Naval Undersea Warfare Center
Division Newport

Platform & Payload Integration Department

23 October 2018
Agenda

- Undersea Superiority
- Code 40 Vision / Mission / Tenents
- Code 40 Organizational Structure
- Code 40 Workforce
- Code 40 FY18 Funding Profile
- Code 40 Technical Capabilities
- Code 40 Roles & Responsibilities
- The Code 40 Product Line
- Transformational Alignment
NUWC Division Newport

Undersea Superiority
Today and Tomorrow

We research, develop, test, evaluate, engineer, analyze, and deliver undersea warfare capabilities to expand United States Navy readiness.

PEOPLE
Empower our diverse team of world-class professionals

PROCESS
Optimize speed, agility, and rigor of our technical and business processes

RESULTS
Ensure fleet readiness today and innovate for next generation systems tomorrow

Navy’s Design for Maintaining Maritime Superiority
Strengthen Naval Power
Achieve High Velocity Learning
Strengthen Navy Team
Expand and Strengthen Our Network of Partners

NUWC Focus Areas
Execute with Excellence
Continuously Build and Shape a Capable Workforce
Drive a Culture of Affordability
Shape and Maintain Technical and Business Capabilities
Improve Cybersecurity in Products and Processes
Code 40 - Platform & Payload Integration Department

Our Vision
Exploit the Ocean Interface for USW Platform and Payload Superiority

Our Mission
Exercise full-spectrum programmatic and technical excellence in tactical missile and payload integration solutions to deliver and sustain USW capability

Tenets
Integrity / Collaboration / Value-Driven / Results

Any Payload, Any Platform, Any Time
Code 40 Organizational Structure

Platform & Payload Integration Dept.
DEPARTMENT HEAD
Code 40

DEPUTY DEPARTMENT HEAD
Code 40B

PROGRAM MANAGEMENT OFFICE
409

OFFICE OF CHIEF ENGINEER
40C

ADVANCED SYSTEMS OFFICE
40T

MISSILES/PRECISION STRIKE DIVISION
401

SYSTEMS ENGINEERING BRANCH
4011

PRODUCT ENGINEERING BRANCH
4012

SOFTWARE ENGINEERING BRANCH
4013

LOGISTICS ENGINEERING BRANCH
4014

LAUNCHER SYSTEMS & PAYLOAD INTEGRATION DIVISION
402

ANALYSIS & TECHNOLOGY BRANCH
4021

SYSTEM DEVELOPMENT & PAYLOAD INTEGRATION BRANCH
4022

INTERNAL LAUNCHER SYSTEMS BRANCH
4023

EXTERNAL LAUNCHER SYSTEMS BRANCH
4024

DEPT. OPERATIONS STAFF
40B

BUSINESS OPERATIONS OFFICE
4001

# Code 40 Presence Outside the Gate

<table>
<thead>
<tr>
<th>Location</th>
<th>Number of C40 Personnel On-Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMS397 CMC, New London, CT</td>
<td>2</td>
</tr>
<tr>
<td>SUBASE Bangor, WA</td>
<td>3</td>
</tr>
<tr>
<td>St. Julien’s Creek Annex, Norfolk, VA</td>
<td>1</td>
</tr>
<tr>
<td>PMS406 Onsite Office, Raytheon, Portsmouth, RI</td>
<td>1</td>
</tr>
<tr>
<td>PMS450, Washington Navy Yard</td>
<td>1</td>
</tr>
<tr>
<td>VIRGINIA CLASS CWITT Support, Groton CT</td>
<td>1</td>
</tr>
<tr>
<td>COMSUBPAC, Pearl Harbor, HI</td>
<td>1</td>
</tr>
<tr>
<td>PMS394, Washington Navy Yard (part-time)</td>
<td>1</td>
</tr>
<tr>
<td>PMA 280, Pax River, MD</td>
<td>1</td>
</tr>
</tbody>
</table>
Code 40 Workforce

