

**STATEMENT OF WORK  
FOR THE  
SUPERSONIC SEA SKIMMING TARGET (SSST)  
SYSTEM (GQM-163A)  
PRODUCTION SUPPORT**

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## ACRONYM LIST

ACO Administrative Contracting Officer.....	5
APML Assistant Program Manager for Logistics .....	8
ASSIST Acquisition Streamlining and Standardization Information System .....	1
CDRL Contract Data Requirements List .....	4
CIs Configured Items .....	6
CITIS Contractor Integrated Technical Information Service .....	7
CM Configuration Management .....	6
CSA Configuration Status Accounting.....	6
DAL Data Accession List .....	7
DM Data Management.....	7
ECP Engineering Change Proposal .....	6
EI Engineering Investigation .....	6
EMD Engineering, Manufacturing & Design.....	4
HMC&M Hazardous Material Control and Management .....	8
ICD Interface Control Drawings.....	6
IPT Integrated Product Team.....	8
ISP Integrated Support Plan.....	8
NAVAIR Naval Air Systems Command .....	1
OPSEC Operations Security .....	4
PCO Procuring Contracting Officer.....	1
SOW Statement of Work .....	1
SSPP Systems Safety Program Plan .....	5
SSST Supersonic Sea Skimming Target.....	2

## **1.0 SCOPE**

This Statement of Work (SOW) requires all production support for the GQM-163A program necessary to manufacture and deliver the requirements and other associated efforts under the Contract.

### **1.1 Ground Rules and Assumptions**

- 1.1.1 This SOW requires all necessary Production Support, including, but not limited to, Program Management and Engineering Support for all Contractor efforts in support of FRP-7 on the GQM-163A program.
- 1.1.2 Post-delivery (DD250) GQM-163A Mission Planning and Launch Operations are not included herein as those mission specific/unique support efforts would be covered under separate contract and SOW in the event that the Government elects to contract for these.

## **2.0 APPLICABLE DOCUMENTS**

### **2.1 General**

This SOW is established as a Tier Zero document. All documents referenced herein establish Tier One and must be met. Documents cited in Tier One references shall be used for guidance only. Documents cited for "guidance" are not mandatory; but identify one possible solution that may meet the performance requirements.

### **2.2 Government Documents**

#### **2.2.1 Specifications, Standards, Handbooks, and Other Documents**

The following specifications, standards, handbooks, and other documents form a part of this SOW and attached appendices to the extent specified herein. For those documents that are located online at the Acquisition Streamlining and Standardization Information System (ASSIST), the latest issues of those documents and supplements thereto, in effect at release of the solicitation (which was 27 February 2013) apply unless specified otherwise. The ASSIST online database may be accessed at [http://www.assistdocs.com/search/search\\_basic.cfm](http://www.assistdocs.com/search/search_basic.cfm).

For documents not in ASSIST, the version in effect on 27 February 2013 also applies. However, the Contractor shall adhere to updates to Tier One documents unless the change impacts the target vehicle configuration, deliveries, or equipment, as identified in this SOW, or cost. In that case the Contractor shall not incorporate the update without notice to the Contracting Officer (PCO) and written authorization from the PCO.

#### **2.2.1.1 SPECIFICATIONS**

Department of Defense/Naval Air Systems Command (NAVAIR)

NAVAIR 01-1A-75 Airborne Weapons and Associated Equipment,  
Consumable Material Applications and Hazardous  
Material Authorized Use List

NAVAIRINST 5000.21 Naval SysCom Risk Management Policy

NAVAIRINST 4130.1 NAVAL Air Systems Command Configuration  
Management Process

GQM-163A Program

AS-9208 Performance Specification for the Supersonic Sea  
Skimming Target (SSST) System Rev A 25 July  
2011

RCC-DOCUMENT-319-07 Flight Termination Systems Commonality  
[T-GQM-163A] Standard, Range Commanders Council, Range  
Safety Group

**2.2.1.2 STANDARDS**

Federal

FED-STD-313 Material Safety Data, Transportation Data and  
Disposal Data for Hazardous Materials Furnished to  
Government Activities

FAR Subpart 4.4 Safeguarding Classified Information Within  
Industry

PL 100-235 Computer Security Act of 1987

Department of Defense

MIL-STD-882 Standard Practice for System Safety

DoD Manual 5220.22-M National Industrial Security Program Operating  
Manual

OPNAVINST 3432.1A Operations Security

**2.2.1.3**

**OTHER GOVERNMENT DOCUMENTS**

CMP-120800 Rev C                      Aerial Target and Decoy Systems Configuration Management Plan

National Security Decision              National Operations Security Program  
Directive 298

