



**STATE PROCUREMENT OFFICE
NOTICE OF AMENDMENT TO SOLE SOURCE CONTRACT**

1 TO: Chief Procurement Officer
2 FROM: Transportation-Airports Division
Department/Division/Agency

3 Name of Contractor: Pacific Wireless Communications, LLC
4 Sole Source Reference Number: 06-036-C 5 Contract Number: 54856

6 Description of goods, services, or construction:
Provide engineering, delivery and upgrade to the Digital (APCO 25 capable) 700/800 MHz Trunking Radio Console System for operation at Kahului Airport. See attached:

7 Approval to amend is submitted in order to:
 Revise the scope of services for the contract as follows:
1. Omit the previous console furniture which will be provided in a newly proposed Statewide security monitoring system for all DOT Airports. 2. Replace 25 KHz radios to 12.5KHz to meet P25 narrow band requirements. 3. Provide Statewide "Mutual Aid" interoperability. 4. Replace old UPS batteries for the trunking infrastructure. 5. Replace aging analog portable radios to current digital platform to match the current digital radio system.

Increase contract price by 10 % or more: Original Contract Price: 209975.71 Amended Contract Price: 246016.38

8 Reason: This / These amendment(s) are necessary because:
In addition to the 5th channel upgrade, the existing UPS back up batteries will need to be replaced due to age. Relocation of the upgraded infrastructure is required due to the lack of space and most importantly security of the enhanced infrastructure. The current location of the infrastructure is not dust free, has no AC, and co-located in a lunch room.

9 Direct questions to: Martinez Jacobs, Airports Fire Chief Phone: 838-8702

Agency shall ensure adherence to applicable administrative and statutory requirements.

10 Pursuant to § 103D-306, HRS, and § 3-122-82, HAR, I certify that the information provided above is, to the best of my knowledge, true and correct

Bruce H. Selge

11/13/07

Department Head

Date

Reserved for SPO Use Only

11. Date Notice Posted: 11/16/07
12. Submit written objections to this notice of amendment to Sole Source Contract within seven calendar days or as otherwise allowed from the above posted date to: Chief Procurement Officer
State Procurement Office
P.O. Box 119
Honolulu, Hawaii 96810-0119

Chief Procurement Officer's Comments :

13. APPROVED DISAPPROVED NO ACTION REQUIRED

Ann S. Fyfe 11/23/07
Chief Procurement Officer Date

14. S.S.No. 06-036-C

Spo 1b ATTACHMENT (10/30/07)

Attachment to Section 6. Description of Goods, Services, or construction:

Provide engineering, delivery and upgrade of new Digital (APCO 25 capable) 800 MHz Trunking Radio Console System for operation at Kahului Airport. The new Trunking Radio Communications System upgrade will consist of one (1) add on Quantar repeater, one (1) position Centracom II Gold Elite Smartnet console, UPS battery upgrade and replacement for the existing and newly configured trunking infrastructure.

Relocate the existing trunking communication infrastructure as part of the system expansion. Provide a one (1) year service contract with after hours call for the upgraded fixed infrastructure and existing subscriber radios. Upon completion of the upgrade, all existing and new subscriber units will require programming with the new trunking format and Mutual Aid "Must Carry" interoperability channels.

Replace 7 year old analog trunked LTS2000 portable radios with new Astro Digital (P25 capable) XTS2500, 700/800 MHz subscriber radios.

Attachment to Section 7. Approval to submit is amended in order to:

6. Provide 700 MHz SLEC Statewide network interoperability capability in all new subscriber units. 7. After hour service to maintain the main trunking infrastructure, fixed stations and ancillary equipment.

Attachment to Section 8. Reason This/These amendment(s) are necessary because:

For Statewide first responder interoperability, all radios should include the State & Federal Mutual Aid "Must Carry" channels programmed into all subscriber radios. As for the aging LTS 2000 radios, the product line is no longer in production and is not compatible to the digital platform currently being upgraded into all current subscriber radios. For Statewide 700 interoperability onto the SLEC network, the LTS2000 has no provisions for any 700MHz or ADP encryption capability to meet the SLEC radio specifications.

At this time, maintenance of the current infrastructure is on a time and material basis requiring costly after hour servicing in many cases. A monthly service 24/7 contract will mitigate costly unforeseen after hour service calls while at the same time allowing a manageable cost for the maintenance of the entire network and subscriber radios that are no longer under warranty.



