



**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 (J&A) authorizes and approves a modification to the ordering period for contract N68936-10-D-0012. The current ordering period is for 36 months (12 January 2010 to 31 December 2012). This modification will extend the end date of the ordering period through 31 December 2014, for a total period of performance of 60 months without a corresponding increase in the estimated cost of the contract or level of effort hours.

3. Description of Supplies/Services.

Contract N68936-10-D-0012 provides support to the Naval Air Warfare Center Weapons Division (NAWCWD) for the operation and maintenance (O&M) of the super skimming sea target (SSST), GQM-163A at Point Mugu, San Nicolas Island (SNI), CA, and Pacific Missile Range Facility (PMRF), Barking Sands, Kauai, Hawaii. This support includes defined O&M activities for GQM-163A aerial target systems required to ensure that the US Navy weapons system test, evaluation and development tests are adequately supported.

The GQM-163A is a non-recoverable, supersonic aerial target, capable of speeds of Mach 2 or greater and altitudes from 13.0 to 66.0 feet (absolute). The SSST System is capable of meeting the Anti-Ship Cruise Missile (ASCM) threat simulation requirements for Test and Evaluation (T&E) of weapon systems. It is used to simulate ASCM in the low supersonic performance regime and is used primarily for ASCM in the low supersonic performance regime and is used primarily for special Test and Evaluation requirements.

Contract N68936-10-D-0012 was awarded on a sole source basis to Orbital Sciences Corporation (ORB) with a total level of effort (LOE) of 78,966 hours valued at \$10,446,821. The LOE for this contract was based on an estimate to support 10 GQM-163A targets operations at SNI and PMRF per year. For each launch, the contractor is required to prepare a primary and a back-up target.

This work will employ disciplines embracing various types of system operations, field testing, target operations and support services. ORB provides support for all target operations including: preventive maintenance, depot maintenance, pre-operation planning, launch operations, post-operations, documentation and training. A target operation includes the preparation of both primary and backup targets for single and dual target launches.

To date \$4,835,561 cost and 35,983 hours have been ordered, leaving an available balance of \$5,611,260 and 42,983 hours.

While there is sufficient remaining cost and LOE on the current contract to cover the extended ordering period, the value of the work to be performed in the extension period is \$5,611,260.

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.

In accordance with 6.302-1(b)(1)(i), only ORB possesses the unique capability and expertise that can satisfy the minimum needs of the government.

As the sole designer, developer, manufacturer and O&M service provider, ORB is the only firm possessing the requisite knowledge of the GQM-163A targets data with access to the developmental changes necessary for O&M target operations and updates and who can configure, prepare, and operate the target during the target operation.

In June 2000, contract N00019-00-C-0255 was competitively awarded by the Naval Air Systems Command for PMA 208 to ORB for the development of the GQM-163A SSST. Since that time, a follow-on contract, N00019-10-G-0010, was awarded to ORB for the continued production of processes and drawings for the ongoing development of the GQM-163A target as well as delivery of those targets.

The requirement under the current contract, N68936-10-D-0012, is to provide support for the target operations and maintenance as described in paragraph 3 above to targets delivered under the N00019-00-C-0255 contract being used for testing at Point Mugu, SNI and PMRF as well as those developed under contract N00019-10-G-0010. Utilizing ORB for both the development and O&M of the target capitalizes on the knowledge and expertise of ORB and ensures continuity between the development and operation of the target. When this contract was awarded to ORB, the Government estimated support for up to 10 launches

per year. During the performance of the contract, however, the actual number of launches that took place was less than estimated due to programmatic reasons. As a result, the contract has sufficient level of effort and estimated cost to cover the extended ordering period.

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

In accordance with FAR 5.201(b)(1), this requirement was synopsised via the Federal Business Opportunities website on 3/29/2012. No responses or inquiries have been received. Any future responses will be evaluated by the Contracting Officer. A formal market survey was not performed since ORB is the only prime contractor for the GQM-163A SSST. As the development continues under contract N00019-10-G-0010 through 06 September 2015 and as targets are being delivered, testing will continue to be required as well as analysis of the data collected.

7. Determination of Fair and Reasonable Cost.

In accordance with FAR 15.402(a), the Contracting Officer determined the cost of the supplies/services covered by this J&A to be fair and reasonable on the basic contract as this effort does not exceed the current ceiling. The Contracting Officer will utilize cost and price analysis based on historical data as well as input from the Defense Contract Management Agency and Defense Audit Agency as the basis for negotiating a fair and reasonable price for each task order.

8. Actions to Remove Barriers to Future Competition.

None at this time. Based on the rationale identified in paragraph 5, the efforts under this J&A are sole source to ORB.

Appendix A

Estimated Dollar Value In Thousands

	FY13	FY14	FY15	FY15	FY16		Total
SCN	Ex (b)2 high						5611
Total	Ex (b)2 high						\$5611k