice over Internet Protocol (VoIP) technologies for telephone services.

**Performance Measure:**

Percent of customers satisfied or highly satisfied with services provided by the department.  
(Target => 80%)

**Fiscal and Facilities Impacts:**

Budgeted: Yes

Narrative: On October 21, 2014, the Board awarded to Alcatel Lucent a contract to install and maintain a Point to Point Microwave system first utilized at Cachuma Lake, with Board Contract-BC15103 for \$159,285. Community Services Department funded \$70,000 and General Services, Communications Fund 1919, funded \$89,285 of the original contract. This amendment would authorize an additional \$91,548 of funding to expand to two new sites, for a total contract value of \$250,833. This funding source was included in the FY 14-15 Public Works budget for Fund 1930.

**Fiscal Analysis:**

<b><u>Funding Sources</u></b>	<b><u>Current FY Cost:</u></b>	<b><u>Annualized On-going Cost:</u></b>	<b><u>Total One-Time Project Cost</u></b>
General Fund	\$ 70,000		\$ 70,000
State			
Federal			
Fees			
Other:Fund 1930	\$ 91,548		\$ 91,548
Other:Fund 1919	\$ 89,285		\$ 89,285
Total	\$ 250,833	\$ -	\$ 250,833

**Key Contract Risks:**

The risk in this First Amendment to the contract is low; the initial contract work has been completed, vendor is a leader in the industry, equipment is available and vendor staff are knowledgeable.

**Special Instructions:**

Please send one duplicate contract to Alcatel USA. Please send contract and one duplicate of the minute order to Jennifer Slayman, General Services Department.

**Attachments:**

- Attachment A: Contract Amendment #1
- Attachment A-1: Statements of Work for Foxen Canyon and Tajiguas
- Attachment A-2: Alcatel Quotes
- Attachment B: County Telephone and Data Communications Microwave System Contract
- Attachment C: Notice of Exemption

**Authored by:**

Jennifer Slayman, Assistant Director General Services 568-2606