



Naval Undersea Warfare Center Division Newport



Industry Day 2020

USW Platforms & Payload Integration Department

Tracey Acquaro-Pees
James W. Coleman

27 October 2020

Agenda

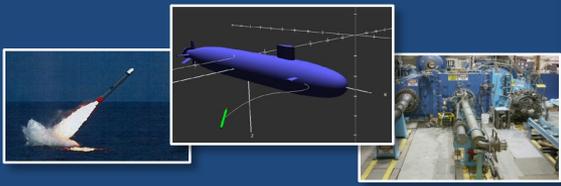
- **Undersea Superiority**
- **Code 45 Vision / Mission / Tenets**
- **Code 45 Organizational Structure**
- **Code 45 Workforce**
- **Code 45 FY20 Funding Profile**
- **Code 45 Technical Capabilities**
- **Code 45 Roles & Responsibilities**
- **The Code 45 Product Line**
- **Contract Strategy / Current Portfolio**
- **New Contracts Planned**

Undersea Warfare (USW) Platforms & Payload Integration Department

Today's Navy

Exploit the Ocean Interface

- Developing, integrating, providing life cycle support for launcher & payload systems
- Maintaining world class development and test facilities and analysis tools
- Providing USW platform autonomy and middleware expertise
- Cooperative foreign military sales support
- Maintaining technical authority and responsibility in USW platform integration



Potential Game Changers/ Disruptive Technologies

- Long Duration Unmanned Systems Operations
- Wireless Communications and Power Interfaces
- Advanced Navigation
- Persistent Power Sources
- External Weapon Clips
- Advanced Undersea Systems Autonomy
- Long Range Communications
- Advanced Material Coatings for Shock and Biofouling Mitigation
- Artificial Intelligence/ Machine Learning



Next Navy (+5-10 yrs)

Current Focus

Deliver UUV capability to the Fleet while expanding current tactical missile and payload system capabilities with a focus on capabilities leading the transformation of advanced undersea payloads and deployment

Evolutionary Enhancements

- Expand vital land-based facilities and technical capabilities
- Enhance digital engineering capabilities by increased use of Model Based Systems Engineering and Data Analytics
- Evolutionary Weapon Integration
- Advanced Autonomous Undersea Systems
- Unmanned Vehicle Launch and Recovery
- Expand Cooperative Foreign and Domestic Collaborations

Navy After Next (+20 yrs)

Vision of the Future

Modular and netted undersea systems enabling greatly expanded undersea domain effects which are scalable and deliverable from manned and unmanned platforms and environments

Revolutionary Capabilities

- Long Duration Unmanned Undersea Systems Operations
- Interoperability with Distributed Autonomous Systems
- Scalable Universal Encapsulation and launch systems
- Transformational Weapons Integration to Expand Mission Portfolio and Exploit Ocean Interfaces
- AI/ML at Scale to Create Knowledge and Inform Warfighting

