

**JUSTIFICATION AND APPROVAL  
FOR USE OF OTHER THAN FULL AND OPEN COMPETITION**

1. CONTRACTING ACTIVITY:

Architect-Engineer/Construction Contracts Branch, Naval Facilities Engineering Command, Pacific, Joint Base Pearl Harbor Hickam, Hawaii.

2. DESCRIPTION OF THE ACTION BEING APPROVED:

Work Order No. (WON) 862914, P-863, FY14 Aircraft Maintenance Hangar Upgrades at the Marine Corps Base Hawaii, Kaneohe, HI, will specify by brand name, optical flame detectors that are manufactured by Det-Tronics (Model X3301 Multispectrum Infrared (IR) Flame Detector).

3. DESCRIPTION OF SUPPLIES/SERVICES:

This project will renovate an existing aircraft Hangar 101 to provide for a hangar bay, administrative and shop spaces for the Marine Light Attack Helicopter (HMLA) squadron and the H-1 Integrated Maintenance Program (IMP) work spaces and incidental related work. Hangar 101 is a National Historic Landmark and renovations shall maintain the historic integrity of the facility.

~~\_\_\_\_\_~~  
\_\_\_\_\_ will be for the procurement of this item (based on the provision of 12 flame detectors at a cost of approximately \_\_\_\_\_).

4. STATUTORY AUTHORITY PERMITTING OTHER THAN FULL AND OPEN COMPETITION:

The statutory authority 10 U.S.C. 2304 (c)(1) – Only one responsible source and no other supplies or services will satisfy agency requirements.

5. RATIONALE JUSTIFYING USE OF CITED STATUTORY AUTHORITY:

Changes to NAVFAC Criteria related to the design and installation of hangar AFFF fire suppression systems (UFC 4-211-01N *Aircraft Maintenance Hangars: Type I, Type II AND Type III*) requires the provision of a specific manufacturer's flame detectors. UFC 4-211-01N §3-10.7.7.1 states: "Provide optical flame detection utilizing triple infrared (IR) flame detectors that are manufactured by Det-Tronics (X3301 Multispectrum IR Flame Detector). The detectors must be immune to radar and radio frequency emissions.

6. DESCRIPTION OF EFFORTS MADE TO SOLICIT OFFERS FROM AS MANY OFFERORS AS PRACTICABLE.

In accordance with FAR 6.302-1, an announcement was recently published on January 9, 2014 in the Federal Business Opportunities (FBO) website seeking any and all sources that could provide for a flame detector that has the same functions and requirements as a Det-Tronics flame detector

with the following requirements. This sources sought was published for P-109, however, the requirement is the exactly the same item and is recent, therefore, the information and results of the sources sought will be used for this project.

- a. Equipment shall be tested and listed by a Nationally Recognized Testing Laboratory (NRTL).
- b. Equipment shall be optical flame detector utilizing the triple infrared principal.
- c. Equipment shall be immune to radar and radio frequency emissions.
- d. Equipment shall be for detecting carbonaceous fuels.

One response was received from Mine Safety Appliances (MSA). MSA submitted product information for the MSA Flamegard 5 MSIR optical flame detector; however, the Government was unable to confirm that this product meets the requirement that the flame detector be immune to radar and radio frequency emissions. MSA was requested to confirm whether or not the detector is immune to radar and radio frequency emission and if so, to provide the product brochure and identify the specific wording to confirm this. MSA's response to the Government's request for additional information was that they "believe" the MSA Model Flamegard5 MSIR unit is immune to radar and radio frequency emissions and they would like to take the appropriate next step in the Navy qualification process to include a live product demonstration.

Based on the information submitted by MSA, the Government is unable to ascertain if the Flamegard 5 MSIR optical flame detector meets the requirement that the flame detector be immune to radar and radio frequency emissions. Therefore, the Government is also unable to ascertain if the Flamegard 5 MSIR detector meets the same requirements as a Det-Tronics detector and concludes that the Flamegard 5 MSIR detector is not a viable alternative to the Det-Tronics detector.

#### 7. DETERMINATION OF FAIR AND REASONABLE COST.

The Government's [REDACTED] for one (1) Det-Tronics detector was obtained from a published price list. An independent Government Estimate will be prepared for the entire construction project, which will include the estimated value for the Det-Tronics Flame Detector transmitter. Therefore, the price of the Det-Tronics Flame Detector will be competitively priced as construction projects have historically attracted numerous offerors. Fair and reasonable pricing will be obtained by competition.