Pacific Wireless Communications, LLC

Telephone (808)837-4300

Fax (808)837-4333



Equipment Proposal for:

Fire Chief Martinez Jacobs

*DOT Airports Division
400 Rodgers Blvd. Suite 700
Honolulu, Hawaii 96819*

Kahului Airport Project Summary "Without Furniture"

10/18/2007

Item No.	Description	Quantity	Unit Cost	Extended Cost
1	*Quantar 800MHz Continuous Duty Repeater (4th Channel) 20-100 Watts, Flashport capable for future migration APCO Conventional Trunked Project 25 capable ASTRO, SECURENET capable External test speaker and test mic, 30" cabinet Conventional ASTRO IMBE capable Add on Combiner and Receive multicoupler <i>*Contract # CM1604-33 Digital 800 MHz Upgrade-TTL \$30,000 w/ tx</i>	1	\$28,800.00	\$28,800.00
				"COMPLETED"
2	Gold Elite Workstation Dispatch Console 1 Console positions w/ headset jack and microphone CEBw/ battery back-up Centracom Software licenses Client workstations w/ 19" LCD Monitors Centracom Gold Elite Client Wkstn Windows software	1	\$113,662.00	\$113,662.00
3	Quantar 800MHz Continuous Duty Repeater (5th Channel) 20-100 Watts, Flashport capable for future migration APCO Conventional Trunked Project 25 capable ASTRO, SECURENET capable External test speaker and test mic, 30" cabinet Conventional ASTRO IMBE capable Add on Combiner and Receive multicoupler	1	\$29,545.00	\$29,545.00
			Equipment Total	\$172,007.00
			Freight incl.	\$7,971.00
			Installation	\$21,600.00
			4.166% tax included	\$8,397.74
			TOTAL	\$209,975.74
	<i>ORIGINAL PROJECT Sole Source total for Kahului Airport</i>			
	<i>*Contract # CM1604-33 Digital 800 MHz Upgrade-TTL \$30,000 w/ tx</i>			-30,000.00
	Console Furniture Deletion			-13,773.35
	<i>Concept Seating high Back chair Installation Watson Fixed Straight Line Position Console Furniture Includes Tax and Freight</i>			
	<i>Net Remainder of Kahului Airport Sole Source</i>			\$166,202.39
	<i>Requested Addendum for additional upgrades (See attached)</i>			\$79,813.99
	Total Project balance w/ additional upgrades			\$246,016.38



Pacific Wireless Communications, LLC

Telephone (808)837-4300 Fax (808)837-4333



Equipment Proposal for:

Fire Chief Martinez Jacobs

*DOT Airports Division
400 Rodgers Blvd. Suite 700
Honolulu, Hawaii 96819*

Kahului Communications Upgrade Ammendment

10/31/2007

Item No.	Description	Quantity	Unit Cost	Extended Cost
3	One Year service Contract for exsiting radio infrastructure and subscriber radios. See attached contract. Service contract is based on 24/7 (24 hour) plan	1	\$ 17,999.88	\$17,999.88
4	Re-programming of all existing radios to accommodate new upgrades and Mutual Aid "Must Carry" channels	1	\$ 1,916.65	\$1,916.65
5	Service and replace 8 batteries in the current UPS Includes delivery, disposal and installation	1	\$ 2,928.55	\$2,928.55
6	Relocation installation of existing trunking Network to new location Includes new cables, decommissioning, staging and reinstallation	1	\$ 5,726.15	\$5,726.15
7	XTS2500, Model 1.5, 1-3 Watts 3600 Baud Trunking, 96 channels ADP Encryption capable Alphanumeric Display w/ 6 lines Impress Battery Charger w/ battery gauge Ultra high capacity NiCad Battery Leather case w/ swivel	20	\$ 2,309.09	\$46,181.86
Equipment Total				\$74,753.09
Freight incl.				\$1,868.83
Installation				
4.166% tax included				\$3,192.07
TOTAL				\$79,813.99

*Price Quotation good until 10/31/07
Quotation Prepared by: Alan Nishimura
Ph: 808-478-1176 Fax: 808-837-4333*

Description of Goods, Services, or construction:

Provide engineering, delivery and upgrade of a new Digital (APCO 25 capable) 800 MHz Trunking Radio Console System for operation at Kahului Airport. The new Trunking Radio Communications System upgrade will consist of one (1) add on Quantar repeater, one (1) position Centracom II Gold Elite Smartnet console and UPS battery replacement for the newly configured trunking infrastructure. The current radio infrastructure will also require relocation to the new communications room to accommodate for the expansion of the network. As part of the system expansion, a one year service contract including after hours call is being requested for all subscriber units and infrastructure. Upon completion of the upgrade, programming of all existing and new subscriber units with the new trunking format and Mutual Aid "Must Carry" interoperability channels will be required to operate on the newly expanded radio network.

Replace 7 year old analog trunked LTS2000 portables and mobile radios with new Astro Digital (P25 capable) XTS2500 portables 700/800 MHz subscriber radios. Radios will have the capability to incorporate the standard ADP encryption or AES standard currently being incorporated into all DOT Airport subscriber radios. In addition to the encryption requirements, all radios will have the capability to operate on all DOT mix mode and SLEC 700 MHz trunking systems statewide. Radios will be required to incorporate specified Mutual Aid channels to be assigned.

Name of Vendor: Pacific Wireless Communications, LLC.

