

Live Training Transformation
(LTT)
and
One Semi-Automated Force
(OneSAF)
Integration and Development
Environment (IDE)

SETA Task Order Kickoff Meeting

8 Nov 2000

Agenda

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IDE Government Team

Contracts

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PCO

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LTT

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Chief Engineer

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IDE TO Schedule

- | | |
|---|----------------|
| 1. Kickoff Brief | 8 November |
| 2. Follow-on discussions | 13-22 November |
| 3. Proposals Due and Oral Presentations | 4 December * |
| 4. Award Notification | 11 December + |
| 5. IDE Stand-up | 1 Feb # |

* The OneSAF and LTT teams are coordinating schedules for an exact date, but this is the earliest date the Government will consider. It is the Government's intent to make an award prior to 20 December so as not to conflict with the winter holidays, and in order to be prepared to begin establishing the IDE as soon as possible after 1 January 2001.

+ First period of performance will actually begin immediately upon award of the TO.

This date may be traded-off in order to get a better long-term solution for the IDE.

Statement of Objectives (SOO) Overview

1.0 Background

- LTT and OneSAF are both starting Product Line development.
 - Both require an Integration and Development Environment (IDE) provided independently of development contract vehicles.
 - Cost efficiencies and greater reuse opportunities through collocation.
- Each program will have unique needs:
 - OneSAF
 - All or most of program work effort will be performed in the IDE - need more space and equipment.
 - OneSAF Test Bed (OTB) - existing product that needs to move in ASAP.
 - LTT
 - Only system-level integration and test required to be performed in the IDE, although development is not ruled out.
 - Live domain hardware will be resident in the IDE (MILES, SAWE, TWGS/PGS, LPDD, etc.) requiring greater storage space.
 - Eventually may want to “instrument” the IDE (RF telemetry requirements).

2.0 Task Order Objectives

- Single TO, but two distinct customers.
 - Period of performance/funding may split in future.
- Unique and common requirements.
 - 2.1 Establish the IDE:
 - Near STRICOM.
 - Build-out for each team.
 - Plan for management and equipment installation.
 - 2.2 Operate the IDE
 - Total Turn-Key support.
 - Asset accountability and change management.
 - 2.3 Disestablish IDE
 - May be one team at a time.

3.0 Technical Objectives

- 3.1 IDE assets and technical services
 - System Administrator.
 - Maintenance, Training and Help.
 - New technology insertion.
- 3.2 Configuration Management
 - Custodial agent for both teams.
- 3.3 Collaborative Development
 - Be prepared to respond to multi-contractor environment challenges!

Example CM Tasks

- Configuration Status Accounting (via the world wide web)
 - Track, monitor and report Problem/Trouble Reports.
 - Track, monitor and report Software Change Requests.
 - Manage website (access to, modifications, etc.).
 - Manage document repository.
- Production Configuration Management
 - Manage and administer baseline in CM tool (may be different tools for each team).
 - Maintain the Configuration Library.
 - Configuration Audits (assure that the actual changes to the baseline match the Software Change Requests).

4.0 Program Objectives

- 4.1 Working Relationships
 - Associate Contractor Agreements (ACA).
 - Protect proprietary information.
 - New and departing team members.
- 4.2 Security
 - Certification and Accreditation Process.
 - Still some uncertainty as to applicable standards.
- 4.3 Overhead
 - Keep it low.
- 4.4 Support both IPTs
 - Government will appoint IDE Coordinator(s) to assist.

Proposal Process

IDE Proposal Submission Process

Written proposals will be limited to 25 pages, including cost, and should be kept at a summary level of detail wherever possible. The Government will utilize Alpha Contracting techniques to develop detailed contractual documents such as a Statement of Work with the selected contractor following an award decision, so these type documents need not be submitted as part of the proposal.

Oral presentations should be limited to a maximum of two (2) hours. It is recommended that time be allotted for questions during or at the end of this time period.

IDE Proposal Evaluation Criteria

In Order Of Importance

1. **Accessibility** - The proposal will be evaluated as to how close the IDE is to STRICOM HQ, work space configuration, work environment, and growth potential to meet the objectives stated in the SOO.
2. **Technical** - The proposal will be evaluated to determine the offeror's knowledge, experience and capabilities related to modern large-scale development environments. The capacity, capability and growth potential of the proposed network communication infrastructure will be considered. The approach for system administration, facility stand-up and configuration management functions will be evaluated.
3. **Cost** - The cost proposal will be evaluated to determine affordability for equipping, operating and maintaining the facility. Recurring costs (over period of performance) and non-recurring costs will be evaluated. Contract will be Time and Materials based. Evaluation will consider proposed labor mix realism to determine labor affordability.
4. **Management** - The proposal will be evaluated on the adequacy of the labor mix and key positions planned to support the objectives of the SOO.

Estimating Guidance

Workspace Estimate

	FY 01		FY 02	
	LTT	OneSAF	Max LTT	Max OneSAF
People Supported				
Developers	33	80	33	100
Government	9	15	9	20
Allocation				
Offices	11	30	11	30
Cubes	31	65	31	90

Comments: Government estimates suggest between 25,000 and 30,000 square feet will be required to meet total needs. This space will likely be split approximately 1/3 to LTT and 2/3 to OneSAF. Market survey suggests lease will cost between \$10 and \$20 per square foot per annum.

IDE Lab and Common Areas

- Lab Areas.
 - Accommodate a lab space and environment for each team.
- Conference Rooms.
 - At least one large meeting area (up to 30 persons).
 - At least two small meeting areas per team (up to 12 persons).
 - All areas should be multi-media equipped or capable.
- Storage space.
- Maintenance space.
- Break room.

ADP Estimate

	FY 01		FY 02	
High End workstations	LTT	OneSAF	Max LTT	Max OneSAF
Development	42	95	42	120
Lab	4	30	10	40

Note: Includes platform and appropriate software.
Detailed system configuration requirements will be driven by development teams.

Labor Requirements

- Configuration Management:
 - Includes Configuration Status Accounting and Production Configuration Management for each team.
- System Administrator
 - Includes LAN/Network and telecommunications support, anytime email/internet access for entire development/government team, server environment that will support data sharing for each team.
- Facility Management
- Security
- Reception
- Maintenance (includes janitorial)

IDE Budget Guidance

- The Government estimates between 25,000 and 30,000 square feet will be required to meet total needs, likely split 1/3 to LTT and 2/3 to OneSAF. Market surveys suggest lease will cost between \$10 and \$20 per square foot per annum.
- Rough material (non-recurring) budgets for FY01:
 - LTT- \$550K
 - OneSAF - \$1,300K
- Rough recurring budgets for FY01 and FY02 (excluding labor, but including software license costs and miscellaneous operating expenses):
 - LTT - FY01 - \$150K, FY02 - \$300K
 - OneSAF - FY01 - \$300K, FY02 - \$600K

Questions?