#### 8. ACTIONS TO REMOVE BARRIERS TO FUTURE COMPETITION:

This is a one-time procurement. Although the utilization of a brand name in this project is indicated by this J&A, each future project outside of one year of this J&A that includes Det-Tronics flame detectors will conduct the same market survey to ascertain the availability of new technology that may provide for other sources to meet the Government's needs. Should any other potential sources of supply for compatible flame detectors be submitted during the source selection process, the Government will consider each as applicable.

**CERTIFICATIONS AND APPROVAL**

**TECHNICAL/REQUIREMENTS/FUNCTIONAL LEAD CERTIFICATION**

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

**APPROVING OFFICIAL (NFAS 6.304)**

Upon the basis of the above justification, I hereby approve the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 2304 (c)(1).



RALPH K. NAITO  
NAVFAC PACIFIC  
A-E/CONSTRUCTION DIVISION DIRECTOR

(808) 474-6320  
Phone No.

3/7/2014  
Date

JUSTIFICATION AND APPROVAL FOR  
USE OF OTHER THAN FULL AND OPEN COMPETITION

1. CONTRACTING ACTIVITY:

Architect-Engineer/Construction Contracts Branch, Naval Facilities Engineering Command, Pacific Division, Joint Base Pearl Harbor Hickam, Hawaii.

2. DESCRIPTION OF THE ACTION BEING APPROVED:

Work Order Number (WON) 862914, P-863, FY14 Aircraft Maintenance Hangar Upgrades at the Marine Corps Base Hawaii, Kaneohe, HI will specify by brand name a transceiver for the Eaton (formerly known as MadahCom) Mass Notification System (MNS).

3. DESCRIPTION OF SUPPLIES/SERVICES:

The Navy intends to purchase and install one Eaton transceiver. This transceiver must be tested and listed by a Nationally Recognized Testing Laboratory (NRTL), must have a self-diagnostic built-in test (BIT) that can report fault conditions and changes in monitored parameters via the internal control channel, shall be capable of delivering two channels of broadband audio and two line-level audio channels and shall be compatible with the existing Eaton equipment that is installed on base.

4. STATUTORY AUTHORITY PERMITTING OTHER THAN FULL AND OPEN COMPETITION:

The statutory authority 10 U.S.C. 2304(c)(1) - Only one responsible source and no other supplies or services will satisfy agency requirements.

5. RATIONALE JUSTIFYING USE OF CITED STATUTORY AUTHORITY:

a. The Department of Defense has mandated installation of MNS at all military facilities. Approximately four years ago a classified contract was awarded through the contracting office at Joint Program (JP) Guardian Program, Dahlgren, VA to implement this mandate. Marine Corps Base Hawaii (MCBH), through the COMNAVREG Hawaii JP Guardian contractor, installed MNS with speakers, antenna, batteries and electronic packages on Navy and Marine Corps properties on Oahu.

b. The Eaton system was selected by the JP Guardian Program contractor after careful consideration of equipment that was available commercially and equipment that was currently installed at DoD facilities. The selection of the Eaton system was accepted by the Department of Defense as the MNS provider.

6. DESCRIPTION OF EFFORTS MADE TO SOLICIT OFFERS FROM AS MANY OFFERORS AS PRACTICABLE:

In accordance with FAR 6.302-1, an announcement was published in the Federal Business Opportunities (FBO) website seeking any and all sources that can provide for a transmitter that has the same fit and function as a Eaton transceiver and that would be compatible with existing Eaton equipment located on base. No responses were received by the date and time specified for receipt. Therefore, there were no viable responses to the FBO announcement.

7. DETERMINATION OF FAIR AND REASONABLE COST:

  
An independent Government Estimate will be prepared for the construction project, which will include the estimated value for the Eaton transceivers. Therefore, the estimated price of the Eaton transceiver will be competitively priced as construction projects have historically attracted numerous offers. Fair and reasonable pricing will be obtained by competition.

8. ACTIONS TAKEN TO REMOVE BARRIERS TO FUTURE COMPETITION:

Although the utilization of a brand name in this project is indicated by this J&A, each future project outside of one year of approval of this J&A, that includes Eaton transceivers will conduct the same market survey to ascertain the availability of new technology that may provide for other sources to meet the Government's needs. Should any other offers for compatible transceivers be submitted during the source selection process, the Government will consider each as applicable.

**CERTIFICATIONS AND APPROVAL**

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

**APPROVING OFFICIAL (NFAS 6.304)**

Upon the basis of the above justification, I hereby approve the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 2304 (c)(1).



