



STATE PROCUREMENT OFFICE
NOTICE & REQUEST FOR SOLE SOURCE

TO: Chief Procurement Officer

FROM: Accounting & General Services
Name of Requesting Department

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

1. Describe the goods, services, or construction to be procured.

See attached

2. Vendor/Contractor/Service Provider Name:

EF Johnson Company, 1440 Corporate Dr. Irving, TX 75038

3. Amount of Request:

approx. \$1,875,000

4. Term of contract (shall not exceed 12 months), if applicable: *Per Bob Ick*

From: 6/1/2012
~~See attached~~

To: 5/31/2013
4/18/12 2:40 pm.

5. Prior SPO-001, Sole Source (SS) No.:

6. Describe in detail the following:

a. The unique features, characteristics, or capabilities of the goods, service or construction.

See attached

b. How the unique features, characteristics or capabilities of the goods, service or construction are essential for the department to accomplish its work.

See attached

7. Describe the efforts and results in determining that this is the only vendor/contractor/service provider who can provide the goods, services or construction.

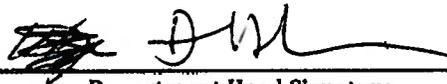
8. Alternate source. Describe the other possible sources for the goods, services; or construction that were investigated but did not meet the department's needs.
See attached

9. Identify the primary individual(s) who is knowledgeable about this request, who will conduct and manage this process, and has 1) appropriate written delegated procurement authority; 2) completed mandatory training; and 3) who SPO may contact for follow up inquiry, if any.
(Type over "example" and delete cells not used.)

Name of Department Personnel	Division/Agency	Phone Number	E-mail Address
See attached			

Department shall ensure adherence to applicable administrative and statutory requirements, including HAR chapter 3-122, Subchapter 15, Cost or Pricing Data if required.

**All requirements/approvals and internal controls for this expenditure is the responsibility of the department.
I certify that the information provided is to the best of my knowledge, true and correct.**



Department Head Signature

2-17-12

FEB 27 2012

Date

For Chief Procurement Officer Use Only

Date Notice Posted: 2/29/12

Submit written objection to this notice to issue a sole source contract within seven calendar days or as otherwise allowed from date notice posted to:

state.procurement.office@hawaii.gov

Chief Procurement Officer (CPO) Comments:

Approval is based on the department's representation that EF Johnson is the only authorized dealer to provide a turnkey expansion of the Statewide Shared Blended land mobile radio system to interconnect with the State's existing SSB mobile radio system. The department is required to conduct cost or price date pursuant to HAR 3-122-123. This approval is for the solicitation process only, HRS section 103D-310(c) and HAR section 3-122-112, shall apply (i.e. vendor is required to be posted on the Awards Reporting System. If there are any questions, please contact Kevin Takaesu at 586-0568, or kevin.s.takaesu@hawaii.gov.

Approved Disapproved No Action Required

David Fuji 3/23/12
Chief Procurement Officer Signature Date

Attachment for NOTICE & REQUEST FOR SOLE SOURCE, FORM SPO-001

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

1. Describe the goods, services, or construction to be procured.

All engineering, programming, radio and other equipment, antenna systems, hardware, installation services, testing, training, and warranty services necessary to provide a turnkey expansion of the Statewide Shared Blended (SSB) land mobile radio system that includes, but is not limited to: five P25 trunking repeater site packages that operate in the 700 MHz public safety radio band, one P25 single channel conventional repeater package that operates in the 700 MHz public safety radio band, one P25 single channel conventional repeater package that operates in the 800 MHz public safety radio band, one P25 frequency agile remote controlled base station package that connects to the system management terminal, improvements to the SSB's network control point at the Assistance Center in the Kalanimoku SOB, and miscellaneous base and mobile equipment used for system testing and management. The SSB system's base components now in service were competitively procured through RFP-CA-2908 issued by the State of Hawaii in January 2009 at a cost of \$3,263,216.00. The cost of the procurement requested herein is estimated to be approximately \$1,875,000 and shall be issued by Purchase Order(s). DAGS intends to issue a Purchase Order for approximately \$675,000 from Capitol Improvement Funds and either DAGS or the Department of Transportation (DOT) intends to issue a Purchase Order for approximately \$1,200,000 obtained from federal grant funds, depending upon an agreement to be reached between DAGS and DOT. The DAGS Information and Communication Services Division will control, manage, and maintain the installed equipment upon final acceptance. Either DAGS Public Works or DAGS Public Works and the Department of Transportation shall be the expending agencies. Incremental payment terms shall be established with the vendor.

4. Term of contract (shall not exceed 12 months), if applicable:

All work shall be completed within 270 calendar days from the date the expending agency issues a Notice To Proceed (NTP) to the vendor. Receipt of a valid Purchase Order from the State of Hawaii by the vendor shall be deemed to be equivalent to issuance of NTP with regards to the purchase described herein. Warranty coverage shall extend one calendar year after final acceptance of the turnkey expansion of the SSB land mobile radio system.