Current End Strength is 268

Discipline Distribution

- Engineers: 68%
- Scientists: 11%
- Logisticians & Technicians: 15%
- Business/Finance: 6%

Code 40 FY18 Funding Profile

~$90M Executed or Managed by C40
What we do…

Warfare Center Technical Capabilities

NP09 – USW Launcher Systems and Payload Integration
• Provides national technical leadership, system engineering, and technical direction oversight of assigned [launcher systems]
• Provides specialized technical expertise and unique national asset laboratory test facilities […]
• Performs integration assessment of advanced USW payloads and weapons […]
• Provides full spectrum life cycle engineering support […]

NP10 – Submarine Tactical Missile Integration
• Provides national technical leadership, system engineering, and technical direction oversight of assigned submarine launched all-up-round tactical missiles [… and associated equipment and sub-systems]
• Performs system engineering, design engineering, software engineering, logistics engineering, and test and evaluation for integration [… tactical missile systems onto submarines]
• Provides full spectrum life cycle engineering support […]

Stewarding Technical Capabilities for Undersea Superiority Today and Tomorrow
**Code 40’s Roles & Responsibilities**

**Missiles/Precision Strike Division**

(Code 401)
- ISEA for Submarine Launched Tomahawk All-Up-Round (AUR)
- ISEA/DA/AEA for Tomahawk Capsules
- ISEA/DA/AEA/SIA/DA for Peculiar Support Equipment (PSE)
- TDA/ISEA/SIA/DA for Encapsulated Harpoon Weapon System
- ISEA/TDA/ISEA/SIA/DA for Encapsulated Harpoon PSE
- ISEA/TDA/ISEA/SIA/DA for EHCLS III
- TDA/ISEA/AEA/DA for Tomahawk Missile AUR Electronic Simulators

**Launcher Systems & Payload Integration**

(Code 402)
- TDA & ISEA for Tactical Weapon Launch & Handling Systems Including:
  - Horizontal Torpedo Tubes
  - Torpedo Tube Control Panels
  - Internal Countermeasure Launcher
  - Vertical Launch System
  - Surface Vessel Torpedo Tubes
  - Trash Disposal Unit
  - VIRGINIA Payload Tube
  - VIRGINIA Payload Module including AEA
- TDA & DA for Payload (non-missile) launch and recovery performance for VPM
- TDA for Submarine Structural Closures & Trunks
- TDA, ISEA, SIA & AEA for FMS Submarine Launcher Systems

**WFC Technical Capability-NP10:**
Submarine Tactical Missile Integration

**WFC Technical Capability-NP09:**
USW Launcher Systems and Payload Integration
The Code 40 Product Line

- **Submarine Launcher Systems**
  - Torpedo Tubes
  - Launchway/Shutter Doors
  - Ejection Systems (Ram Pump, Turbine Pumps)
  - Vertical Launch System (VLS)
  - Weapon Handling / Stowage Systems
  - Control Panels
  - Internal/External Countermeasure Launchers
  - Trash Disposal Unit
  - Torpedo Mounted Dispenser (TMD)
  - VA Payload Tube (VPT), VA Payload Module (VPM)

- **Submarine Launched Tomahawk Missile**
  - All-Up-Round & Capsule
  - Test Missiles (TOTEM) / Support Equipment
  - TOMIS – Tomahawk Management Information System

- **Encapsulated Harpoon Weapon System (FMS)**
  - All-Up-Round & Capsule
  - Test Missiles / Support Equipment
  - Encapsulated Harpoon Command & Launch Subsystem

- **Electronic Missile Simulators – MK 101 and MK 112**

- **Surface Ship Tubes (SVTT MK 32, TWS/CAT)**

- **Hatches, Trunks and Closures**

- **Hydrodynamics, Shock and System Safety Analysis**

- **TEMPALT Development**

- **Extra Large Unmanned Undersea Vehicle Payload Carriage Integration and Deployment**