Ralph K. Naito  
NAVFAC PACIFIC  
AE/Construction Contracts Division Director

(808) 4746320  
Phone No.

3/20/2014  
Date

**JUSTIFICATION AND APPROVAL  
FOR USE OF OTHER THAN FULL AND OPEN COMPETITION**

1. CONTRACTING ACTIVITY:

Architect-Engineer/Construction Contracts Branch, Naval Facilities Engineering Command, Pacific, Joint Base Pearl Harbor Hickam, Hawaii.

2. DESCRIPTION OF THE ACTION BEING APPROVED:

Work Order No. (WON) 862914, P-863, FY14 Aircraft Maintenance Hangar Upgrades at the Marine Corps Base Hawaii, Kaneohe, HI, will specify by brand name, Viking Corporation's Viking Grate Nozzle™, Models GN 200/360, 200/180, and/or 200/090.

3. DESCRIPTION OF SUPPLIES/SERVICES:

This project will renovate an existing aircraft Hangar 101 to provide for a hangar bay, administrative and shop spaces for the Marine Light Attack Helicopter (HMLA) squadron and the H-1 Integrated Maintenance Program (IMP) work spaces and incidental related work. Hangar 101 is a National Historic Landmark and renovations shall maintain the historic integrity of the facility.

~~Estimated cost of~~  
will be for the procurement of this item (based on the provision of 54 grate nozzles at a cost of approximately ).

4. STATUTORY AUTHORITY PERMITTING OTHER THAN FULL AND OPEN COMPETITION:

The statutory authority 10 U.S.C. 2304 (c)(1) – Only one responsible source and no other supplies or services will satisfy agency requirements.

5. RATIONALE JUSTIFYING USE OF CITED STATUTORY AUTHORITY:

Changes to NAVFAC Criteria related to the design and installation of hangar AFFF fire suppression systems (UFC 4-211-01N *Aircraft Maintenance Hangars: Type I, Type II AND Type III*) requires the provision of a specific manufacturer's grate nozzle. UFC 4-211-01N §3-10.4.1 states: "Provide a low-level AFFF system utilizing the Viking Grate Nozzle™, Models GN 200/360, 200/180, or 200/090."

Currently there is only one known manufacturer of aqueous film forming foam (AFFF) grate nozzles. In the future, should another manufacturer's product meet or exceed the Navy's requirements, that manufacturer's product will be given full consideration and the need for proprietary specifications will cease to exist.

**6. DESCRIPTION OF EFFORTS MADE TO SOLICIT OFFERS FROM AS MANY OFFERORS AS PRACTICABLE.**

In accordance with FAR 6.302-1, an announcement was recently published on 9 January 2014 in the Federal Business Opportunities (FBO) website seeking any and all sources that could provide a foam grate nozzle that has the same functions and requirements as an Aqueous Film-Forming Foam (AFFF) grate nozzle with the following requirements. This sources sought was published for P-109, however, the requirement is exactly the same item and is recent, therefore, the information and the results of the sources sought will be used for this project. No responses were received.

1. Equipment shall be tested and listed by a Nationally Recognized Testing laboratory (NRTL).
2. Equipment shall be a low level Aqueous Film-Forming Foam (AFFF) discharge device with discharge pressure between 40-50 psi.
3. Equipment and supporting framework shall be capable of being embedded in trench drains and be designed for a 36,000 pound wheel load distributed over the area of the equipment.
4. Equipment shall be designed to provide uniform discharge with a maximum spacing of 50 feet by 25 feet.

**7. DETERMINATION OF FAIR AND REASONABLE COST.**

The Government's estimate cost of \$6,000 was obtained from a published price list. An independent Government Estimate will be prepared for the entire construction project, which will include the estimated value for the Viking grate nozzle. Therefore, the price for the Viking grate nozzle will be competitively priced as construction projects have historically attracted numerous offerors. Fair and reasonable pricing will be obtained by competition.

**8. ACTIONS TO REMOVE BARRIERS TO FUTURE COMPETITION:**

This is a one-time procurement. Although the utilization of a brand name in this project is indicated by this J&A, each future project outside of one year of this J&A that includes Viking grate nozzles will conduct the same market survey to ascertain the availability of new technology that may provide for other sources to meet the Government's needs. Should any other potential sources of supply for compatible flame detectors be submitted during the source selection process, the Government will consider each as applicable.

**CERTIFICATIONS AND APPROVAL**

**TECHNICAL/REQUIREMENTS/FUNCTIONAL LEAD CERTIFICATION**

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

**APPROVING OFFICIAL (NFAS 6.304)**

Upon the basis of the above justification, I hereby approve the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 2304 (c)(1).