**2.3**

**Contractor/Industry Part Numbers and Documents**

ISO 9001:2000                              Quality Management Systems-Requirements

AS9100 Rev B                                Quality Management System (QMS) Standard



**3.0 DETAILED REQUIREMENTS**

**3.1 Production Support**

**3.1.1 Program Management**

**3.1.1.1 Planning and Coordination**

The Contractor shall plan, organize, control, coordinate, and oversee all Contractor management and reporting activities related to the execution of this SOW as documented in [REDACTED]

[REDACTED] This includes functional support such as program office support, finance, program control, scheduling, contracting, support of Class I ECPs, etc. Support of Class I ECPs includes notification by the Contractor of the need to resolve any FRP-7 production issues. This notification would request authorization to pursue a formal Class I ECP. The Contractor shall provide a basis for program planning and status reporting of program data, visibility of data deliveries, and a historical record of submittal. There is no requirement for detailed Earned Value Management (EVM) cost reporting or the associated

management activities. The Contractor shall coordinate all program management functions and issues with the Navy designated representative(s).

### **3.1.1.2 Management Activities**

The Contractor shall revise the GQM-163A management system and organization structure established during the FRP-7 GQM-163A program to date, as required. These revisions should be based on continuing to provide the necessary ability to plan, organize, control, coordinate, and oversee all Contractor activities and should result in a reduced level of support commensurate with program maturity. The Contractor shall provide Operations Security (OPSEC) protection for all classified information (as defined in FAR Subpart 4.4); and sensitive information (as defined by Section 3 (d) of PL 100-235 (101 Stat 1727)). Use DOD Manual 5220 22M for security police, procedures and requirements for classified information; OPNAVINST 3432.1 Operations Security and National Security Decision Directive 298 for concept of OPSEC; and DFARS clause 252.239-7016 for application of telecommunicator's security framework. The Contractor shall update and maintain the [REDACTED] as necessary to meet OPSEC requirements. The Contractor shall provide hardware/software Contract Data Requirements List (CDRL) delivery status, and cost data on a quarterly basis. The Contractor shall support bi-weekly (i.e., every other week) status teleconferences.

*A001 Operations Security (OPSEC) Plan*

*A002 Contractor's Progress, Status, and Management Report*

### **3.1.2 Engineering Support**

The Contractor shall provide engineering support to plan, coordinate, implement, and oversee all activities and tasks relating to the execution of this SOW to include IPT meetings, support of system engineering technical reviews if any and ECPs, Risk Management, Range Safety, System Safety and Quality Systems.

#### **3.1.2.1 Integrated Product Team Meetings**

The Contractor shall provide support for product team meetings as required. The meeting objective and topics for discussion for each Product Team Meeting will be coordinated between the Government and Contractor. The Contractor shall support the meetings with appropriate technical personnel to accomplish the meeting objectives. These meetings may include, risk assessment meetings, product configuration meetings, product cost reduction meetings, etc. The Contractor shall participate in Government hosted bi-weekly team telecons.

*A003 Presentation Material*

#### **3.1.2.2 Risk Management**

The Contractor shall conduct programmatic risk assessments and follow a risk management process in accordance with processes developed during the Engineering, Manufacturing & Design (EMD) phase of this program and NAVAIR instruction 5000.21. The Contractor shall revise, maintain, and deliver the Risk Management Plan. This shall include, but not be limited to, identifying

and submitting process, schedule, design, technical, logistics, operations, and production risks. The Contractor shall support PMA-208 Risk Management Reviews/Risk Board Meetings via teleconferences estimated at quarterly wherein risks, status and mitigation will be discussed.

***A004 Contractor's Risk Management Plan***

**3.1.2.3**

**Range Safety**

The Contractor shall provide data to support Government Range Safety processes. The Contractor shall maintain range safety approvals, data, and cognizance and documentation of waivers. With concurrence from the PCO or Administrative Contracting Officer (ACO), the Contractor shall provide additional data to support the Government range safety working group. The Contractor shall provide support of Government range safety deviation / waiver approval requests. Refer to RCC-DOCUMENT-319-07 [T-GQM-163A] document as guidance.

***A005 Range Safety Data***

**3.1.2.4**

**Systems Safety**

The Contractor shall provide a systems safety assessment capability on an "as requested by the Government" basis. The Contractor shall revise, maintain, and deliver the Systems Safety Program Plan (SSPP) [REDACTED] in accordance with MIL-STD-882 and as required to reflect the safety processes employed by the program.