Code 45 – USW Platforms & Payload Integration Department

Our Vision

Exploit the Ocean Interface for USW Platform & Payload Superiority

Our Mission

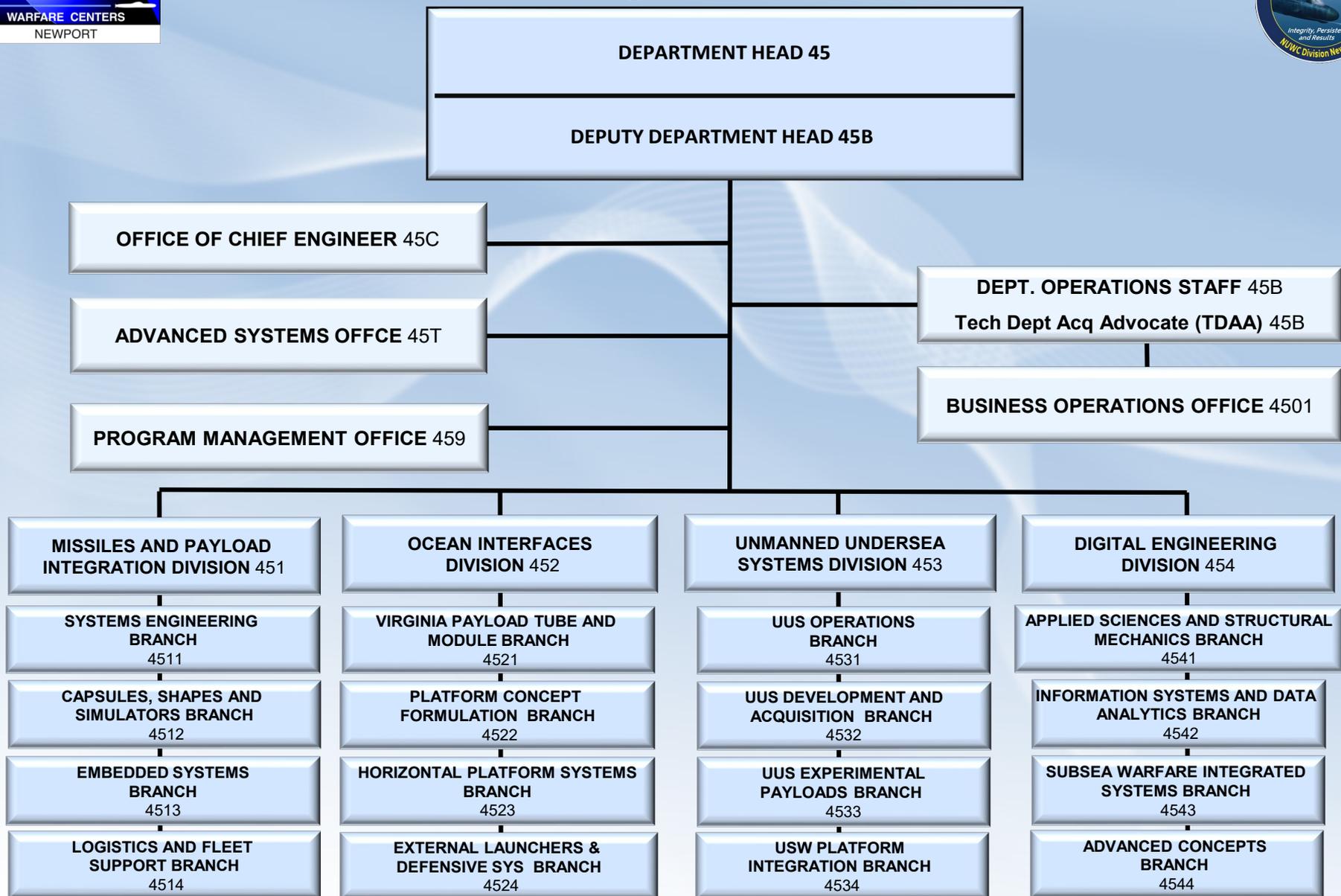
Exercise full-spectrum programmatic and technical excellence in tactical missile, payload integration and unmanned undersea system solutions to deliver and sustain USW superiority