- **Advanced Missile Systems Integration**

- **Advanced Materials and Composites**

- **Implosion**

*Our skilled workforce, industry partners and unique facilities keep us relevant!*
Transformational Alignment

**Code 40 - Exploiting the Ocean Interface for USW Platform and Payload Superiority**

**Platform**
- Virginia
  - Block IV (VPM)
  - Offboard Vehicle Hosting
  - Enhanced VPM Interactions
- SSGN
  - Continuous Experimentation
  - Large Payload
  - Submarine Forces

**Science & Technology**

**Requirements & Conceptualization**

**Rapid Prototyping & Experimentation**

**Technology Development & Demonstrations**

**In-Service & Fleet Operational Support**
- Foreign Military Sales

**Payload**
- Next Generation
  - Integrated Unmanned Systems
  - Large Full 3-Dimensional Volume
  - Large Flexible Payload Volume
  - Reconfigurable & Serviceable Vehicle
  - XLUUV Payload Integration
- Los Angeles
  - In-Service Support
  - Enhanced Mission Capabilities
- Surface Ship USW
  - In-Service Support
  - Enhanced Mission Capabilities
- Seawolf
  - Multi-Mission Module
  - Special Equipment Deployment

**Mission**

*Identify and Deliver Solutions for the Tactical Submarine Evolution Plan*

Contract Strategy

Objectives:

- Transition from product aligned to function aligned services
- Adapt Code 40 contracts portfolio to align with new Department organization
- Provide for services in support of our in-service engineering, payload integration and the Tactical Submarine Evolution Plan
# Code 40 Existing Service Contracts

<table>
<thead>
<tr>
<th>Current Contract Number</th>
<th>Contract Scope</th>
<th>Incumbent</th>
</tr>
</thead>
<tbody>
<tr>
<td>N00178-04-D-4018-N412</td>
<td>FMS Encapsulated Harpoon Engineering and Tech Services</td>
<td>BAE</td>
</tr>
<tr>
<td>N00178-04-D-4122-N430</td>
<td>Tomahawk Flight Test Eng and Tech Services</td>
<td>SEA CORP</td>
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<tr>
<td>N00178-04-D-4018-N413</td>
<td>Launcher Systems Eng and Tech Serv</td>
<td>BAE</td>
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<tr>
<td>N00178-04-D-4083-N460</td>
<td>Missile Systems Integrated Logistics Serv</td>
<td>MRC</td>
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<tr>
<td>N66604-10-D-034A/C</td>
<td>SUBSAFE Engineering and Tech Services</td>
<td>EB / OII</td>
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<tr>
<td>N66604-11-D-0558</td>
<td>Air Bag Inflator SBIR</td>
<td>SEA CORP</td>
</tr>
<tr>
<td>N00178-04-D-4083-N462</td>
<td>Launcher Lab Services</td>
<td>MRC</td>
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## 9 New Contracts Planned