***A006 System Safety Program Plan (SSPP)***

**3.1.2.5**

**Quality System**

The Contractor shall establish, document and maintain an effective quality system to ensure product and process integrity, using ISO 9001:2000 and AS9100 Rev B as a model. The supplier shall document the quality system program in a Quality Manual. The Quality Manual shall include and make reference to quality system procedures, and outline the structure of the documentation used in the quality system. Quality requirements flowed-down to GQM-163A suppliers will be commensurate with the degree of complexity and the critical application of the services and/or products provided—this will also be documented in the Quality Manual. Inspection and test procedure approval shall include all major GQM-163A suppliers, down to the assembly module level. Quality Assurance requirements for deliverable software shall also be documented in the Quality Manual. The Quality System shall include an effective quality management system for deliverable software to ensure product and process integrity, consistent with the requirements of ISO 9001:2000 and AS9100 Rev B.

***A007 GQM-163A Program Quality Manual***

**3.1.2.6**

**Production Investigations**

The Contractor shall investigate and propose resolution for systemic anomalies discovered during FRP-7 production as required... If the investigation exceeds two (2) calendar months, the Contractor shall obtain concurrence from the PCO/ACO before continuing. The Contractor shall investigate and propose



resolution for anomalies that occur with respect to FRP-7. This does not include formal Navy mishap investigations, post production engineering investigations, or latent defects as identified by the PCO. The Contractor shall prepare for (to include: agenda, meeting material and minutes) and conduct anomaly specific telecons estimated to occur weekly. Use NAVAIRINST 4130.1 for guidance.

**A008 Engineering Change Proposal**

**A009 Meeting Agenda**

**A00A Meeting Minutes**

**A003 Presentation Material**

### **3.2**

#### **Configuration Management**

##### **3.2.1**

##### **Planning and Coordination**

The Contractor shall support Government configuration management (CM) of the GQM-163A system in accordance with PMA-208 CMP-120800, Rev. C. Use TM-14168 Configuration Management Standard as a reference.

The Contractor shall ensure that any and all changes made to the target system or its underlying document or processes under the CM process are done in accordance with the requirements set forth in AS-9208. The Contractor shall revise, maintain, and deliver its CM plan [REDACTED] as necessary to define the Contractor CM process (for both hardware and software) and its relationship with the Government CM process. As part of the CM process the Contractor shall maintain all assembly drawings, interface control drawings, source control drawings for the Configured Items (CI) s, and software version descriptions for the target vehicle and Target System procured herein. The Contractor shall revise, maintain, and deliver work packages as required to reflect the current status of the GQM-163A program. The Contractor shall support the Navy Engineering Change Proposal (ECP) process with Orbital Engineering Change Requests and supporting ECP data. This data shall include all updated CI assembly drawings, Interface Control Drawings (ICDs), source control drawings, work packages, and all US Government Class 1 and Class 2 ECP data. Implementation of any identified ECPs into the hardware items is not included in this effort.

**A00B Revised Work Package**

**A008 Engineering Change Proposal**

**A00C Product Drawings and Associated Lists**

**A00D Interface Control Drawings and Documents**

**A00E Contractor's Configuration Management Plan**

##### **3.2.2**

##### **Configuration Status Accounting**

The Contractor shall maintain an automated Configuration Status Accounting (CSA) program in accordance with the Government approved Contractor's CM Plan and [REDACTED]. The Contractor shall be responsible for establishing and maintaining baseline listings, which represent the approved design configuration for the GQM-163A plus all approved changes. The Contractor shall ensure that production baseline listings reflect the latest configuration identification on documentation required to procure, manufacture,

assemble, test, and inspect hardware. Use [REDACTED]  
[REDACTED] as guidance.

***A00F Configuration Status Accounting Information***

**3.3**

**Data Management**

**3.3.1**

**Planning and Coordination**

The Contractor shall update, deliver, and maintain the Data Management (DM) Program and automatic data tracking system in accordance with the Government approved DM Plan. The Contractor shall provide full disclosure of all data applicable to the GQM-163A System program, including data provided by the Contractor under previous contracts, and data obtained through Sub-Contractors. The Contractor shall update the GQM-163A System data listing, including previous contract data and Sub-Contractor data. This GQM-163A System data listing will be part of the product baseline. The Contractor shall maintain and provide a current Data Accession List (DAL). The Contractor shall provide the Government full access to the DAL via CITIS. Data shall be marked in accordance with Defense Federal Acquisition Regulation (DFARS) 227 and, as such, shall be unmarked when rights are Unlimited/Unrestricted and marked with, for example, Government Purpose Rights (GPR) if funded with a mix of Government and private funds, Restricted/Limited, etc. The Contractor shall provide a list of data claimed to be proprietary to the Contractor. The Contractor shall support the Government investigation into "rights in data" determinations and identify all proprietary data, including those of Sub-Contractors. The Contractor shall update the data list of sole source vendors for hardware and software provided to the Government under previous contracts (i.e. FRP-3, FRP 4, etc.).