Our Tenets

Integrity / Persistence / Results

Any Payload, Any Platform, Any Time

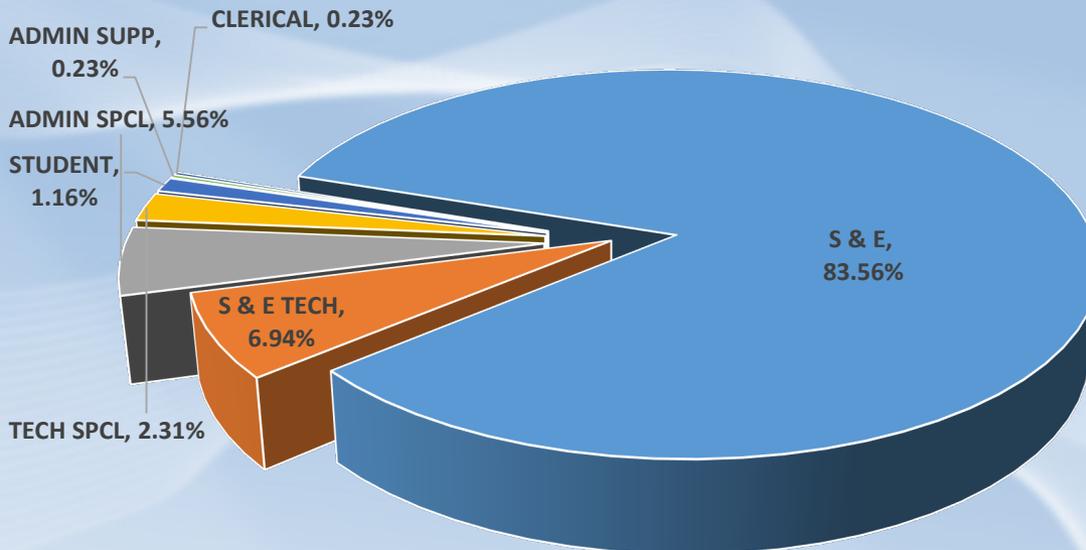
Code 45 Organizational Chart



Code 45 Presence Outside the Gate

Location	Number of C45 Personnel on-Site
COMSUBPAC, HI	2
Division Keyport, WA	3
OPNAV N97, Washington, D.C.	1
PMS397 CMC, New London, CT	2
PMS450, Washington Navy Yard, D.C.	1
St. Julien's Creek Annex, Norfolk, VA	1
SOCCOM, West Palm, FL	1
Sub Base, Bangor, WA	2

Our People - Code 45



Civilian Workforce- 432 As of Sept 2020

Work Force Composition

- 90.5% Of Our Workforce are Engineers and Scientists
- 37% of Our Scientists and Engineers Have Advanced Degrees
 - 16 PhDs
 - 120 Masters
- 18% Female, 82% Male
- Average Age- 41.6 yrs

Total Employment by Classification	Civil Service	Contract WY's*	Est Overall Employment
Engineering/Science	391	69	460
Technical Support	10	56	66
Professional Administrative	24	73	97
Administrative Support	1	10	11
Clerical	1	9	10
Students	5	0	5
Total	432	217	649