RALPH K. NAITO  
NAVFAC PACIFIC  
A-E/CONSTRUCTION DIVISION DIRECTOR

(808) 474-6320  
Phone No.

3/7/2014  
Date

JUSTIFICATION AND APPROVAL  
FOR USE OF OTHER THAN FULL AND OPEN COMPETITION

1. CONTRACTING ACTIVITY:

Architect-Engineer/Construction Contracts Branch, Naval Facilities Engineering Command, Pacific, Joint Base Pearl Harbor Hickam, Hawaii.

2. DESCRIPTION OF THE ACTION BEING APPROVED:

Work Order No. (WON) 862914, P-863 FY14 Aircraft Maintenance Hangar Upgrades at the Marine Corps Base Hawaii, Kaneohe, Hawaii will specify King-Fisher fire alarm radio transmitters.

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 one King-Fisher fire alarm radio transmitter to operate with the existing King-Fisher fire alarm receiver under Work Order Number 862914. The project construction requires the design and installation of a complete and operable fire protection system which includes associated fire alarm systems, detectors, radio transmitters, electrical work, equipment sheds, and incidental related work. [REDACTED]

4. STATUTORY AUTHORITY PERMITTING OTHER THAN FULL AND OPEN COMPETITION:

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

5. RATIONALE JUSTIFYING USE OF CITED STATUTORY AUTHORITY:

a. The existing fire alarm system is a King-Fisher radio system. One additional King-Fisher transmitter is required under this solicitation.

b. Design specifications for Interior Fire Alarm System and Mass Notification System of the solicitation requires devices and equipment for fire alarm service that shall be listed by Underwriters Laboratories Inc. (UL), or approved by the Factory Mutual (FM) System. The purpose of the UL listing and FM approval requirements is to ensure quality, suitability, and reliability of the equipment. The UL listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner. 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 the existing King-Fisher receiver. FM Approval is based on testing a complete fire alarm system comprised of a fire alarm receiver and transmitter. A fire alarm system of mixed manufacturer 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 will diminish fire protection capabilities, and therefore, endanger life and property. The requirement for King-Fisher transmitters ensures reliable fire alarm protection for the affected buildings.

c. Installation of a non King-Fisher transmitter would require the purchase of a new radio receiver and transmitters and any incidental work to install this new radio receiver. [REDACTED]. This cost does not include the transmitters required. In addition, the relocation of the existing equipment and upgrade of the existing supporting utilities would be required to accommodate another receiver.

d. 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 of a non King-Fisher transmitter and receiver would not be possible at the time of installation.

**6. DESCRIPTION OF EFFORTS MADE TO SOLICIT OFFERS FROM AS MANY OFFERS AS PRACTICABLE.**

In accordance with FAR 6.302-1, an announcement was published in the Federal Business Opportunities (FBO) on 26 February 2014, seeking any and all sources that can provide for a transmitter that has the same fit and function as a King-Fisher transmitter and that would be compatible with existing King-Fisher equipment located on base. No responses were received. Therefore, there are no known sources that can meet the specifications for a transmitter that would be compatible with the existing King-Fisher equipment.

**7. DETERMINATION OF FAIR AND REASONABLE COST.** The Government's estimate cost of \$3,500 was derived by the use of the RS Means cost data and reference book. An independent Government Estimate will be prepared for the entire construction project, which will include the estimated value for the King-Fisher transmitter. Therefore, the price for the King-Fisher transmitter will be competitively priced as construction projects have historically attracted numerous offerors. Fair and reasonable pricing will be obtained by competition.

**8. ACTIONS TO REMOVE BARRIERS TO FUTURE COMPETITION:**

This is a one-time procurement. Although the utilization of a brand name in this project is indicated by this J&A, each future project, outside of a one year period from the date of approval of this J&A, that includes King Fisher transmitters will conduct the same market survey to ascertain the availability of new technology that may provide for other sources to meet the Government's needs. Should any other offers for compatible transmitters be submitted during the source selection process, the Government will consider each as applicable.

**CERTIFICATIONS AND APPROVAL**

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

**APPROVING OFFICIAL (NFAS 6.304)**

Upon the basis of the above justification, I hereby approve the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 2304 (c)(1).



Ralph K. Naito  
NAVFAC PACIFIC  
AE/CONSTRUCTION DIVISION DIRECTOR

(808) 474-6320  
Phone No.

3/20/2014  
Date