Cost: **\$246,016.38**

Term of Contract: From November, 15, 2007 to January 1st, 2008

Prior Sole Source Reference No. (s), if any:

The goods,, services or construction has the following unique features, characteristics, or capabilities: Pacific Wireless Communications is the only Authorized provider in the State of Hawaii of the Motorola Digital (APCO 25 capable) 800 MHz SMARTNET related Trunking Radio Communications Systems equipment and presently has a C-15 Hawaii Electronic System Contractors License. The Digital (APCO 25 capable) 800 MHz SMARTNET Trunking Repeater and proposed dispatch console is only compatible with the existing DOT Airports Division Kahului Airport's 800 MHz Motorola SMARTNET II Trunking Radio Communications Systems. The new Gold Elite Console that is replacing the old Centracom II console requires on island trained and certified technicians and installers with a minimum parts inventory of \$10,000 for future servicing. PWC is the only local vendor that is certified to provide full warranty service statewide for the integrated Motorola Gold Elite Console. Subscriber units (mobiles and portables) from any DOT Airport trunked system shall have the capability of interfacing to the Kahului airport system and the reverse is also true. The Digital (APCO 25 capable) 800 MHz SMARTNET Trunking Radio System is also compatible with DOT Highways Oahu Districts 800 MHz Island Wide radio Communication System, DPS SLEC 700 MHz Communications System and DOT

Highways Maui District 800MHz Communications System.

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its works: To be compliant with Hawaii Revised Statutes, Chapter 444 and 436B (Contractor and Professional & Vocational Licensing Law) the requested SMARTNET Digital (APCO 25 capable) 800 MHz Trunking System enhancements must be installed by a C-15 Electronics System Contractor. The Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications System upgrade allows Kahului Airport added enhancements to communicate with other agencies on a day to day basis as well as during an emergency. During emergencies, the Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Gold Elite Console, allows for maximum use of radio communications in the coordination of men and material for day to day operations as well as mission critical emergencies. In the event of a State Wide emergency the above listed state agencies will be able communicate with each other.

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because: Pacific Wireless Communications, LLC, is the only licensed contractor in Hawaii that can provide and service the 800 MHz SMARTNET Dispatch Trunking Radio Console /infrastructure enhancements which has unique characteristics and capabilities (as explained above) which are essential to meet the needs of the State of Hawaii DOT Kahului Airports Division. Pacific Wireless Communications, LLC is also the only licensed contractor that can provide a comprehensive engineering and service package to maintain all of the Kahului Airports new 800 MHz Radio Dispatch Center components and radio related equipment.

COMMUNICATION EQUIPMENT MAINTENANCE REQUIREMENTS

MINIMUM SPECIFICATIONS

The service provider shall provide all necessary services to assure the readiness of all radio communication system equipment owned and utilized by the State of Hawaii DOT Airports. A list of all equipment to be maintained will be require.

The service provider must be qualified and must have the proper equipment to repair, service and maintain all subscriber radio communication system equipment in accordance to manufacturers specifications.

The service provider shall have all special cables, extender boards, specialized test equipment, etc., necessary to perform maintenance to manufacturer specifications for that equipment under its jurisdiction.

The service provider shall own a spectrum analyzer at each service facility covering all frequency bands utilized at each station.

The service provider shall be required to have the capability, software programs, and equipment as well as test equipment to handle the programming and repairs for all computerized (programmable) radios and consoles.

The service provider shall be required to be able to calibrate all equipment and certify all repairs to insure proper operation of the equipment.

The service provider shall be factory authorized to perform warranty work on radio equipment covered under warranty. In addition, the bidder shall have a minimum of two (2) factory trained employees certified on all Motorola fixed repeater systems, for the repair and maintenance of Motorola Mobiles, Portables, deskset and consoles. Certificate of Completion for all equipment noted above must be submitted upon request.

The service provider shall have factory certified and trained engineers to service and design all JPS wireless interoperable consoles through out the State of Hawaii.

The service provider shall have a minimum of five (5) years of experience in the repairing and maintaining of Public Safety radio systems. All repairs and maintenance work performed on the radio subscriber equipment shall be done by qualified personnel, either licensed by the FCC, Federal Communication Commission. or certified by one of the various electronic programs now in existence, such as National Association of Business and Educational Radio (NABER) technician certification or Association of Public Safety Communications Officer (APCO) technician certification.

Minimum Specifications

In addition to a minimum of (10) full time FCC licensed professional maintenance technicians employed by the service provider and located permanently within the State of Hawaii, bidder must be prepared to demonstrate they have additional resources off the island, in the State of Hawaii, that may be applied during extreme emergencies, such as hurricanes, earthquakes and other natural disasters that require emergency radio equipment be repaired and systems be operational as soon after the disaster as possible. FCC, or applicable licenses), must be submitted with bid.

The service provider shall be prepared to show evidence that they have adequate technical resources to provide all subscriber maintenance, including that required on a 24-hour and/or emergency basis.

The service provider must also indicate that they have readily available, an inventory of commonly required repair and/or replacement parts typically needed to maintain the listed equipment and the necessary testing equipment, repair facilities and additional resources needed to complete all needed maintenance plus emergency services on a timely basis. The necessary replacement equipment shall include different types of batteries for the portable radio equipment.

Maintenance shall be done on all emergency response radio subscriber equipment on major islands including Islands of Maui, Molokai and Lanai. Subscriber equipment currently in use and all future purchases