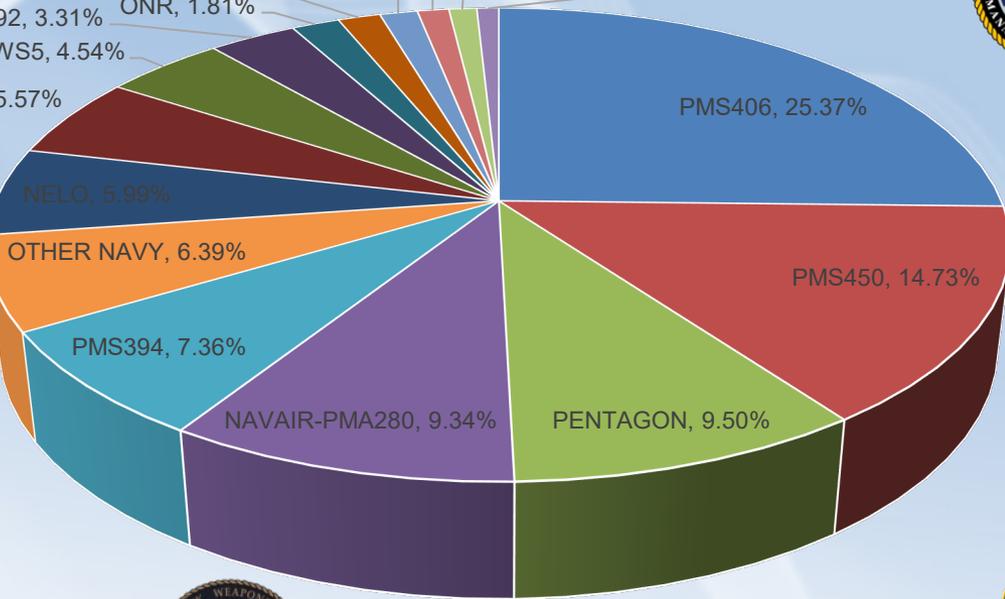
Code 45 FY20 Funding



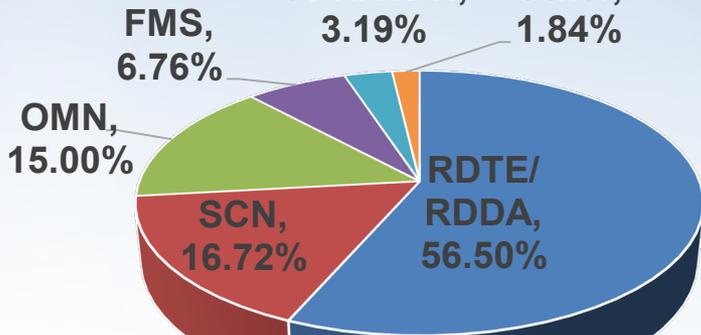
OTHER DOD, 1.60%
 PMS485, 1.19%
 FLEET, 1.42%
 PMS408, 1.05%
 PRIVATE PARTY, 0.83%

PMS392, 3.31%
 NAVSEA-IWS5, 4.54%

NAVAIR-PMA201, 5.57%



OPN/WPN, 3.19%
 Other, 1.84%



~\$150M TOTAL Code 45 TASKING



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 [...]

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]
- Performs system engineering, design engineering, software engineering, logistics engineering[...]

NP11 – USW Autonomous Vehicles

- Provide scientific and engineering knowledge and facilities for conducting a full spectrum program of research, science and technology, development, engineering, acquisition planning, and test and evaluation for undersea warfare (USW) autonomous unmanned undersea systems [...]

Stewarding Technical Capabilities for Undersea Superiority Today and Tomorrow

Code 45's Roles & Responsibilities

Technical Capability - NP9



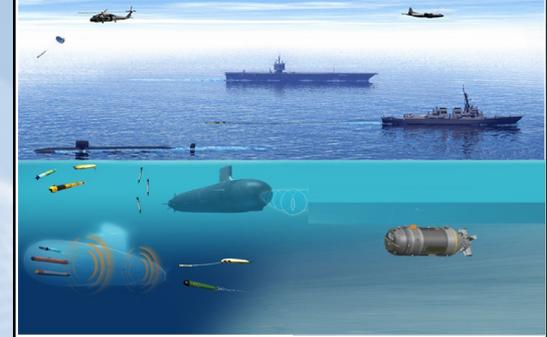
- TDA & ISEA for Tactical Weapon Launch & Handling Systems Including:
 - Horizontal Torpedo Tubes
 - Torpedo Tube Control Panels
 - Internal Countermeasure Launcher
 - Vertical Launch System
 - Surface Vessel Torpedo Tubes
 - Trash Disposal Unit
 - VIRGINIA Payload Tube
 - VIRGINIA Payload Module including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

Technical Capability - NP10



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

Technical Capability - NP11



- DA Snakehead Phase 1
- SIA Snakehead Phase 1
- SIA MK 18 Mod 2 Increment II
- TDA/SSA Snakehead Phase II
- TDA/SSA Razorback
- SAA Orca
- TDA Orca USW Payloads
- DA Project 1319

In-Service Engineering Agent (ISEA), Technical Direction Agent (TDA), Design Agent (DA), System Integration Agent (SIA), Acquisition Engineering Agent (AEA), Software Support Activity (SSA)

Our Industry Partners



Contract Strategy

Objectives:

- Finalizing transition from product aligned to function aligned services
- Code 45 contracts portfolio is aligned with new Department organization
- Provide for hardware, services, rapid prototyping and acquisition support and execution to our customer base

