



**DEPARTMENT OF THE NAVY**  
 NAVAL AIR WARFARE CENTER WEAPONS DIVISION  
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IN REPLY REFER TO  
 SA 13 23274

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

1. Contracting Activity.

Naval Air Warfare Center Weapons Division (NAWC-WD) - China Lake, CA

2. Description of the Action Being Approved.

This justification and approval authorizes and approves on a sole source basis a contract to Glenair, Glendale, California, providing 80 sets of three cable assemblies and 100 sets of two other cable assemblies. Delivery of these items will sustain the building of AN/DKT-89 Telemeters by Airborne Instrumentation Systems Division (5.2.J) at NAWCWD, CA. The Telemeters are needed in order to build test missiles that enable development testing of, operational testing of, and training with AIM-9X air to air missiles in support of activities by the Sidewinder Technical Project Office (4.7) at NAWCWD China Lake, CA and Program Manager Air 259 (TPM259) at NAWCAD Patuxent River, MD.

3. Description of Supplies/Services.

The cable assemblies are used to connect printed circuit boards within the AN/DKT-89 Telemeter. The project requires production of 5 different cable assemblies. In order to meet the AIM-9X requirements, the NAWCWD Airborne Instrumentation Division must purchase the following Glenair products; cable assembly p/n 897-029 (100 each), cable assembly p/n 897-030 (100 each), cable assembly p/n 897-031 (80 each), cable assembly p/n 987-033 (80 each), and cable assembly p/n 897-034 (80each). Based on previous purchases these cable assemblies are estimated to cost a total \$232,232. The quantities include NAWCWD estimated scrap rate. Funding is provided

REDACTED

See Appendix A for Estimated Dollar Value

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 government would experience a substantial duplication of cost that is not expected to be recovered through competition if these items are manufactured by a company other than Glenair.

Five cable assemblies are used in each system. Each of the five cable assemblies used in the production of the AN/DKT-89 Telemeters is priced at a few hundred dollars each and adds up to approximately \$2,410 per telemeter. The Airborne Instrumentation Systems Division (5.2.J) at NAWCWD, CA produces one lot of telemeters per year for the AIM-9X customer. Each lot utilizes around 100 cable assemblies, including the scrap rate for a total lot cost of \$241,000. Utilizing a different manufacturer's cable assemblies would require a complete re-qualification of the AN/DKT-89 Telemeter. The current AN/DKT-89 Telemeter was qualified in December 2012 using the Glenair cable assemblies. The government estimates the cost, based on an actual qualification testing conducted in December 2012, to build 3 telemeter units for testing to cost \$145,000, labor and materials and the cost of conducting functional and environmental qualification testing to cost \$245,000, including labor and materials. The nominal total cost to do the re-qualification is \$390,000 or \$3,900 amortized over the 100 cable assembly units. Competition would have to reduce the cost of cable assemblies by at least \$390,000 or \$3,900 per cable assembly, which is impossible because the estimated cost of the Glenair cable assemblies is \$2,320 per cable assembly unit.

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

Market research was not conducted because if the government changed vendors there would be a substantial duplication of cost that is not expected to be recovered through competition. See 5.

7. Determination of Fair and Reasonable Cost.

The negotiation and establishment of a fair and reasonable price will be conducted in accordance with FAR 15.4. As stated in FAR 15.402, the Contracting Officer shall purchase all supplies and services at a fair and reasonable price. Based upon historical cost data from previous purchases of same or similar items, the Contracting Officer has adequate information and background to determine a fair and reasonable price.

8. Actions to Remove Barriers to Future Competition.

For the reasons set forth in Paragraph 5, (contracting activity) has no plans at this time to compete future contacts for the types of supplies/services covered by this document. If another potential source emerges, (contracting activity) will assess whether competition for future requirements is feasible.

**Appendix A****Estimated Dollar Value In Thousands**

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Total
REDACTED	232	0	0	0	0	0	0	232
Total	232	0	0	0	0	0	0	\$ 232 k