



DEPARTMENT OF THE NAVY
NAVAL SURFACE WARFARE CENTER
CORONA DIVISION
PO BOX 5000
CORONA, CA 92878-5000

IN REPLY REFER TO
COR No. 50,009

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

JUSTIFICATION

1. Contracting Activity

The contracting activity is the Naval Surface Warfare Center, Corona Division (NSWC COR) Acquisition Department, Major Acquisition and Contracts Division, Code CT01.

2. Description of the Action Being Approved

Award of a Firm Fixed Price contract on a sole source basis to acquire four (4) Infrared (IR) Cameras, Thermovision Ranger HRC-S Imager System in support of the Weapons Impact Scoring Set (WISS) projects. The items will be procured from FLIR Systems, 25 Esquire Road, N. Billerica, MA 01862.

3. Description of Supplies/Services

The proposed contract is for IR Cameras along with the necessary hardware for use at the WISS instrumented Air Force training ranges on Air Force Dare in North Carolina and Grand Bay Range in Georgia.

The total estimated cost of the proposed procurement is \$318,000 which is funded by Other Procurement Air Force (OPAF). The primary source of the funds is from the United States Air Force (ACC/A3AR).

The Government's minimum needs have been verified by the certifying technical and requirements personnel.

4. Statutory Authority permitting other than Full and Open Competition

10 U.S.C. 2304(c)(1), as implemented by FAR 6.302-1: Authorized or Required by Statute: Only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Authority

WISS is an electro-optical system designed to accurately measure impact location of air delivered ordnance with respect to target center. This information is then used to evaluate the pilots' performance, verify that all aircraft systems are functioning correctly, and provide locations for ordnance cleanup.

The WISS uses the video of a target area from remote cameras located in two different locations which is multiplexed to a single video stream and is then displayed on a single monitor. The operator viewing the monitor utilizes a joystick to select one impact from video originating from each remote location. Depending on the mission requirements, the WISS can use either standard color cameras (daytime missions) or IR Cameras (cold spot nighttime missions). The requirement for this procurement is for IR

Cameras to support night training missions. When the need for nighttime Weapons Impact Scoring Set (WISS) support was defined, the Scoring Systems Engineering (RS32) branch of NSWC Corona utilized a competitive contract (FY 07) to define the IR Camera System that would be used by the WISS.

The WISS Controller software code was written by RS32 engineers specifically for FLIR's IR Camera commands; no other camera brand will be compatible with the WISS. If the government were to be required to replace the IR Camera system, RS32 would have to redesign the WISS Controller software resulting in substantial cost increases and delays. Currently these cameras are being standardized across other ranges. It is estimated that it would cost the Government a minimum of twelve (12) man months (\$215,040) to test and qualify the revised WISS Controller software. Additionally, it is estimated that it will take approximately eighteen (18) months to complete this effort and field a replacement for the WISS Controller software. This would impact the immediate and on-going need to provide WISS night scoring support at Air Force Dare and Air Force Grand Bay which will impact the ability to train pilots prior to deployment.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable

A Special Notice was posted on FEDBIZOPS indicating the Governments intent to sole source this requirement to FLIR on 6 May 2013. For the reasons stated in Paragraph 5, award to any other source would result in substantial duplication of cost to the Government that is not expected to be recovered through competition.

7. Determination of Fair and reasonable Cost

The Contracting Officer will use price analysis, including historical prices from the previous contract, and comparison of commercial price list to determine that the final price to the Government is fair and reasonable. The Contracting Officer has determined that the anticipated cost to the Government for the supplies/services covered by this J&A will be fair and reasonable.

8. Actions to Remove barriers to Future Competition

For the reasons set forth in Paragraph 5, NSWC Corona has no plans at this time to compete future contracts for the type of supplies covered in this document. If another potential source emerges, NSWC Corona will assess whether competition for future requirements is feasible.

The Contracting Officer is not aware of any specific actions that would further remove barriers to competition.

TECHNICAL AND REQUIREMENTS CERTIFICATION REQUIRED BY FAR 6.303-2(b)

I certify that the facts and representations under my cognizance, which are included in this justification and its supporting acquisition planning data, including the Management and Oversight Process for the Acquisition of Services (MOPAS) Acquisition Strategy Plan, except as noted herein, are complete and accurate to the best of my knowledge and belief.

TECHNICAL COGNIZANCE:

[Redacted Signature] [Redacted Title]
[Redacted Name] Phone No. Date

REQUIREMENTS COGNIZANCE:

[Redacted Signature] [Redacted Title]
[Redacted Name] Phone No. Date

LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90)):

I have determined this justification is legally sufficient.

[Redacted Signature] [Redacted Title]
[Redacted Name] Phone No. Date

CONTRACTING OFFICER CERTIFICATION:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

[Redacted Signature] [Redacted Title] [Redacted Title]
CHARLES S. RAINWATER, [Redacted Name] Phone No. Date