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Current Contract #</th>
<th>Pending Value ($M)</th>
<th>Incumbent</th>
<th>Strategy</th>
<th>Action Type</th>
<th>RFP Release FY Qtr Date</th>
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<tbody>
<tr>
<td>C40 ILS/ISEA/FTP Services</td>
<td>N00178-04-D-4018/N412, N00178-04-D-4018/N413, N00178-04-D-4083/N460, N00178-04-D-4122/N430</td>
<td>$44.3</td>
<td>BAE SYSTEMS TECHNOLOGY SOLUTIONS &amp; SERV, BAE SYSTEMS TECHNOLOGY SOLUTIONS &amp; SERV, MCLAUGHLIN RESEARCH CORPORATION, SYSTEMS ENGINEERING ASSOCIATES CORP</td>
<td>SBSA</td>
<td>Seaport</td>
<td>2019 QTR 1</td>
</tr>
<tr>
<td>C40 SUBSAFE ENGR/TECH SRVCS MAC</td>
<td>N66604-10-D-034A, N66604-10-D-034C</td>
<td>$49.9</td>
<td>ELECTRIC BOAT CORPORATION, OCEANEERING INTERNATIONAL, INC.</td>
<td>Unrest</td>
<td>IDIQ</td>
<td>2019 QTR 1</td>
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<tr>
<td>C40 DDS Payload Intg (DSS-SOC)</td>
<td>N/A</td>
<td>$49.3</td>
<td>N/A</td>
<td>Unrest</td>
<td>IDIQ</td>
<td>2019 QTR 1</td>
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<tr>
<td>C40 RAPID PROTOTYPING</td>
<td>N/A</td>
<td>$49.0</td>
<td>N/A</td>
<td>Unrest</td>
<td>IDIQ</td>
<td>2019 QTR 1</td>
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<tr>
<td>C40 CONCEPT DEVELOP/TEST/EVAL SRVCS</td>
<td>N00178-04-D-4018/N412, N00178-04-D-4018/N413, N00178-04-D-4083/N460</td>
<td>$35.0</td>
<td>BAE SYSTEMS TECHNOLOGY SOLUTIONS &amp; SERV, BAE SYSTEMS TECHNOLOGY SOLUTIONS &amp; SERV, MCLAUGHLIN RESEARCH CORPORATION</td>
<td>TBD</td>
<td>Seaport</td>
<td>2019 QTR 2</td>
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<tr>
<td>C40 Air Bag Inflator SBIR</td>
<td>N66604-11-D-0558</td>
<td>$20.0</td>
<td>SYSTEMS ENGINEERING ASSOCIATES CORP</td>
<td>Sole source</td>
<td>IDIQ</td>
<td>2019 QTR 3</td>
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<tr>
<td>Launcher Lab Services Follow-On (N462)</td>
<td>N00178-04-D-4083/N462</td>
<td>$25.0</td>
<td>MCLAUGHLIN RESEARCH CORPORATION</td>
<td>TBD</td>
<td>Seaport</td>
<td>2019 QTR 3</td>
</tr>
<tr>
<td>C40 In-Service Hdwr &amp; Supplies</td>
<td>N66604-10-D-034A, N66604-10-D-034C</td>
<td>$225.0</td>
<td>ELECTRIC BOAT CORPORATION, OCEANEERING INTERNATIONAL, INC.</td>
<td>Unrest</td>
<td>IDIQ</td>
<td>2019 QTR 4</td>
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<tr>
<td>C40 SVTT Mk 32 Air Flask Inspection and Procurement</td>
<td>N66604-07-C-3615, N66604-08-D-0907, N66604-13-D-1217</td>
<td>$3.4</td>
<td>FLUMS MACHINE FACTORY</td>
<td>TBD</td>
<td>IDIQ</td>
<td>2020 QTR 1</td>
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_Distribution Statement A: Approved for Public Release._
ILS, ISEA and FTP Support Services Contract

• Summary of Contract Scope:
  – 5 Year Seaport-e task order for in-service Integrated Logistics Support (ILS); engineering (systems, software, safety and design); configuration management; Tomahawk Flight Test Program (FTP) technical services; and Program & Financial Management Support.
**SUBSAFE Eng and Tech Services Contract**

- **Summary of Contract Scope:**
  - 5 year IDIQ MAC to support high criticality submarine safety (SUBSAFE) / LEVEL 1 (L1) engineering and technical services for systems engineering, technical analyses, mechanical and electrical design, manufacturing, installation, test and evaluation, and repair services of tasks which may include SS/L1 components or assemblies.
Summary of Contract Scope:

- 5 year IDIQ MAC contract to support Deep Submergence Systems Scope of Certification (DSS-SOC) engineering and technical services for the performance of ship checks, concept/design development, TEMPMOD / FC / COH / TEMPALT / SHIPALT development, procurement / fabrication, receipt inspection, controlled material handling, installation/removal activities, DSS-SOC storage, and development of life cycle support plans.
Rapid Prototyping Contract

