CAPT Dave Grimland

Director,
Cross Warfare and International Programs
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25 MAY 2010

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### 5b. GRANT NUMBER

### 5c. PROGRAM ELEMENT NUMBER

### 5d. PROJECT NUMBER

### 5e. TASK NUMBER

### 5f. WORK UNIT NUMBER

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### 7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
Naval Air Warfare Center, Training Systems Division, Cross Warfare and International Programs, Patuxent River, MD, 20670-5304

### 8. PERFORMING ORGANIZATION REPORT NUMBER

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### 11. SPONSOR/MONITOR’S REPORT NUMBER(S)

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Approved for public release; distribution unlimited

### 13. SUPPLEMENTARY NOTES
2010 USAF APBI, May 25, 2010, Wright Patterson AFB, OH

### 14. ABSTRACT

### 15. SUBJECT TERMS

### 16. SECURITY CLASSIFICATION OF:

<table>
<thead>
<tr>
<th>Item</th>
<th>Unclassified</th>
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<tbody>
<tr>
<td>a. REPORT</td>
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<tr>
<td>b. ABSTRACT</td>
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<td>c. THIS PAGE</td>
<td>unclassified</td>
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### 17. LIMITATION OF ABSTRACT
Same as Report (SAR)

### 18. NUMBER OF PAGES
32

### 19a. NAME OF RESPONSIBLE PERSON

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Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
NAWCTSD is the principal Navy center for research, development, test and evaluation, acquisition and product support of training systems; We provide Interservice coordination and training systems support for the Army and Air Force, and we perform such other functions and tasks as directed by higher authority.

(OPNAVNOTE 5450 - 8 Sep 93)

Percentages reflect our FY09 TOA Actuals
Holistic approach with command “Product Line” serving as the focal point

Overarching Objectives

- Partner with the most capable and proven industry performers
- Support small business and socio-economic interests and appropriately balance these interests with C/S/P risk
- Enable rapid response capability to fulfill warfighter needs
- Offer Program Managers an appealing alternative for their toolkit
Training Systems Contract (TSC) III MAC

- **Primary Scope**: Training Systems and modifications including complimentary ISD products
- **Ordering period**: 7 years (base of 5 years and two 1-yr options)
- **Ceiling amount**: ~$2B
- **DRFP issuance anticipated**: July 2010
- **RFP issuance anticipated**: October 2010
- **Awards anticipated**: September 2011

TRAINING SYSTEMS
- New/Modified Training Systems
  - Engineering / Damage Control Trainers
  - Weapon Systems Trainers
  - Aircrew Trainers
  - Maintenance Trainers
  - Operational Flight Trainers
  - Shiphandling Trainers
  - Tactics Trainers
Fielded Training Systems Support (FTSS) III MAC

- **Primary Scope**: Contractor Operation & Maintenance Services and Contractor Instructional Services
- **Ordering period**: 8 years (base of 5 years and three 1-yr options)
- **Ceiling amounts**: $900M (Unrestricted MAC) and $80M (SBSA MAC)
- **Awards anticipated**: Unrestricted MAC – October 2010; SBSA MAC – July 2010
**Instructional Systems Design (ISD) MAC**

- **Scope**: “Independent” ISD products and services
- **Ordering period**: TBD
- **Ceiling amount**: TBD
- **Sources sought issued**: January 2010
- **DRFP issuance anticipated**: August 2010
- **RFP issuance anticipated**: October 2010
- **Awards anticipated**: August 2011
• Research & Development Single Award ID/IQ Contract
  • Scope: Broad range of research & development and computer services to facilitate the customization and application of Human Performance Modeling and Assessment (HPM&A) to satisfy Navy mission Human Systems Integration (HSI) measurement and evaluation requirements.
  • Ordering period: 5 Years
  • Ceiling amount: ~$7M
  • RFP issued: May 2010
  • Proposals Due: 26 June 2010
  • Award anticipated: October 2010
Seaport-e Task Order for NAWCTSD Workforce Augmentation

- **Scope**: Contractor support services to NAWCTSD cross-functional competencies
- **Length of task order**: 5 years
- **Value of task order**: ~$100M
- **RFP issuance anticipated**: September 2010
- **Award anticipated**: March 2011
• NAVSEA MAC available for use by all Navy SYSCOMs for the competitive acquisition of service requirements in 22 functional areas

• Currently in excess of 1,800 contract holders

• Mandatory use for the acquisition of engineering, financial, and program management contractor support services

• SeaPort-e:  http://www.seaport.navy.mil/default.aspx

• FY10 “Rolling Admissions” solicitation opened on 5 April and closed on 5 May
The information about to be presented affords industry partners insight into on-going and pending acquisitions.

Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.

The PCO is your source for the most current information.
Description/Summary of Program Requirements

Host computer refresh on 8 legacy maintenance training devices:

- Powerplant
- Avionics
- Electrical
- Egress

- Fuel
- Armament
- Flight Controls
- Landing Gear

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Period of Performance</th>
<th>Milestones</th>
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<tbody>
<tr>
<td>• TSC (III)</td>
<td>• Base period plus any planned options</td>
<td>1st Qtr FY 12</td>
</tr>
<tr>
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<td>RFP Release</td>
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<td>3rd Qtr FY 12</td>
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<td>Contract Award</td>
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<tr>
<th>Point of Contact</th>
<th>Funding</th>
<th>Current Contract/Original Developer/OEM (if recompete)</th>
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<tbody>
<tr>
<td>Name: Mike Merritt</td>
<td>• Approximately $5M</td>
<td>• New Requirement</td>
</tr>
<tr>
<td>Organization: NAWCTSD, Aviation</td>
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<tr>
<td>Phone: 407 380-4595</td>
<td></td>
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</tr>
<tr>
<td>Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
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</tbody>
</table>
Description/Summary of Program Requirements

Obsolescence upgrades:

- Device 2F150C (WST – Cherry Point, NC)
  - Visual system / projector upgrade
  - Device supportability

- Device 2F150D (WST – Yuma, AZ)
  - Visual system / projector upgrade
  - Instructor Operator Station
  - Device supportability

Acquisition Strategy
- TSC (III)

Period of Performance
- Base period plus any planned options

Funding
- Approximately $9M

Milestones

<table>
<thead>
<tr>
<th>4th Qtr, FY13</th>
<th>FY-14</th>
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<tbody>
<tr>
<td>RFP Release</td>
<td>Contract Award</td>
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</table>

Current Contract/Original Developer/OEM (if recompete)
- New Requirement
- Last upgrade completed by Indra Systems, Inc.

Point of Contact
Name: Mike Merritt
Organization: NAWCTSD, Aviation
Phone: 407 380-4595
Email: mike.merritt@navy.mil
## Description/Summary of Program Requirements

### Device Technology/Obsolescence upgrades:
- 2F150A (WST – Cherry Point, NC)
- 2F150E (WST – Cherry Point, NC)
- 2F150B (WST – Yuma, AZ)

<table>
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<tbody>
<tr>
<td>TSC (III)</td>
<td>Base period plus any planned options</td>
<td>4th Qtr FY-13</td>
<td>Approximately $11M</td>
<td>New Requirement</td>
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<tr>
<td></td>
<td></td>
<td>2nd Qtr FY15</td>
<td></td>
<td>Last upgrade complete by Indra Systems, Inc.</td>
</tr>
</tbody>
</table>

### Point of Contact

Name: Mike Merritt  
Organization: NAWCTSD, Aviation  
Phone: 407 380-4595  
Email: mike.merritt@navy.mil
## Description/Summary of Program Requirements

Concurrence Mods of 2F179A Tactical Operational Readiness Trainer (TORT)

- C4 for ASW
- INMARSAT Comms
- Link 16 MIDS
- Incorporate TMS ASQ-222 5.3 and AOP 4.0
- Acoustic Processor Technology Refresh (APTR)

- Software-Defined Sonobuoy Receiver (SDSR)
- Processing of SSQ-101A/B and SSQ-125 sonobuoys
- Refresh acoustic simulation hardware to increase number of targets and acoustic transmission paths

### Acquisition Strategy
- TSC-II ID/IQC
- Full and Open Competition
- Single Award

### Period of Performance
- 1st article – 18 - 20 months
- 2nd – 5th article – 8 - 10 months

### Funding
- Estimated to be $15M - $20M

### Milestones
- 1st Qtr FY 10: RFP Release
- 2nd Qtr FY 10: Contract Award

### Current Contract/Original Developer/OEM (if recompete)
- N/A
- N/A

### Point of Contact
Name: Mike Merritt
Organization: NAWCTSD, Aviation
Phone: 407-380-4595
Email: mike.merritt@navy.mil
HC-144A OFT