Code 45 Existing Major Contracts SeaPort and IDIQ

SeaPort

Contract #	TO/DO	Contract Description
N00178-04-D-4010	N6660419F3011	TEMPALT/TEMPMOD/COH (ASC)
N00178-04-D-4066	N6660418F3022	AMSTC Lab (Serco)
N00178-19-D-8089	N6660420F3004	C45 Lab Complex (MRC)
N00178-04-D-4083	N6660419F3003	SVTT Overhaul and Production (MRC)
N00178-04-D-4083	N6660419F3006	ILS/ISEA/FTP Serv (MRC)
N00178-04-D-4119	N435	TOMIS (SAIC)

IDIQ

Contract #	Contract Description
N66604-11-D-0165	REMUS (Hydroid)
N66604-11-D-0558	Air Bag Inflator SBIR (SEACorp)
N66604-14-D-0344	UUV (WHOI)
N66604-17-D-C700	FMS Harpoon Serv (Boeing)



Code 45 Existing Major Contracts Multi-Award Contracts (MAC)



UUV Family of Systems

Contract #	Contract Description
N66604-18-D-C801	UUV FOS (Aeorjet)
N66604-18-D-C802	UUV FOS (Serco)
N66604-18-D-C803	UUV FOS (ASC)
N66604-18-D-C804	UUV FOS (BAE)
N66604-18-D-C806	UUV FOS (Draper)
N66604-18-D-C807	UUV FOS (DRS)
N66604-18-D-C808	UUV FOS (GA)
N66604-18-D-C809	UUV FOS (GD)
N66604-18-D-C810	UUV FOS (Hamilton)
N66604-18-D-C811	UUV FOS (HII FSG)
N66604-18-D-C812	UUV FOS (Hydroid)
N66604-18-D-C814	UUV FOS (L3)
N66604-18-D-C815	UUV FOS (Lockheed)
N66604-18-D-C816	UUV FOS (MOOG)
N66604-18-D-C817	UUV FOS (NG)
N66604-18-D-C818	UUV FOS (OII)
N66604-18-D-C819	UUV FOS (Raytheon)
N66604-18-D-C820	UUV FOS (Rite Solutions)
N66604-18-D-C822	UUV FOS (SAIC)
N66604-18-D-C823	UUV FOS (SEACorp)
N66604-18-D-C825	UUV FOS (Southwest)
N66604-18-D-C826	UUV FOS (Teledyne)
N66604-18-D-C828	UUV FOS (WHOI)

DSS-SOC

Contract #	Contract Description
N66604-19-D-L901	DSS-SOC (ASC)
N66604-19-D-L902	DSS-SOC (OII)
N66604-19-D-L903	DSS-SOC (Serco)
N66604-20-D-L904	DSS-SOC (SEACorp)

SUBSAFE

Contract #	Contract Description
N66604-20-D-D001	SUBSAFE (EB)
N66604-20-D-D002	SUBSAFE (HII)
N66604-20-D-D003	SUBSAFE (OII)

Rapid Prototype

Contract #	Contract Description
N66604-20-D-K001	Rapid Prototype (BAH)
N66604-20-D-K002	Rapid Prototype (HII-FSG)
N66604-20-D-K003	Rapid Prototype (NGMS)
N66604-20-D-K004	Rapid Prototype (Oasis)
N66604-20-D-K005	Rapid Prototype (OII)
N66604-20-D-K006	Rapid Prototype (SAIC)
N66604-20-D-K007	Rapid Prototype (Serco)