***A00G Data Accession List***

***A00H Data Management Plan***

***A00J Updated Source/Vendor List***

**3.3.2**

**Data Repository**

The Contractor shall maintain GQM-163A System data for use by the Government through its Contractor Integrated Technical Information Service (CITIS) or Government compatible technical information system equivalent established during the EMD phase. The Contractor shall provide the Government full access to the data repository to allow assessment of the GQM-163A System program. The data repository shall include all GQM-163A System Contractor generated data (i.e. analyses, drawings, test plans, test reports, CDRLs, schedules, meeting minutes, weight and balance information, etc.). All GQM-163A System program and technical data shall be entered into the data repository no later than thirty (30) calendar days after completion of the analysis, test, qualification, verification or reporting period, etc.

**3.4 Hazardous Material Control and Management**

**3.4.1 Hazardous Material Control and Management Program**

The Contractor shall maintain a Hazardous Material Control and Management (HMC&M) program in accordance with the Government approved Integrated Support Plan (ISP).

**3.4.2 Hazardous Materials**

The Contractor shall identify all hazardous materials to be used during production, if any, among repairable and consumable items, and update Material Safety Data Sheets in accordance with FED-STD-313. When any hazardous materials are to be shipped, the Contractor shall notify the local destination safety officers, the NAVAIR Assistant Program Manager for Logistics (APML), and the IPT Systems Safety POC thirty (30) working days prior to shipment.

*A00K Material Safety Data Sheets*

**3.4.3 Consumable/Hazardous Materials Selection**

The Contractor shall use consumable/hazardous material authorized as specified in NAVAIR 01-1A-75 where non-hazardous substitutes are not suitable. The Contractor shall recommend only those materials specified for use in NAVAIR-01-1A-75 for the creation, revision, updating or modification of drawings, maintenance plans, specifications or any other documentation that requires the use of consumable/hazardous materials.

**3.4.4 Consumable/Hazardous Material Use Approval**

The Contractor shall use consumable/hazardous material authorized for use in NAVAIR 01-1A-75. If the Contractor selects a consumable/hazardous material not listed in NAVAIR 01-1A-75, the Contractor must submit a Request for Consumable/Hazardous Material Approval for Government approval prior to its use.

*A00L Request for Consumable/Hazardous Material Approval*

**Exhibit A. CDRL TABLE**

The following CDRLs are required per this Statement of Work.

<b>A001</b>	<b>Operations Security (OPSEC) Plan .....</b>	<b>4</b>
<b>A002</b>	<b>Contractor's Progress, Status, and Management Report .....</b>	<b>4</b>
<b>A003</b>	<b>Presentation Material .....</b>	<b>4</b>
<b>A004</b>	<b>Contractor's Risk Management Plan.....</b>	<b>5</b>
<b>A005</b>	<b>Range Safety Data.....</b>	<b>5</b>
<b>A006</b>	<b>System Safety Program Plan (SSPP).....</b>	<b>5</b>
<b>A007</b>	<b>GQM-163A Program Quality Manual.....</b>	<b>5</b>
<b>A008</b>	<b>Engineering Change Proposal .....</b>	<b>6</b>
<b>A009</b>	<b>Meeting Agenda .....</b>	<b>6</b>
<b>A00A</b>	<b>Meeting Minutes.....</b>	<b>6</b>
<b>A003</b>	<b>Presentation Material .....</b>	<b>6</b>
<b>A00B</b>	<b>Revised Work Package.....</b>	<b>6</b>
<b>A008</b>	<b>Engineering Change Proposal .....</b>	<b>6</b>
<b>A00C</b>	<b>Product Drawings and Associated Lists .....</b>	<b>6</b>
<b>A00D</b>	<b>Interface Control Drawings and Documents.....</b>	<b>6</b>
<b>A00E</b>	<b>Contractor's Configuration Management Plan .....</b>	<b>6</b>
<b>A00F</b>	<b>Configuration Status Accounting Information .....</b>	<b>7</b>
<b>A00G</b>	<b>Data Accession List.....</b>	<b>7</b>
<b>A00H</b>	<b>Data Management Plan .....</b>	<b>7</b>
<b>A00J</b>	<b>Updated Source/Vendor List .....</b>	<b>7</b>
<b>A00K</b>	<b>Material Safety Data Sheets.....</b>	<b>8</b>
<b>A00L</b>	<b>Request for Consumable/Hazardous Material Approval .....</b>	<b>8</b>

For clarity "A00I" (Alpha - Zero - Zero - India) and "A00O" (Alpha - Zero - Zero - Oscar) are not used.