Gov’t/Industry IPT Meeting

04 December 2008
Orange County Convention Center
Orlando, FL
<table>
<thead>
<tr>
<th>AGENDA</th>
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</thead>
<tbody>
<tr>
<td>Government/Industry IPT</td>
<td></td>
</tr>
<tr>
<td>Welcome</td>
<td>Charles Betterson</td>
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<tr>
<td>Remarks</td>
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<tr>
<td>Topic</td>
<td>Presenter</td>
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AIR-2.5.3 I/ITSEC Brief
ITEMS

• Organizational Overview and Contracting Authority/Purpose/Guidance

• Multiple Award Contracts Update
  - Current Status
  - Award Information

• Standup of Follow-on Multiple Award Contracts

• NAWCTSD Business Opportunities website

• FAR Case 2007-006, Contractor Business Ethics Compliance Program and Disclosure Requirements
NAWCTSD
AIR-2.5.3 Organizational Structure
(continued)

Division Head
2.5.3.1
x8172
Team Lead PCO
x8020
Team Lead PCO
x4475
Team Lead PCO
x4017
2.5.3E
Electronic
Acquisition
x8037
Division Head
2.5.3.2
x4350
Team Lead PCO
x4108
Team Lead PCO
x4064
Team Lead PCO Vacant
Division Head
2.5.3.3
x8170
Team Lead PCO
x4524
Team Lead PCO
x4473
Team Lead PCO
x8631
Team Lead PCO
x4085
Division Head
2.5.3.4
x4083
Team Lead PCO
x8487
Team Lead PCO
x4048
Team Lead PCO
x4054
Deputy for Small Business
x8253
Contracting
Authority/Purpose/Guidance

• **Authority**
  - AIR-00 → AIR-2.0 → AIR-2.5 → AIR-2.5.3

• **Purpose**
  - Pursuit of fulfillment of NAWCTSD mission
  - Seamless AIR-2.0 competency support

• **Guidance**
  - FAR → DFARS → NMCARS → NAVAIR
  - Approval thresholds for acquisition and contracting activity
Multiple Award Contracts Update Current Status

• **TSC II**
  - Ordering period extends through August 2011
  - Ample ceiling remains (~47% expended)

• **FTSS II**
  - Ordering period extends through March 2010
  - Adequate ceiling remains (~70% expended)

*Data provided is as of 1 November 2008*
# TSC II Award Information
(As of 1 November 2008)

<table>
<thead>
<tr>
<th>Contractor</th>
<th># of Delivery Order Awards</th>
<th>Cumulative Obligations ($)</th>
<th>Cumulative Value ($)</th>
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<td>ASI</td>
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<td>L3 LINK</td>
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<td>220,566,931</td>
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## TSC II Award Information
(continued)
(As of 1 November 2008)

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<tr>
<th>Contractor</th>
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<th>Cumulative Value ($)</th>
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<tbody>
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<td>Rockwell</td>
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<td>Northrop Grumman</td>
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<td>Boeing</td>
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<td>43,869,855</td>
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<td>Carley</td>
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## TSC II Award Information

(continued)

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<tbody>
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<td>969,555,541</td>
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# FTSS II Award Information
(As of 1 November 2008)

<table>
<thead>
<tr>
<th>Contractor</th>
<th># of Task Order Awards</th>
<th>Cumulative Obligations ($)</th>
<th>Cumulative Value ($)</th>
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<tbody>
<tr>
<td>Boeing</td>
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<td>Cubic</td>
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<td>ESP</td>
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<td>Fidelity</td>
<td>5</td>
<td>59,700,713</td>
<td>126,082,859</td>
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## FTSS II Award Information
(continued)
(As of 1 November 2008)

<table>
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<th>Cumulative Obligations ($)</th>
<th>Cumulative Value ($)</th>
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</thead>
<tbody>
<tr>
<td>L3 LINK</td>
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<td>27,405,077</td>
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<td>Proactive</td>
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<td>5,191,185</td>
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<td>TOTAL</td>
<td>35</td>
<td>266,928,347</td>
<td>560,358,115</td>
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</table>
Standup of Follow-on MACs

• In short, “TBD” – Discussions on-going with key government stakeholders

• Key considerations include:
  - Socio-economic considerations
    • Sustainment of a viable base of small business concerns
    • Various categories of small business concerns
  - “Fair opportunity” process
  - Length of ordering period
  - Anticipated efficiencies
  - Initial personnel and financial investment for both government and industry

• Decision anticipated 2\textsuperscript{nd} Quarter FY09

• If a “go,” then anticipate extensive upfront participation
NAWCTSD Business Opportunities website


• Used for acquisitions >$10K

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

• Includes acquisitions conducted under NAWCTSD’s Multiple Award Contracts
FAR Case 2007-006, Contractor Business Ethics Compliance Program and Disclosure Requirements

