

JUSTIFICATION AND AUTHORIZATION
FOR OTHER THAN FULL AND OPEN COMPETITION

KING-FISHER COMPANY FIRE ALARM RADIO TRANSMITTER

JUSTIFICATION AND AUTHORIZATION
FOR OTHER THAN FULL AND OPEN COMPETITION
USE OF PROPRIETARY SPECIFICATIONS

WORK ORDER NO. 861119

JFY10 DPRI MAMIZU PROJECT P-J017, UTILITIES AND SITE IMPROVEMENTS, PHASE 2,
FINEGAYAN, GUAM

KING-FISHER COMPANY FIRE ALARM RADIO TRANSMITTER

1. **IDENTIFICATION.**

Naval Facilities Engineering Command, Pacific Pearl Harbor, Hawaii.

2. **NATURE OF ACTION.**

Request approval to include proprietary specifications for radio fire alarm transmitters manufactured by King-Fisher Company, inc. for WORK ORDER NO. 861119, JFY10 DPRI MAMIZU PROJECT P-J017, UTILITIES AND SITE IMPROVEMENTS, PHASE 2, FINEGAYAN, GUAM.

3. **DESCRIPTION OF SUPPLIES/SERVICES.**

The present fire alarm system employed by the Government uses a King-Fisher fire alarm radio receiver, which operates only with King-Fisher fire alarm radio transmitters. The Government needs to add five King-Fisher radio transmitters to operate with the existing King-Fisher fire alarm receiver under Work Order No. 861119, DPRI Mamizu Project P-J017, Utilities and Site Improvements, Phase 2, Finegayan, Guam. The A-E firm PPDMS (Pacific Program and Design Management Services, an Architectural-Engineering Joint Venture) has prepared a Request for Proposal (RFP) for the construction of the utilities and site improvements at the proposed Finegayan Marine Corps Base (currently known as NCTS, Finegayan). Project is to construct a substation, roadways, street lights, drainage, mass grading, and installation of various utilities to include: sewer, water, power, and communications. These utilities and mass grading of the various sites are required to support the future Mamizu and US Milcon Projects that will be sited at the proposed Finegayan Marine Corps Base. Estimated construction contract cost for this project (labor and material) is \$ [REDACTED].

4. **STATUTORY AUTHORITY.**

10 U.S.C. 2304(c)(1); only one responsible source and no other supplies or services will satisfy agency requirements (FAR 6.302-1).

5. **JUSTIFICATION FOR PROPRIETARY SPECIFICATIONS.**

This is a follow-on requirement for a major component of highly-specialized equipment where award to another source would result in substantial duplication of cost to the government that is not expected to be recovered by competition.

Five additional transmitters are required under this Solicitation. Specification Section 28 31 63.00 20, Analog/Addressable Interior Fire Alarm System, paragraph 1.6.1 requires the devices and equipment for fire alarm service to be listed by Underwriters' Laboratories Fire Protection Equipment Directory (UL Fire Prot Dir), or approved by FM Global (FM) P7825 (Approval Guide). The purpose of the UL listing or FM approval requirements is to ensure quality, suitability, and reliability of the equipment. The UL listing states that either the

JUSTIFICATION AND AUTHORIZATION
FOR OTHER THAN FULL AND OPEN COMPETITION

KING-FISHER COMPANY FIRE ALARM RADIO TRANSMITTER

equipment or material meet appropriate standards or has been tested and found suitable for use in a specified manner. New manufacturers of fire alarm systems require a minimum of two years to be UL listed and offer no assurance that their transmitters will be compatible with a King-Fisher receiver. FM Global approval is based on testing a complete fire alarm system comprised of a fire alarm receiver and transmitter. A fire alarm system of mixed manufacturers' equipment is unacceptable because no mixed system has been approved to date. Only King-Fisher fire alarm components in a King-Fisher fire alarm system are FM approved and therefore, King-Fisher transmitters are required to operate with a King-Fisher receiver. The possibility of using non-King-Fisher transmitters with a King-Fisher receiver may diminish fire protection capabilities, and therefore, endanger life and property. The requirement for King-Fisher transmitters ensures reliable fire alarm protection for the new sewer pump stations and electrical substation buildings.

6. FBO ANNOUNCEMENT/POTENTIAL SOURCES.

In accordance with FAR 5.2, a notice will be publicized to solicit information from as many sources as practicable. A synopsis for the project will be posted in the NAVFAC NECO and FBO websites on or about September 2010, under RFP No. N62742-10-R-0402.

7. DETERMINATION OF FAIR AND REASONABLE COST.

The estimated cost for the King-Fisher fire alarm radio transmitters is \$[REDACTED]. The King-Fisher fire alarm radio transmitters are commercial items subject to full and open competition.

8. DESCRIPTION OF MARKET SURVEY.

There is no other known manufacturer of fire alarm radio transmitters other than King-Fisher that could meet the requirement.

9. ANY OTHER SUPPORTING FACTS.

Installation of non-King-Fisher transmitters will have cost, operator training, and maintenance implications that will exceed the Government's minimum needs. Installation of non-King-Fisher transmitters will require purchasing of new and compatible radio receiver and any incidental work to accommodate this new radio receiver. A new radio receiver is approximately \$[REDACTED] or [REDACTED]% more than the cost of procuring King-Fisher transmitters for the new facilities. In addition, the relocation of existing equipment and upgrade of existing supporting utilities would be required to accommodate the new receiver.

Motor vehicle dispatchers are the operators of the King-Fisher receivers. The dispatchers are required to perform two years of on-the-job training to be fully qualified. A fully qualified operator on a non-King-Fisher transmitter and receiver will not be possible at the time of installation. NAVFACMAR maintenance workers are factory trained to maintain and repair existing King-Fisher transmitters and receivers. Thus, a trained NAVFACMAR worker would not be available to maintain a non-King-Fisher transmitter at the time of installation.

10. LISTING OF INTERESTED SOURCES.

Not applicable - no other known sources.

11. BARRIER TO COMPETITION.

This is a one time procurement. There will be no barriers to competition for timely award other than the limitation as to the transmitters as manufactured by King Fisher Company as discussed above.

JUSTIFICATION AND AUTHORIZATION
FOR OTHER THAN FULL AND OPEN COMPETITION

KING-FISHER COMPANY FIRE ALARM RADIO TRANSMITTER

12. STATEMENT OF DELIVERY REQUIREMENTS.

The contractor shall be required to commence work within 15 days after the notice to proceed and complete the contract within 835 days after the notice to proceed. The fire alarm radio transmitters as manufactured by King-Fisher Company will be delivered and installed within the 835 day construction time.

13. TOTAL ESTIMATED DOLLAR VALUE OF THE ACQUISITION COVERED BY THIS J&A.

The estimated cost for the fire alarm radio transmitters is \$ [REDACTED] which comprises [REDACTED] % of the total project cost of \$ [REDACTED]. Acquisition will be done using Japan Fiscal Year 2010 funds.

14. REFERENCE TO THE APPROVED ACQUISITION PLAN (AP).

Not Applicable.

15. DOCUMENTATION FOR SPARE/REPAIR PARTS ACQUISITIONS.

None will be purchased.