



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

COR NO. 50,011
CM012.DLD

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

JUSTIFICATION

1. Contracting Activity

The requiring activity is the Naval Surface Warfare Center, Port Hueneme Division (NSWC, PHD) Acquisition Division, Code 012.

2. Description of the Action Being Approved

Award of a contract on a sole source basis for the purchase of Wyle G2 PBO OMEGA IRIG 106-09 Chapter 10 compliant telemetry recorders and PCM Simulator (PSIM) Cards, for the Naval Surface Warfare Center (NSWC), Corona Division. The specific company utilized for this service is WYLE Laboratories, Inc. Telemetry and Data Systems, 44417 Pecan Court, California, MD. 20619-3272. The J&A shall be effective from the date of approval to the end of the contract term.

3. Description of Supplies/Services

NSWC, Corona requires the Wyle G2 PBO OMEGA and PCM SIMULATOR (PSIM) cards to support the Naval Integrated Fire Control – Counter Air (NIFC-CA) and STANDARD MISSILE 6 (SM-6) projects. Each system consists of three G2 PBO OMEGA units and two Wyle THICK Clients. The G2 PBO OMEGA is an IRIG 106-09 Chapter 10 compliant telemetry (TM) recorder/best data engine/software decommutator. The PSIM encoder cards are a component of the THICK Client - a computer with Wyle THICK Client Software Suite and PSIM encoder Card. The G2 PBO OMEGA and PSIM/THICK Client are integral components of our portable ADVANCED TELEMETRY SYSTEM – CLASSIFIED/UNCLASSIFIED (ATS-C/U). The system is used to redundantly record live telemetry streams from the missile/s. The data from multiple collection sites in a Range is fused to generate a best source stream using the integrated Best Data Engine (BDE). The best source data is then decommutated and scaled on one G2 for realtime and post-mission performance analysis. The two other G2s process data and send it in parallel to two THICK Clients for further processing using a Wyle proprietary Ethernet protocol. The data is then encoded using the PSIM cards to generate Transistor–Transistor Logic (TTL) signals which are routed to Range Safety for realtime assessment. There is a requirement to have enough systems to support concurrent missions at several Ranges - White Sands Missile Range, NAVAIR Point Mugu Test Center and Pacific Missile Range Facility. This additional equipment is necessary to meet that requirement. This system will be used to record and process live missile TM data for NIFC-CA and SM6 events scheduled for the next several years. The TM data is used in the performance and readiness assessment of Fleet combat systems. The cost for this procurement is estimated to be \$649,000.

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

The statutory authority permitting other than full and open competition applies to this procurement, because:

- a) The Wyle G2 PBO OMEGA (IMUX-G2-120322) and accessories are a proprietary component manufactured solely by Wyle. The Wyle G2 PBO OMEGA (IMUX-G2-120322) in accordance with required configuration management considerations and meets the requirements of 100% form, fit, and function as a component of ADVANCED TELEMETRY SYSTEM – CLASSIFIED/UNCLASSIFIED (ATS-C/U).
- b) The Wyle G2 PBO OMEGA (IMUX-G2-120322) and PSIM Boards (PSIM-200-001) are being procured to augment a data processing system consisting of like equipment. The Wyle equipment is a key piece of our system. It is the only equipment with this type of function approved under our information assurance (IA) certification. Any other equipment would invalidate our current certification. Recertification lead-times would not meet the schedule requirements of our mission.

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

A market research was conducted to locate same or similar replacement parts/components compatible with the existing equipment. Wideband Systems, Inc. and Zodiac Data Systems were other brands researched. The equipment is similar in nature, but not compatible with the existing equipment in regards to form fit and function. No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5 above, for any company other than WYLE to provide the equipment.

7. Determination of Fair and Reasonable Costs

The Contracting Officer has determined that the anticipated cost to the Government for the equipment 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 contracts for this type of equipment covered by this document. If another potential source emerges, NSWC Corona Division will assess whether competition for future requirements is feasible.

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

I certify the facts and representations under my cognizance which 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:

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

[Redacted] 7/31/12

CHARLES S. RAINWATER,
Contracting Officer, Code 012

Phone No. Date