• Summary of Contract Scope:
  – 5 year IDIQ MAC to support rapid prototyping of payload/launcher systems and sub-systems for the design/development, fabrication, test, installation, documentation and delivery of material solutions associated with Code 40 products, systems/subsystems, ancillary and peculiar support equipment, and associated capabilities.
• Summary of Contract Scope:
  – 5 Year Seaport-e task order for engineering and technical services required for the development and analysis of advanced concepts; development and analysis of new systems; engineering and design investigations of problems encountered with existing systems; system safety assessments; preliminary engineering change proposal development; fabrication, assembly, installation and testing of engineering development hardware in land-based test facilities and onboard ships; technical program management support; systems engineering; new and existing payload integration on new and existing submarines and surface ships; and test and evaluation of systems.
• **Summary of Contract Scope:**
  - 5-year Indefinite Delivery Indefinite Quantity (IDIQ) Phase III SBIR contract to provide continued and uninterrupted engineering support services in the area of pre-production definition and development of Launcher System components and respective interfaces that are directly affected by the introduction of COTS gas generators as the source of Launch Impulse Energy and associated Payload Canisterization.
Launcher Lab Services Contract

• Summary of Contract Scope:
  – 5 Year Seaport-e task order for continuous contractor support for engineering, technical, Integrated Logistics Support (ILS) and documentation services in support of the Code 40 land-based laboratory test facilities and shipboard weapon system test, evaluation and repair programs.
In-Service Hardware and Supplies Contract

• **Summary of Contract Scope:**
  – 5 year IDIQ MAC to support engineering and technical services for systems engineering, technical analyses, mechanical and electrical design, manufacturing, installation, test and evaluation, and repair services for Launcher and Missile Systems components and assemblies.
Air Flask Inspection/Fab

- **Summary of Contract Scope:**
  - 5-year Indefinite Delivery Indefinite Quantity (IDIQ) contract to purchase new SVTT Mk 32 Air Flasks, inspect existing Air Flasks and if required re-paint the existing Air Flask.
Backup
**ILS, ISEA and FTP Support Services Contract**

- **Summary of Contract Scope:**
  - 5 Year Seaport-e task order for in-service Integrated Logistics Support (ILS); engineering (systems, software, safety and design); configuration management; Tomahawk Flight Test Program (FTP) technical services; and Program & Financial Management Support.
• Contract Details:
  – SeaPort-e Task Order, Zone 1, Northeast
  – Five (5) year Period of Performance
  – Acquisition Strategy: TBD – Sources Sought.
  – Level of Effort: ~675,950 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications:
    • Conventional Ordnance Certification per OPNAVINST 8023.24C & OPNAVINST 5530.13C
    • Category II and III Crane Operator certification required
    • OSHA/HAZMAT certification required
  – CMMI Level 3 or equivalent
  – SDP may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~20% of total cost
• **Contract Details** (cont’d):
  – RFP Release: FY19Q1
  – Clearance Level: Secret
  – Work Locations: ~80% Government-site, ~20% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
• Summary of Contract Scope:
  – 5 year IDIQ MAC to support high criticality submarine safety (SUBSAFE) / LEVEL 1 (L1) engineering and technical services for systems engineering, technical analyses, mechanical and electrical design, manufacturing, installation, test and evaluation, and repair services of tasks which may include SUBSAFE/L1 components or assemblies.
SUBSAFE Eng and Tech Services Contract (cont’d)

- **Contract Details:**
  - IDIQ MAC
  - Five (5) year Period of Performance
  - Acquisition Strategy: Unrestricted. Draft SOW to be released.
  - Level of Effort: ~282,600 hrs; CPFF and FFP
  - Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  - Unique Certifications:
    - NAVSEA Note 5000
  - Other Direct Costs (ODC’s) will be in the neighborhood of ~60% of total cost
SUBSAFE Eng and Tech Services Contract (cont’d)