SS No. 12-050K

6. Describe in detail the following:

a. The unique features, characteristics, or capabilities of the goods, service or construction.

The turnkey system expansion of the SSB P25 standard based land mobile radio system requires the procurement of radio systems and equipment that can be interconnected with and controlled by existing SSB P25 infrastructure made and installed by EF Johnson. The SSB was designed and implemented to use the P25 Common Air Interface in its most non-vendor-specific form to permit P25 compliant subscriber equipment available from almost any vendor to be used on the system. Because key P25 standards relating to the Fixed Station Interface, the Console Subsystem Interface, and the Network Management Interface have not matured, it is not possible to purchase the system level P25 infrastructure components requested here (hill top repeaters and associated control and interconnection electronics) from disparate vendors. The repeaters, system interface and control equipment, and the firmware and software provided by EF Johnson are the only items of their type that can seamlessly integrate into and operate with the existing infrastructure elements used to interconnect, manage, provision, operate, control, monitor, and communicate on the SSB land mobile radio system. The SSB expansion requested herein can only be accomplished by purchasing equipment and the services described from EF Johnson.

b. How the unique features, characteristics or capabilities of the goods, service or construction are essential for the department to accomplish its work.

The DAGS Information and Communication Services Division (ICSD) operates the SSB system as a public safety grade land mobile radio system utility for all of the agencies of the State of Hawaii. Management of the use of the SSB is shared between the ICSD and County of Maui Police Department. State agencies served by the SSB include, but are not limited to, the Sheriffs, State Civil Defense, the Department of Land and Natural Resources, and Department of Transportation Harbors Division. As it expands, the SSB is taking the place of single agency ("stovepipe") systems, thereby providing the State of Hawaii with a unified approach to serving agency missions that relate to safety of life, health, property, and the environment. The turnkey system expansion requested here will provide coverage and capacity upgrades required to support agency missions. The EF Johnson provided SSB land mobile system provides a shared land mobile radio resource that interconnects both conventional and trunking radio infrastructure that includes radio repeaters that operate in either the 700 MHz public safety band or the 800 MHz NPSPAC public safety band. The design of the SSB system frees users from any concern regarding frequency selection; additional user interaction is only required to select the correct radio site when using the location dependent coverage available from the conventional repeater infrastructure portion of the system.

7. Describe the efforts and results in determining that this is the only vendor/contractor/service provider who can provide the goods, services or construction.

Because of the inability to purchase radio frequency subsystem equipment (repeaters, etc.) and management and control subsystem equipment from manufacturers other than EF Johnson that can and will function on the SSB, the ICSD is limited to purchasing from the SSB's Original Equipment Manufacturer. ICSD is aware of the state of the art of equipment and systems available from major land mobile radio infrastructure vendors other than EF Johnson and is unaware of any components or subsystems manufactured by other vendors that could be used in lieu of that available from EF Johnson for any portion of this procurement. The only way another vendor could provide the turnkey expansion requested would be to replace the entire existing installed and working SSB radio infrastructure as well as provide the turnkey expansion.

8. Alternate source. Describe the other possible sources for the goods, services, or construction that were investigated but did not meet the department's needs.

Although many of the individual EF Johnson equipment items are available through cooperative purchasing agreement the Western States Contracting Alliance (WSCA), the turnkey integration and installation services are not. However, the ICSD understands that WSCA pricing has been extended to the State of Hawaii for items of this purchase that are on the cooperative purchasing agreement.

9. Identify the primary individual(s) who is knowledgeable about this request, who will conduct and manage this process, and has 1) appropriate written delegated procurement authority; 2) completed mandatory training; and 3) who SPO may contact for follow up inquiry, if any.

✓	Robert Hlivak	DAGS/ICSD	808-586-1930 ext 613	Robert.J.Hlivak@hawaii.gov
✓	David Fujimoto	DAGS/ICSD	808-586-1930 ext 616	David.H.Fujimoto@hawaii.gov
✓	Sharon N. Wong	DAGS/ICSD	808-586-1920	Sharon.N.Wong@hawaii.gov
N	Marcus Rivera	DAGS/PWD	808-586-0479	marcus.r.rivera@hawaii.gov
✓	Gina Ichiyama	DAGS/PWD	808-586-0472	gina.e.ichiyama@hawaii.gov
✓	Eric Nishimoto	DAGS/PWD	808-586-0460	eric.k.nishimoto@hawaii.gov
✓	James K. Kurata	DAGS/PWD	808-586-0526	james.k.kurata@hawaii.gov

Name of Department Personnel Division/Agency Phone Number E-mail Address

Department shall ensure adherence to applicable administrative and statutory requirements, including HAR chapter 3-122, Subchapter 15, Cost or Pricing Data if required.

SS No. 12-050K