STATEMENT OF WORK

FOR THE

SUPersonic SEA SKimming TARGET (SSST)

SYSTEM (GQM-163A)

PRODUCTION SUPPORT

31 July 2013

Prepared by:

PROGRAM EXECUTIVE OFFICER
UNMANNED AVIATION AND STRIKE WEAPONS (PEO U&W)
AERIAL TARGET AND DECOY SYSTEMS PROGRAM OFFICE (PMA-208)
48195 SHAW ROAD
BUILDING 2807
PATUXENT RIVER MD 20670-1547
# TABLE OF CONTENTS

1.0 **SCOPE** ...................................................................................................................... 1
1.1 Ground Rules and Assumptions .................................................................................... 1

2.0 **APPLICABLE DOCUMENTS** ..................................................................................... 1
2.1 General .......................................................................................................................... 1
2.2 Government Documents .............................................................................................. 1
2.2.1 Specifications, Standards, Handbooks, and Other Documents .................................. 1
2.2.1.1 SPECIFICATIONS .......................................................................................... 1
2.2.1.2 STANDARDS .................................................................................................. 2
2.2.1.3 OTHER GOVERNMENT DOCUMENTS ............................................................ 3
2.3 Contractor/Industry Part Numbers and Documents ....................................................... 3

3.0 **DETAILED REQUIREMENTS** .................................................................................... 3
3.1 Production Support ........................................................................................................ 3
3.1.1 Program Management .............................................................................................. 3
3.1.1.1 Planning and Coordination ............................................................................. 3
3.1.1.2 Management Activities .................................................................................. 4
3.1.2 Engineering Support ............................................................................................... 4
3.1.2.1 Integrated Product Team Meetings ................................................................. 4
3.1.2.2 Risk Management .......................................................................................... 4
3.1.2.3 Range Safety .................................................................................................. 5
3.1.2.4 Systems Safety ................................................................................................ 5
3.1.2.5 Quality System ............................................................................................... 5
3.1.2.6 Anomaly Investigation ..................................................................................... 5
3.2 Configuration Management .......................................................................................... 6
3.2.1 Planning and Coordination ...................................................................................... 6
3.2.2 Configuration Status Accounting ............................................................................ 6
3.3 Data Management ......................................................................................................... 7
3.3.1 Planning and Coordination ...................................................................................... 7
3.3.2 Data Repository ....................................................................................................... 7
3.4 Hazardous Material Control and Management .............................................................. 8
3.4.1 Hazardous Material Control and Management Program ......................................... 8
3.4.2 Hazardous Materials ............................................................................................... 8
3.4.3 Consumable/Hazardous Materials Selection ......................................................... 8
3.4.4 Consumable/Hazardous Material Use Approval ..................................................... 8

Exhibit A. **CDRL TABLE** ............................................................................................ 9
### ACRONYM LIST

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
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<td>5</td>
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<td>8</td>
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<td>Integrated Support Plan</td>
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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.

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


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


OPNAVINST 3432.1A  Operations Security
2.2.1.3 OTHER GOVERNMENT DOCUMENTS

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


2.3 Contractor/Industry Part Numbers and Documents


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]. 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.

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.

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) in accordance with MIL-STD-882 and as required to reflect the safety processes employed by the program.

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.

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 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 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,
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 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.

<table>
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<th>CDRL Code</th>
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<td>Operations Security (OPSEC) Plan</td>
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<td>A002</td>
<td>Contractor's Progress, Status, and Management Report</td>
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<td>A004</td>
<td>Contractor's Risk Management Plan</td>
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For clarity "A001" (Alpha - Zero - Zero - India) and "A000" (Alpha - Zero - Zero - Oscar) are not used.