• **Contract Details (cont’d):**
  – Partial follow-on to:  N66604-10-D-034
  – RFP Release:  FY19Q1
  – Clearance Level: Secret
  – Work Locations:  ~40% Government-site, ~60% Contractor Site
  – Facilities:  Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
• Summary of Contract Scope:
  – 5 year IDIQ MAC contract to support Deep Submergence Systems Scope of Certification (DSS-SOC) engineering and technical services for the performance of ship checks, concept/design development, TEMPMOD / FC / COH / TEMPALT / SHIPALT development, procurement / fabrication, receipt inspection, controlled material handling, installation/removal activities, DSS-SOC storage, and development of life cycle support plans.
• Contract Details:
  – IDIQ MAC
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted. Draft SOW to be released.
  – Level of Effort: ~93,000 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications:
    • NAVSEA Note 5000 (DSS-SOC Only)
  – CMMI Level 3 or equivalent
  – SDP may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~75% of total cost
• **Contract Details (cont’d):**
  – Partial follow-on to: N66604-10-D-034
  – RFP Release: FY19Q1
  – Clearance Level: Secret
  – Work Locations: ~20% Government-site, ~80% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
Rapid Prototyping Contract

• Summary of Contract Scope:
  – 5 year IDIQ MAC to support rapid prototyping of payload/launcher systems and sub-systems for the design/development, fabrication, test, installation, documentation and delivery of material solutions associated with Code 40 products, systems/subsystems, ancillary and peculiar support equipment, and associated capabilities.
Rapid Prototyping Contract (cont’d)

• Contract Details:
  – New Contract Effort
  – IDIQ MAC
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted. Draft SOW to be released.
  – Level of Effort: ~302,000 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications: None
  – CMMI Level 3 or equivalent
  – SDP may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~29% of total cost
  – RFP Release: FY19Q1
Rapid Prototyping Contract (cont’d)

- **Contract Details (cont’d):**
  - Clearance Level: Secret
  - Work Locations: ~30% Government-site, ~70% Contractor Site
  - Facilities: Government will provide facilities for on-site personnel
  - Facility Security Clearance Required: Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
• Summary of Contract Scope:
  – 5 Year Seaport-e task order for engineering and technical services required for the development and analysis of advanced concepts; development and analysis of new systems; engineering and design investigations of problems encountered with existing systems; system safety assessments; preliminary engineering change proposal development; fabrication, assembly, installation and testing of engineering development hardware in land-based test facilities and onboard ships; technical program management support; systems engineering; new and existing payload integration on new and existing submarines and surface ships; and test and evaluation of systems.
- Contract Details:
  - SeaPort-e Task Order, Zone 1, Northeast
  - Five (5) year Period of Performance
  - Acquisition Strategy: Unrestricted. Draft SOW to be released.
  - Level of Effort: ~250,000 hrs; CPFF and FFP
  - Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  - Unique Certifications: TBD
  - Other Direct Costs (ODC’s) will be in the neighborhood of ~33% of total cost
  - Partial follow-on to: N00178-04-D-4018-N412, N00178-04-D-4018-N413, and N00178-04-D-4083-N460
  - RFP Release: FY19Q2
Concept Dev, Modernization and T&E Eng Services Contract (cont’d)

• **Contract Details (cont’d):**
  – Clearance Level: Secret
  – Work Locations: ~20% Government-site, ~80% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
Air Bag Inflator SBIR

• Summary of Contract Scope:
  – 5-year Indefinite Delivery Indefinite Quantity (IDIQ) Phase III SBIR contract to provide continued and uninterrupted engineering support services in the area of pre-production definition and development of Launcher System components and respective interfaces that are directly affected by the introduction of COTS gas generators as the source of Launch Impulse Energy and associated Payload Canisterization.
Air Bag Inflator SBIR (cont’d)