9 New Contracts Planned



Task Description	Estimated Value (\$M)	Anticipated Strategy	Action Type	Current Contract #	Incumbent	Anticipated RFP Release FY QTR
Concept Development, Test and Evaluation Services	\$35.0	Full and Open Competition	SeaPort	N00178-04-D-4018 / 412, N00178-04-D-4018 / N413, and N00178-04-D-4083 / N460	BAE, BAE, and MRC	2021 QTR 2
C45 Hardware and Supplies IDIQ	\$225.0	Full and Open Competition	IDIQ	N66604-10-D-034A/C	EB, OII	2021 QTR 3
SVTT Mk 32 Air Flask Inspection and Procurement	\$3.4	Full and Open Competition	IDIQ	N66604-13-D-1217	FLUMS MACHINE FACTORY	2021 QTR 1
Digital LCDP	\$3.0	Full and Open Competition	Commercial Item Test Program (CITP)	N66604-18-C-0464	Epsilon	2021 QTR 2
Air Bag Inflator	\$13.5	Sole Source Small Business Innovation Research (SBIR)	IDIQ	N66604-11-D-0558	SEA CORP	2021 QTR 1
Tomahawk Information Systems (TOMIS)	\$8.0	TBD	SeaPort	N00178-04-D-4119 / N435	SCIENCE APPLICATIONS INTERNATIONAL CORP	2021 QTR 2
FMS Harpoon Services	\$1.5	Sole Source	IDIQ	N66604-17-D-C700	BOEING	2022 QTR 2
ILS/ISEA/FTP Services	\$50.0	Full and Open Competition	SeaPort	N00178-04-D-4083 / N66604-19-F-3006	MRC	2023 QTR 2
AMSTC Lab Services	\$50.0	Full and Open Competition	SeaPort	N00178-04-D-4066 / N66604-18-F-3022	SERCO	2023 QTR 3



Concept Dev, Modernization and T&E Eng Services Contract



- **Summary of Contract Scope:**
 - **5 Year SeaPort 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.**



Concept Dev, Modernization and T&E Eng Services Contract (cont'd)



- **Contract Details:**

- **SeaPort Task Order**
- **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: FY21Q2**



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**
 - **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**



C45 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 USW Platforms & Payload Integration components and assemblies.**



C45 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): TBD**
 - **Partial follow-on to: N66604-10-D-034A/C**
 - **RFP Release: FY21Q3**



C45 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.**

- **Contract Details:**

- **IDIQ**
- **Five (5) year Period of Performance**
- **Acquisition Strategy: Unrestricted.**
- **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): TBD**

- **Contract Details (cont'd):**
 - **Follow on to N66604-13-D-1217**
 - **RFP Release: FY21Q1**
 - **Clearance Level: Unclassified**
 - **Work Locations: 100% Contractor Site**
 - **Facilities: No on-site personnel requirement**
 - **Facility Security Clearance Required: TBD**
 - **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**



Digital LCDP Fabrication



- **Summary of Contract Scope:**
 - **5-year Indefinite Delivery Indefinite Quantity (IDIQ) contract to purchase new Built-to-Print Internal Countermeasure Launcher (ICL) Launch Control and Display Panels to support VIRGINIA Class Block V and COLUMBIA Class new construction.**



Digital LCDP Fabrication (cont'd)



- **Contract Details:**

- **Commercial Item Test Program (CITP)**
- **Five (5) year Period of Performance**
- **Acquisition Strategy: Unrestricted.**
- **Level of Effort: 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 and testing electronic panels in accordance with Government/Military Drawings and Standards**
- **Other Direct Costs (ODC's): TBD**

- **Contract Details (cont'd):**
 - **Similar to N66604-18-C-0464**
 - **RFP Release: FY21Q2**
 - **Clearance Level: Unclassified**
 - **Work Locations: 95% Contractor Site; 5% Government**
 - **Facilities: No on-site personnel requirement**
 - **Facility Security Clearance Required: TBD**
 - **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 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: Sole Source SBIR
 - 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): TBD

Air Bag Inflator SBIR (cont'd)

- **Contract Details (cont'd):**
 - **Follow on to N66604-11-D-0558**
 - **RFP Release: FY21Q1**
 - **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**



Tomahawk Information Systems (TOMIS) Services Contract



- **Summary of Contract Scope:**
 - **5 Year SeaPort task order for the continued development and maintenance of TOMIS software applications, architecture and documentation; Maintaining TOMIS availability; Providing technical support for Government/Contractor users base.**



Tomahawk Information Systems (TOMIS) Services Contract (cont'd)



