

**STATE OF HAWAII
REQUEST FOR SOLE SOURCE**

06 FEB -9 8:55

TO: Chief Procurement Officer

FROM: Transportation, Airports Division
(Department/Division/Agency)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

Pursuant to Sec. 103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

Description of goods, services, or construction:
 Upgrade of existing conventional Motorola 800 Quantar repeaters to Digital (APCO 25 capable) 800 MHz Trunking Radio Communications System by adding Motorola MTC3600 Trunking controller and software. Engineering, delivery and construction of ACU1000 Interconnect System, at Lihue Airport. The new Trunking Radio Communications System upgrade will consist of one (1) controller, eight (8) portable radios, three (3) vehicular adaptors and one (1) UPS backup power system. The ACU1000 Interconnect System consists of patented modules that connect mobile and/or portable radios through software.

Name of Vendor: Pacific Wireless Communications, LLC Address: 710 Kakoi St. Honolulu, Hawaii 96819	Cost: \$332,109.33
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Terms of Contract: <i>upon CFO Approval</i>	From: Approval of Funds	To: 01 Jan 08	Prior Sole Source Reference No.:
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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 II Trunking Radio Communications Systems equipment. The Digital (APCO 25 capable) 800 MHz SMARTNET Trunking Radio Communications Equipment is compatible with the existing DOT Airports Division Honolulu International Airports (HIA), and Kalaeloa Airports 800 MHz Motorola SMARTNET II Trunking Radio Communications Systems and the Kahului Airports Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications Systems. Subscriber units (mobiles and portables) from the HIA, Kalaeloa Airport and Kahului Airport radio communication systems can be used on the Lihue airport system and the reverse is also true. See Attachment 1

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:
 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 Controller and JPS ACU1000 Interconnect system must be installed by a C-15 Electronics System Contractor. Pacific Wireless Communications has the required C-15 Hawaii Electronic System Contractors License. The Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications System allows Lihue Airports personnel to communicate with each other on a day-to-day basis for operations and maintenance purposes. During emergencies, the Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications System, allows for maximum use of radio communications in the coordination of men and material. In the event of a State Wide emergency the listed state agencies will be able communicate with each other. See Attachment 2

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:
 Pacific Wireless Communications, is the only licensed contractor in Hawaii that can provide and construct the new the 800 MHz SMARTNET Trunking Radio Communications System which has unique characteristics and/or capabilities (as explained above) which are essential to meet the needs of the State of Hawaii DOT and Airports Division.
 Pacific Wireless Communications is the only licensed contractor in Hawaii that can provide and construct the new JPS ACU1000 Interconnect system which has unique characteristics and/or capabilities (as explained above) which are essential to meet the needs of the State of Hawaii DOT.

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

I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.

[Signature] 2/7/06
 Department Head or Designee Date

Deputy Director, Airports Division
 Title (If other than Department Head)

Chief Procurement Officer's Comments:
 This approval is based on DOT's representation that only this equipment will serve their communication needs for the safety of ground personnel and for use during emergency operations. The DOT agrees with the manufacturer (letter attached) that there is only one authorized source for this product and related services.

Please ensure adherence to applicable administrative and statutory requirements.

Expenditure may be processed through a purchase order: Yes: No: . If no, a contract must be executed and funds certified.

APPROVED DISAPPROVED

[Signature] 2/17/06
 Chief Procurement Officer Date

ATTACHMENT 1

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, DOT Harbors Oahu District 800 MHz Communications System, DOT Highways Maui District 800MHz Communications System, DOT Airports Kauai District 800MHz Conventional Communications System, and DOT Highways Kauai District 800MHz SMARTNET II Communications System.

The existing Quantar repeater can only work with a Motorola Digital (APCO 25 capable) 800 MHz SMARTNET II Trunking Radio Communications Controller.

Pacific Wireless Communications is the only Authorized provider in the State of Hawaii of the JPS ACU1000 Interconnect system. The JPS ACU1000 Interconnect system is compatible with the existing DOT Airports Division (HIA) JPS ACU1000 Interconnect system. The JPS ACU1000 Interconnect system provides level four interoperability between public safety agencies during emergency operations and is the only device of this type with Department of Justice certification.

ATTACHMENT 2

During emergencies, the Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications System, allows for maximum use of radio communications in the coordination of men and material. In the event of a State Wide emergency the listed state agencies will be able communicate with each other.

The JPS ACU1000 Interconnect system provides level four connectivity (interoperability) to public safety agencies using different frequencies or radio system other than the Lihue Airport Radio Communication system. This is essential for emergency operations for the coordination of the various public safety agencies responding to mutual aid.

Telecom Request

Description

Engineer and upgrade existing 3 channel Quantar Conventional system to a Digital (APCO 25 capable) 800 MHz Trunked channel radio system for Lihue Airport. This project includes the system design and installation of 1 Trunking controller, 8 portable radios, 3 vehicular chargers, 1 UPS backup power system and one ACU1000 Interconnect System.

Justification

Lihue Airport requires a land mobile radio system for the coordination of all ground activities of personnel and equipment. The radios are required for the safety of ground personnel and will be utilized during emergency operations. All mobile and portable radios are capable of being used on the HIA, Kalaeloa Airport, and Kahului Airport 800 MHz Trunked radio communications systems. Also, the subscriber units (portables and mobiles) can be used on the State of Hawaii, Dept. of Transportation's 800 MHz Conventional radio communications systems on the Islands of Oahu and Maui. This is critical for emergencies that require mutual aid. Emergency personnel from these state agencies will be able to communicate with each other.

The JPS ACU1000 Interconnect system provides level four connectivity to public safety agencies using different frequencies or radio systems other than the Lihue Airport Radio Communication system. This is essential for emergency operations for the coordination of the various public safety agencies responding to mutual aid.

The new 800 MHz Trunked radio communications system will provide coverage for the Lihue Airport and the immediate vicinity.

The license for this system has been granted. The call sign issued for this system by the FCC is WQBR496



MOTOROLA

Ron Harman
Motorola, Inc.
1596 Manasco Circle
Folsom, CA
December 2, 2005

Rodney Hiraga
Director
Department of Transportation
869 Punchbowl Street
Honolulu, Hi 96813

Dear Mr. Hiraga,

Subject: Pacific Wireless Communications

This is to advise you that Pacific Wireless Communications continues to represent Motorola in the sales and systems integration of all its major two-way system communications products in the State of Hawaii. These products include the 700/800 MHz SmartNet, 700/800 MHz Astro Conventional, 700/800 MHz Astro Trunking and Secure two-way radio products used by the State of Hawaii. Pacific Wireless Communications LLC is the only authorized source for sales and service of the 700/800 MHz SmartNet, Astro and Secure capable two-way radio products to the State of Hawaii.

Yours truly,


Ron Harman
Motorola Sales Team Leader
Western Division