- **Contract Details:**
  - IDIQ
  - Five (5) year Period of Performance
  - Acquisition Strategy: TBD
  - Level of Effort: TBD hrs; CPFF and FFP anticipated
  - Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  - Unique Certifications:
    - OSHA/HAZMAT certification required
    - Category II Crane Operator certification required
  - Other Direct Costs (ODC’s) are TBD
Air Bag Inflator SBIR (cont’d)

- **Contract Details (cont’d):**
  - Follow on to N66604-11-D-0558
  - RFP Release: FY19Q3
  - Clearance Level: Secret
  - Work Locations: ~20% Government-site, ~80% Contractor Site
  - Facilities: Government will provide facilities for on-site personnel
  - Facility Security Clearance Required: Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
Launcher Lab Services Contract

• Summary of Contract Scope:
  – 5 Year Seaport-e task order for continuous contractor support for engineering, technical, Integrated Logistics Support (ILS) and documentation services in support of the Code 40 land-based laboratory test facilities and shipboard weapon system test, evaluation and repair programs.
Launcher Lab Services Contract (cont’d)

- Contract Details:
  - SeaPort-e Task Order, Zone 1, Northeast
  - Five (5) year Period of Performance
  - Acquisition Strategy: TBD – Sources Sought.
  - Level of Effort: ~320,000 hrs; CPFF and FFP
  - Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  - Unique Certifications:
    - Conventional Ordnance Certification per OPNAVINST 8023.24C & OPNAVINST 5530.13C
    - Category II and III Crane Operator certification required
    - OSHA/HAZMAT certification required
  - Other Direct Costs (ODC’s) will be in the neighborhood of ~20% of total cost
Launcher Lab Services Contract (cont’d)

• Contract Details (cont’d):
  – Follow on to N00178-04-D-4083/N462
  – RFP Release: FY19Q3
  – Clearance Level: Top Secret
  – Work Locations: ~70% Government-site, ~30% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
In-Service Hardware and Supplies Contract

• Summary of Contract Scope:
  – 5 year IDIQ MAC to support engineering and technical services for systems engineering, technical analyses, mechanical and electrical design, manufacturing, installation, test and evaluation, and repair services for Launcher and Missile Systems components and assemblies.
In-Service Hardware and Supplies Contract (cont’d)

• Contract Details:
  – IDIQ MAC
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted. Draft SOW to be released.
  – Level of Effort: TBD; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications: TBD
  – Other Direct Costs (ODC’s) are expected to be greater than 50% of total cost
  – Partial follow-on to: N66604-10-D-034
  – RFP Release: FY19Q4
In-Service Hardware and Supplies Contract (cont’d)

- **Contract Details (cont’d):**
  - Clearance Level: Secret
  - Work Locations: ~10% Government-site, ~90% Contractor Site.
  - Facilities: TBD
  - Facility Security Clearance Required: Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
Air Flask Inspection/Fab

• Summary of Contract Scope:
  – 5-year Indefinite Delivery Indefinite Quantity (IDIQ) contract to purchase new SVTT Mk 32 Air Flasks, inspect existing Air Flasks and if required re-paint the existing Air Flask.
Air Flask Inspection/Fab (cont’d)

• Contract Details:
  – IDIQ
  – Five (5) year Period of Performance
  – Acquisition Strategy: TBD
  – Level of Effort: TBD hrs; CPFF and FFP anticipated
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications:
    • Technical expertise in manufacturing, testing and painting of Air Flasks in accordance with Government Mil Standards
    • Inspections IAW Department of Transportation requirements
    • OSHA/HAZMAT certification required
  – Other Direct Costs (ODC’s) are TBD
Air Flask Inspection/Fab (cont’d)

• Contract Details (cont’d):
  – Follow on to N66604-13-D-1217
  – RFP Release: FY20Q1
  – Clearance Level: Unclassified
  – Work Locations: 100% Contractor Site
  – Facilities: No on-site personnel requirement
  – Facility Security Clearance Required: TBD
  – Organizational Conflict of Interest (OCOI) Clause Applies