Description/Summary of Program Requirements

• Procurement of 1 HC-144A Operation Flight Trainer (OFT)
• Level “D” equivalent or better full flight simulator for Coast Guard Aviation Training Center - Mobile Alabama

  • 290 X 60 visual display
  • Full motion
  • Replication of C4 SASS
  • Initial provisioning spares
  • Operator/Maintainer training

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</table>
| TSC II               | 30 months RFT after contract award | Range from $22M to $26M including all options | 3rd Qtr FY 10  
RFP Release | 1st Qtr FY11  
Contract Award |
| full and open        |                       |         |            |
| single award FFP     |                       |         |            |

Point of Contact

Name: Steve Coln
Organization: NAWC TSD
Phone: 407.380.8159
Email: stephen.coln@navy.mil

Current Contract/Original Developer/OEM (if recompete)

• NA
CH-53D Flight Training Device

Description/Summary of Program Requirements

Procure 1 High Fidelity CH-53D Containerized Flight Training Device (CFTD). The trainer will be located at MCAS Kaneohe, HI

- Self contained
- Fully transportable
- 220 X 60 visual display **
- Non-motion
- Positioned on a concrete pad
- Connections to a power island

- CH-53D WST (Device 2F121) operational program
- USMC Tactical Environment (TEn) version 4.0 interoperability
- Optional ECPs for DIRCM and BFT

** 70° vertical field of view required around pilot and co-pilot lower windows

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<th>Milestones</th>
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<tbody>
<tr>
<td>• Small Business Set Aside</td>
<td>• 24-36 month POP</td>
<td>3rd Qtr FY 10 RFP Release</td>
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<td>2nd Qtr FY 11 Contract Award</td>
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## Description/Summary of Program Requirements

**T-45C Technology refresh:**

- 6 - 2F138C OFTs (Meridian, MS)
- 2 - 2F138D OFT's (Kingsville, TX)
- 2 - 2F137C IFTs (Meridian, MS)

**Address obsolescence:**

- Computer rehost
- Student Station / IOS
- Motion control loading
- Visual system upgrade
- Dome – refurb / replace

Provide hardware / software commonality between Kingsville and Meridian to minimize life-cycle cost. Develop and provide documentation.

### Acquisition Strategy

- Anticipate full and open under planned ID/IQ contract (TSCIII)

### Period of Performance

- Base period plus any planned options

### Funding

- 35m desired

### Milestones

- 2nd Qtr FY 11 Define /verify requirements, Training Situational Analysis (TSA)
- RFP Release TBD
- Contract Award

### Current Contract/Original Developer/OEM (if recompete)

- TSCII / Symvionics

### Point of Contact

Name: Mike Merritt  
Organization: NAWCTSD, Aviation  
Phone: 407-380-4595  
Email: mike.merritt@navy.mil
### Description/Summary of Program Requirements

Procurement of USMC Enlisted Aircrew (EAC) Training Products including the Marine Corps Common Aircrew Trainer

- UH-1Y
- MV-22
- KC-130
- CH-53

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<th>Milestones</th>
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</table>
| • Full and Open       | • Base period plus any planned options | • $18M – $36M  
  • approximation, actual budget not yet determined (unfunded) | 3rd Qtr FY 11  
  RFP Release | 2nd Qtr FY 12  
  Contract Award |

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</table>
| Name: Mike Merritt  
Organization: NAWCTSD, Aviation  
Phone: 407-380-4595  
Email: mike.merritt@navy.mil | • New Requirement |
## Description/Summary of Program Requirements

- New procurement of Air Traffic Control Tower (ATCT) simulators for fleet-wide use
- Simulators and Courseware required to support initial training and proficiency of personnel on ATCT positions

### Acquisition Strategy
- Full and open
- Single award
- Multiple options

### Period of Performance
- Base period plus any planned options

### Funding
- Approximately $20 million

### Milestones

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<tr>
<th>Milestones</th>
<th>3rd Qtr FY 11</th>
<th>1st Qtr FY 12</th>
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### Point of Contact
- Name: Mike Merritt
- Organization: NAWCTSD
- Phone: 407 380-4595
- Email: mike.merritt@navy.mil

### Current Contract/Original Developer/OEM (if recompete)
- New Requirement
**Description/Summary of Program Requirements**

