JUSTIFICATION AND APPROVAL
FOR OTHER THAN FULL AND OPEN COMPETITION.

JUSTIFICATION

1. Contracting Activity:

The requiring activity is the Naval Surface Warfare Center, Corona Division (Corona NSWC), Contracts, Code 012.

2. Description of the Action Being Approved

Award of a contract for General Dynamics Ultra High Frequency (UHF)/Very High Frequency (VHF) radios for replacement of existing Combined Tactical Training Ranges (CTTR) UHF/VHF infrastructure.

3. Description of Supplies/Services.

Procure General Dynamics URC-200 (V2) UHF/VHF radios for CTTR radio infrastructure located aboard Naval Air Station (NAS) Oceana, VA, Marine Corps Air Station (MCAS) Cherry Point, NC, MCAS Beaufort, SC, NAS Key West, FL, and MCAS Yuma, AZ. Equipment will be the replacement of existing radio infrastructure. The radios will facilitate the transmission of voice communications between CTTR facilities and aircraft flying during training events.

NSWC Corona Division, FT 28 Range Systems Engineering Branch is tasked with the design and implementation of the replacement of radio infrastructure on the training ranges. The subject procurement is for General Dynamics radio equipment to replace existing radio equipment. The procurement cost is approximately $450,000 and will utilize FY12 OMN funding.

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). Only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority.

Existing CTTR radio network distribution infrastructure utilized Bosch TELEX VEGA Radio over IP (RoIP) protocol equipment. VEGA equipment is connected to existing URC-200 radio infrastructure to provide distributed radio communications with aircraft. The VEGA protocol is proprietary and was originally designed to work in conjunction with URC-200 radios, as these were the equipment installed on the training ranges at the time.

Customized cables are required to connect VEGA infrastructure to radio assets. Every radio manufactured has a custom pin out on the data connection port of the radio. CTTR currently has cables that allow for the URC-200 to be connected to VEGA hardware, but do not have cables

for the data connection to be made between other manufacturers' equipment and the VEGA infrastructure.

With the purchase of General Dynamics URC-200 radio equipment for CTTR radio infrastructure replacement, the Government will not need to redesign the radio distribution network and will be able to ensure compatibility and interoperability. The Government will be enabled to further minimize installer, operator, and maintainer training costs, as the CTTR maintenance teams will not require re-certification or additional training. The cost savings that can be realized from using this brand name are described below.

If a different radio is procured NSWC would have to either contract another company to modify existing code or modify code in house to support the new radio. In house modification of coding would take a minimum of 250-300 man hours which translates to a cost of $25-30K. If an outside engineering firm were contracted to modify code it would cost an estimated $100-150K.

The current workforce is currently trained to operate existing radio equipment. If forced to modify equipment that workforce utilizes, training would be required for maintenance and operation of equipment. Training by manufacturers costs between $10K-40K per week for on-site training events. Additionally this will entail between 24-40 hours of time for training period for a workforce of approximately 20 personnel (3 contract plus 1 government personnel per range). This would place an additional cost burden of approximately $120K.

Finally, the current radio interface units were designed specifically for the URC-200 radio. Modification of radio entails both labor and fiscal impact due to system interface and integration modifications. If different radios are procured it could necessitate procurement of specialized cables to connect between radios and infrastructure. These cables can cost up to $2K per cable to be manufactured. Depending on the radio configuration it could also entail redesigning network integration designs. This redesign will entail both contractor and government labor to complete. Based on historical projects, estimated labor would be between 50-200 hours. This modification of radio configuration could cost up to $180K.

This cost savings realized by using the brand name could range from $335K to $490K. This cost savings realized by this purchase of the brand name items justifies the use of the authority stated in paragraph 4.

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

NSWC Corona has not researched other manufacturers for this effort for the reasons stated in paragraph 5. This contract is intended to procure brand-name specific General Dynamics parts for replacement of existing radio infrastructure. There are vendors on GSA Advantage that can supply URC-200 radios and products. This procurement will be competed among the vendors on GSA Advantage to ensure the Government receives the best value. Per FAR 5.202(a)(6), this procurement is exempt from the requirement to synopsize on FEDBIZOPS.

7. Determination of Fair and Reasonable Cost.

As this procurement will be competed among contractors under the GSA MAS the Contracting Officer has determined that the anticipated cost to the Government for the supplies covered by the 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 Division has no plans at this time to compete future contacts for the types of supplies covered by this document. If another potential source emerges, NSWC Corona Division will assess whether competition for future requirements is feasible.

COR NO. 50,105
CM012.KAM

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

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

TECHNICAL COGNIZANCE:

[redacted]

[redacted] Phone No. Date

REQUIREMENTS COGNIZANCE:

[redacted]

[redacted] Phone No. Date

LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90)):

I have determined this justification is legally sufficient.

[redacted]

[redacted] Phone No. Date

CONTRACTING OFFICER CERTIFICATION: (FAR 6.303-2(a)(12))

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

[redacted] 30 August 2012

CHARLES RAINWATER, [redacted] Date