- Implements “The Close the Contractor Fraud Loophole Act,” Pub. L. 110-252, Title VI, Chapter 1
- Final rule published in the Federal Register
- Effective date of 12 December 2008
- Numerous regulatory (i.e. FAR) updates
- Highlights
  - Amplifies requirements for a contractor code of business ethics and conduct, an internal control system, and disclosure to the Government of certain violations of criminal law, violations of the civil False Claims Act (FCA), or significant overpayments
  - Provides for the suspension/debarment for knowing failure by a (company) principal to timely disclose, in writing, to the agency Inspector General, copy to the contracting officer, certain violations of criminal law, violations of the civil FCA, or significant overpayments
Questions?
AGENDA
Government/Industry IPT

Welcome
Remarks
Commanding Officer NAWCTSD
Commanding Officer PMTRASYS
Customer Support Group PEOSTRI
Industry Concerns
Contracts Update (NAWCTSD)
Contracts Update (PEOSTRI)
NAWCTSD Process Improvement
Work Break Down (WBS) Update
Discussion Items
Concluding Remarks

Charles Betterson
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COL Kelly
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All
Charles Betterson
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Industry IPT Brief
NAWCTSD Project ACQcel
Background

- July 07 - NAWCTSD leadership engages AIRSpeed
- Aug thru Sep 07 – AIRSpeed conducts Strategic Assessment
- Oct 07 to June 08 – Command considers assessment findings, recommendations, & risks
- 06 Aug 08 - Project ACQcel launched
Strategic Assessment Recommendations

• **32 opportunities identified & linked to strategy**

• **Two proposed paths to accomplish:**

**Path 1** – Individual projects using Define Measure Analyze Improve Control (DMAIC) model

  **Pros:**
  • Accomplishes strategy
  • Low change management risk
  • Medium internal benefit

  **Cons:**
  • 3.5 years to complete
  • 40 – 50 personnel to support
  • “Band-aid” improvement
  • Low external benefit

**Path 2** – Single project using Design For Lean Six Sigma and Define Measure Explore Develop Implement (DMEDI) model

  **Pros:**
  • Accomplishes strategy
  • 1.5 years to complete
  • Systemic improvement
  • 15 Personnel to support
  • High internal benefit
  • High external benefit

  **Cons:**
  • Higher change management risk
Problem/Goal Statement

Problem:
The acquisition process for acquiring training solutions has experienced issues in the areas of: speed, quality, and costs. The average total process cycle time (PCT) exceeds the average total available time between customer order receipt and negotiated customer actual delivery date which has resulted in missed delivery dates, product quality issues, and cost overruns.

Goals:
Reduce the acquisition process median PCT to 50% of the total available time between customer order receipt and negotiated customer actual delivery date for all Warfare Area programs while increasing current process quality levels and decreasing current process costs.

Business Impact

The acquisition process for acquiring training solutions has experienced issues in the areas of: speed, quality, and costs. The average total process cycle time (PCT) exceeds the average total available time between customer order receipt and negotiated customer actual delivery date. This is resulting in missed delivery dates, product quality problems, cost overruns, and high frustration levels in both TSD customers and TSD employees.

- Type I - TBD
- Type II - $28 Million
- Type III - Increased customer satisfaction, reduced employee frustration, and increased morale.

Core Team

PS - CAPT Harry Robinson/Robert Matthews
DC - Dan Owens
MBB - Mike Meaney; Rex Groves (GG)
BB - Amy Bostick;
Team Lead - Rosanne Schwerman
PMA-205 SME - CDR Miguel Ortiz
SME’s TSD 1.0 - Michael Merritt, Dan Patton, Paul Honold, Steve Minning & Mike Kolb
SME TSD 2.5 - Timothy Cichon
SME TSD 4.6 - Inez Kelly
SME TSD 7.8 - Laurie Keister
SME TSD 11.0 - Geoffrey Chun
SME TSD 6.0 - Claude (Nick) Nichols
SME TSD 10.0 - Gerald Dunn

DFLSS Tollgate Review Schedule

<table>
<thead>
<tr>
<th>Tollgate</th>
<th>Scheduled</th>
<th>Revised</th>
<th>Complete</th>
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<tr>
<td>Team Launch:</td>
<td>08/04/08</td>
<td>08/06/08</td>
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<tr>
<td>Define:</td>
<td>09/26/08</td>
<td>10/07/08</td>
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<tr>
<td>Measure:</td>
<td>11/28/08</td>
<td>12/11/08</td>
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<tr>
<td>Explore:</td>
<td>01/09/09</td>
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<td>XX/XX/09</td>
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<td>Develop:</td>
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<tr>
<td>Implement:</td>
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<tr>
<td>Validate:</td>
<td>10/30/09</td>
<td>XX/XX/09</td>
<td>XX/XX/09</td>
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Team focus is on identifying constraint (Lean) and reducing variation (Six Sigma)
Project ACQcel