Procurement of curriculum update, revision and enhancement management, administration and support of Naval Aviation Fleet Replacement Squadrons (FRS) of existing F/A-18C/D/E/F and Strike Fighter Weapons Schools (SFWS), Pacific and Atlantic training curriculum and presentation media at four (4) sites: VFA-125 and VFA-122, NAS Lemoore, CA, VMFAT-101, MCAS Miramar, CA and VFA-106, NAS Oceana, VA. Additionally, provide support for the Strike Fighter Advanced Readiness Program (SFARP) at NAS Fallon, NV, NAS Key West, FL and other deployed sites. This support provides on-site data collection and off-site analysis and reporting of the tactics and weapons deliveries conducted by the various Carrier Air Wing (CVW) F/A-18 squadrons during the flight syllabus portion of SFARP. This effort will require interface with the FRS and SFWS Program Management Office, NAVAIR, NAWCTSD Program Integrated Product Teams (IPTs), CNAF sponsors, and participation in F/A-18C/D/E/F NATOPS conferences and other technical meetings to support currency management of the training system.

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<tbody>
<tr>
<td>• ISD MAC</td>
<td>• Base period plus 4 one year options</td>
<td>3rd Qtr FY 11</td>
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<td></td>
<td>RFP Release</td>
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<tbody>
<tr>
<td>Name: Mike Merritt</td>
<td>• Total Estimated Funding $17M</td>
<td>• Incumbent - L3 COMM / D.P. Associates</td>
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<tr>
<td>Organization: NAWCTSD, Aviation</td>
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• Used for acquisitions >$10K

• Does not serve as a substitute for Government Point of Entry posting requirements for acquisitions >$25K (i.e. “www.fedbizopps.gov”)

• Includes acquisitions conducted under NAWCTSD’s Multiple Award Contracts
BACKUP SLIDES
• Authority
  • AIR-00 → AIR-2.0 → AIR-2.5 → AIR-2.5.3
  • Unlimited obligation authority

• Purpose
  • Pursuit of fulfillment of NAWCTSD mission
  • Provide independent contracting advice
  • Seamless AIR-2.0 competency support

• Objectivity
  • Directly aligned and subordinate to AIR-2.5/AIR-2.0
  • Policy support provided by AIR-2.1
  • Procuring Activity Competition Advocate function
• **Training Systems Contract (TSC) II MAC**
  - Primary Scope: Lot I: Training systems and modifications
    Lot II: Instructional System Design (ISD) products and services (including courseware R&M)
  - Awarded August 2003 to nineteen prime contractors
  - Ordering period extends through August 2011
  - Ceiling amount of $3B
  - PCO: Derrick Jones

• **Fielded Training Systems Support (FTSS) II MAC**
  - Primary Scope: Contractor Operation and Maintenance Services
    Contractor Instructional Services
    In-Service Engineering Office Support Services
  - Awarded March 2005 to eleven prime contractors
  - Ordering period extends through April 2010
  - Ceiling amount of $800M
• **Seaport-e Task Order**
  • Primary Scope: Contractor Support Services to NAWCTSD
    • Program management, engineering, and logistics competencies
  • Awarded March 2006 to Kaegan Corporation
  • Services extend through March 2011
  • Estimated ceiling amount of $110M
FTSS II Prime Contractors

- Boeing Aerospace Operations, Inc.
- CAE USA, Inc.
- Computer Sciences Corporation
- Cubic Worldwide Technical Services, Inc.
- Engineering Support Services, Inc. (SDB)
- Fidelity Technology Corp.
- Flight Safety Services Corp.
- L3 Communications - LINK Simulation and Training
- LB&B Associates, Inc.
- Lockheed Martin Information & Technology Services
- Proactive Technologies, L.L.C. (SDB)
• Aero Simulation, Inc. (SB)
• Boeing Company
• CAE USA, Inc.
• DEI Services Corp. (SDB)
• L3 Communications Government Services, Inc.
• Indra Systems
• J.F. Taylor, Inc. (SB)
• L3 Communications LINK Simulation and Training
• Lockheed Martin Information Systems
• Rockwell Collins Simulation and Training Solutions
• Northrop Grumman Information Technology
• Science Applications international Corp.
• Symvionics (SB)
TSC II Lot II Prime Contractors

- EDO Professional Services
- Boeing Company
- American Systems Corp.
- General Dynamics Information Technology
- Carley Corp. (WOSB)
- Delex Corp. (SB)
- Don Patterson Associates
- Lockheed Martin Information Systems