- **Contract Details:**

- **SeaPort Task Order**
- **Five (5) year Period of Performance**
- **Acquisition Strategy: TBD – Sources Sought**
- **Level of Effort: ~90,000 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**
- **CMMI Level 3 or equivalent**
- **Software Development Plan (SDP) may be required**
- **Other Direct Costs (ODC's) will be in the neighborhood of ~10% of total cost**



Tomahawk Information Systems (TOMIS) Services Contract (cont'd)



- **Contract Details** (cont'd):
 - **Follow-on to: N00178-04-D-4119-N435**
 - **RFP Release: FY21Q1**
 - **Clearance Level: Secret**
 - **Work Locations: ~100% Government-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**



FMS Harpoon Services Contract



- **Summary of Contract Scope:**
 - **5 Year IDIQ for engineering services, technical services, logistics services, prototypes, and test hardware in support of EHWS Program for Foreign Military Sales (FMS) applications.**



FMS Harpoon Services Contract (cont'd)



- **Contract Details:**

- IDIQ
- Five (5) year Period of Performance
- Acquisition Strategy: Sole Source
- Level of Effort: ~5,000 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
- CMMI Level 3 or equivalent
- SDP may be required
- Other Direct Costs (ODC's) will be in the neighborhood of ~10% of total cost



FMS Harpoon Services Contract (cont'd)



- **Contract Details** (cont'd):
 - **Partial follow-on to: N66604-17-D-C700**
 - **RFP Release: FY22Q2**
 - **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**



ILS, ISEA and FTP Support Services Contract



- **Summary of Contract Scope:**
 - **5 Year SeaPort 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.**



ILS, ISEA and FTP Support Services Contract (cont'd)



- **Contract Details:**

- **SeaPort Task Order**
- **Five (5) year Period of Performance**
- **Acquisition Strategy: Unrestricted.**
- **Level of Effort: ~700,000 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**
- **CMMI Level 3 or equivalent**
- **SDP may be required**
- **Other Direct Costs (ODC's) will be in the neighborhood of ~20% of total cost**



ILS, ISEA and FTP Support Services Contract (cont'd)



- **Contract Details (cont'd):**
 - **Follow-on to: N00178-04-D-4083 / N66604-19-F-3006**
 - **RFP Release: FY23Q2**
 - **Clearance Level: TS/SCI**
 - **Work Locations: ~80% Government-site, ~20% Contractor Site**
 - **Facilities: Government will provide facilities for on-site personnel**
 - **Facility Security Clearance Required: TS/SCI**
 - **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**



AMSTC Lab Services Contract



- **Summary of Contract Scope:**
 - **5 Year SeaPort task order to obtain services for the AMSTC Laboratory for Code 45 existing legacy system UUVs, AUVs, Gliders and their associated programs and projects to include Computer Software Programming, Design, Development, and Maintenance; Engineering Design, Development, and Evaluation; Modeling and Simulation; At-Sea Test and Evaluation (T&E); Integrated Logistics Support (ILS) and Fleet Support; Cyber Security (CS) and Anti-Tamper (AT); AUV and UUV Operator Training and Qualification; Program Support and Administrative Services**



AMSTC Lab Services Contract (cont'd)



- **Contract Details:**

- **SeaPort Task Order**
- **Five (5) year Period of Performance**
- **Acquisition Strategy: Unrestricted**
- **Level of Effort: ~400,000 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**
- **CMMI Level 3 or equivalent**
- **Cyber Security / Anti-Tamper IAW DoDI 8500.01**
- **SDP may be required**
- **Other Direct Costs (ODC's) will be in the neighborhood of ~45% of total cost**



AMSTC Lab Services Contract (cont'd)



- **Contract Details (cont'd):**
 - **Follow-on to: N00178-04-D-4066 / N66604-18-F-3022**
 - **RFP Release: FY23Q3**
 - **Clearance Level: Top Secret**
 - **Work Locations: TBD% Government-site, TBD% Contractor Site**
 - **Facilities: Government will provide facilities for on-site personnel**
 - **Facility Security Clearance Required: Top 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**

Questions?