Team activity by DFLSS phase:

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<tr>
<th>Define</th>
<th>Measure</th>
<th>Explore</th>
<th>Develop</th>
<th>Implement</th>
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<tbody>
<tr>
<td>• Charter</td>
<td>• Quality Function Deployment</td>
<td>• Functional Analysis</td>
<td>• Detail Design Analysis</td>
<td>• Piloting</td>
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<tr>
<td>• VSA</td>
<td>• Function Deployment</td>
<td>• High Level Design</td>
<td>• Conjoint Analysis</td>
<td>• Simulation</td>
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<tr>
<td>• VOC</td>
<td>• Kano</td>
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<tr>
<td>• Simulation</td>
<td>• Scorecards</td>
<td></td>
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</table>

Personnel resource demand curve by phase:

- **Project is front loaded**

Time Demand

- **Start**
- **End**

Progress as of 12-01-08

- **Started**
- **End (est)**

- **8-6-08**
- **4-17-09**
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05/25/17
Training System

Work Break-Down Structure (WBS) Update
WBS Time Line

What we did
• Kick off Working Group
• Received input from Industry/DoD Partners
• Re-staffed WBS/made clarifications as appropriate
• Test WBS structure in OSD interest and smaller procurements

Where are we now
• Capturing issues/concerns

Where we are going
• Staff/Get buy in from functional stake holders
• Gain OSD staff concurrence
1.0 Training System (TS)

1.1 Training Prime Mission Product
- Crew WorkStation
- Aural Generation & Communications System
- Visual System
- Instructor Operating Station (IOS)
- Data Processing / Computational System
- System Software & Databases
- Brief/Debrief System
- Weapon Sensors & Countermeasures
- Motion System
- Enclosure System
- PMP Application Software
- Integration, Assembly, Test & Test Checkout

1.2 Training & Instructional Systems
- Master Syllabus
- Courseware & Instructional Materials
- Instructional System Hardware
- Instructional System Tools
- New Equipment Training

1.3 System Integration
- Final Assembly
- Hardware/Software Integration
- Interoperability & Networking

1.4 System Eng / Program Mgt

1.5 Test & Evaluation
- Development T&E
- Mock-Ups/SILs
- T&E Support
- Test Facilities
- Instructional System Test & Evaluation

1.6 Common Support Equipment
- Production Equipment
- Software Support Environment
- Diagnostic Support Equip

1.7 Data
- Assembly Plans
- Data Depository
- Engineering Data
- Instruction System Source Files
- Integration Plans
- Management Data
- Support Data
- System Documentation

1.8 Provisioning (Spares) & Repair Parts
- Technical Publications
- Test Plans
- Test Procedures

1.9 Site Activation
- Facilities
- Delivery & On-Site Install

1.10 Fielded System Support
- ICS
- Post Deployment Software Support
- Post Deployment Hardware Support

1.0 Training System (TS)

1.1 Training Prime Mission Product
- Crew WorkStation
- Aural Generation & Communications System
- Visual System
- Instructor Operating Station (IOS)
- Computational System
- Brief/Debrief System
- Weapon Sensors & Countermeasures
- Trainer Motion System
- Trainer Enclosure
- PMP Application Software
- System Software & Databases

1.2 Training & Instructional Systems
- Master Syllabus
- Courseware & Instructional Materials
- Instructional System Hardware
- Instructional System Tools
- New Equipment Training

1.3 System Engineering & Program Management
- System Engineering (ILS/Non ILS)
- Program Mgt (ILS/Non ILS)

1.4 System Integration
- Interoperability & Networking
- Hardware/Software Integration

1.5 Test & Evaluation
- System Engineering & Program Mgt
- Development T&E
- Mock-Ups/SILs
- T&E Support
- Test Facilities
- Instructional System Test & Evaluation

1.6 Peculiar Support Equipment
- Test measurement Equipment
- Support & Handling Equipment

1.7 Common Support Equipment
- Test measurement Equipment
- Support & Handling Equipment

1.8 Data
- Technical Publications
- Engineering Data
- Management Data
- Support Data
- Data Depository

1.9 Site Activation
- System Assembly Test & Checkout on Site
- Contractor Technical Support
- Site Conversion

1.10 Initial (Spares) & Repair Parts

Questions?
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05/25/17
CLOSING REMARKS
2009 Training & Simulation Industry Symposium (TSIS)
Orlando, Florida
10-11 June 2009

Today’s Presentation will be posted on our web-site:
http://nawctsd.navair.navy.mil