Common Hardware Software - 3

Mr. Randall Matura

Chief, Business Management Division

PM Ground Combat Command and Control

(732) 427-3303

Randall.Matura@c3smail.monmouth.army.mil

Report Documentation Page

Report Date	Report Type	Dates Covered (from... to)
06MAY2002	N/A	06MAY2002 - 07MAY2002

Title and Subtitle Common Hardware Software - 3	**Contract Number**
	Grant Number
	Program Element Number
Author(s) Matura, Randall	**Project Number**
	Task Number
	Work Unit Number
Performing Organization Name(s) and Address(es) PM Ground Combat Command and Control	**Performing Organization Report Number**
Sponsoring/Monitoring Agency Name(s) and Address(es) Department of the Army HQ U.S. Army Communications-Electronics Command and Fort Monmouth Fort Monmouth, NJ 07703-5000	**Sponsor/Monitor's Acronym(s)**
	Sponsor/Monitor's Report Number(s)

Distribution/Availability Statement
Approved for public release, distribution unlimited

Supplementary Notes
See also ADM001406, non-print version on CD-ROM. Conference briefings from Advance Planning Briefing for Industry(APBI) held May 6-7, 2002., The original document contains color images.

Abstract

Subject Terms

Report Classification unclassified	**Classification of this page** unclassified
Classification of Abstract unclassified	**Limitation of Abstract** UU

Number of Pages
10

Common Hardware Software - 3

Common Hardware Systems Mission

- Manage the acquisition process for Common Hardware and Commercial Off the Shelf (COTS) Software.

- Ensure that all delivered hardware and software meet the requirements of the contract, statement of work, and product specifications

- Manage the processing of all CHS engineering change proposals, orders, and task orders to ensure delivery of products on schedule and within cost.

- Ensure incorporation of Technology Insertion into the CHS product lines (hardware and software) IAW PEO C3T strategic plans and as required to support customer needs.

Common Hardware Software - 3

Purpose

Provide a standard suite of (commercial and rugged) computers, peripherals, software and programming support environment components that will operate and survive in the battlefield. CHS-3 is targeted for the Army's command and control systems, and is also available for all DoD and Federal Agencies.

Common Hardware Software - 3

Strategy

Competitive procurement of COTS and enhanced non-developmental hardware and software.

- Best Value Award

- Indefinite Quantity Indefinite Delivery (IDIQ)

- 10 Year Contract; with 5 Years of Warranty (minimum) from date of delivery

- 3 Versions of products:
  - V1 - Commercial/Commercial with minor modifications
  - V2 - Ruggedized for survivability in tactical environment
  - V3 - Near Mil-Spec

- Technology Insertion

- Technical Assistance and Support Services (TASS)

Generic Examples of V1/V1+, V2, & V3

V1, Commercial

V1+, Commercial Rugged

V2 Fully Rugged

V3 Near MIL-SPEC Rugged

PC

Rack-mounted server

Rugged Laptop

Tactical Lightweight Computer

Tactical Comms Device

Tactical Rack-mounted Server

Tactical Portable Computer

Common Hardware Software - 3

<u>Hardware</u>

- Computers: Servers, workstations, handheld computers, notebook computers, PDA's
- Displays: Flat panels, medium and large screen displays, multi-tiled displays, projectors
- Storage: Mass storage devices, RAID systems, removable hard disk drives
- Power Supplies: Uninterruptible power supplies (UPS), power converters, power conditioners
- Peripherals: Printers, scanners, Fax machines, special purpose boards
- Network devices: Routers, Switches
- Tactical communications modem devices
- Cables, mounting kits, transit cases
- Programming Support Environment (PSE) Hardware

Common Hardware Software - 3

COTS Software

- UNIX and Windows Operating Systems

- Graphical User Interface

- Data Communications Software

- Word Processing

- Relational Database Management System

- Spreadsheet

- Business Graphics and Presentation Package

- Malicious S/W Detection and Prevention

- Programming Support Environment (PSE) Software

Common Hardware Software - 3

<u>Technical Assistance and Support Services</u>

Ten Year Time And Material Portion Of Effort

- Includes, But Not Limited To:

  - Out of Warranty Repair

  - Support for BFACS Materiel Fielding

  - Analysis of CHS-3 Hardware and Software Requirements

  - Integration of HW/SW Into New or Existing Systems.

  - Training Packages

- Tasks Are Defined By And Funded By Customers

Common Hardware Software - 3

Challenges

- 10 years of pricing

- Dealing with obsolescence

- Incorporating new technologies

Common Hardware Software - 3

__Contract Information__

- Objective: Purchase a family of (commercial and rugged) common hardware, peripherals, common software and programming support environment to satisfy user requirements for the input, processing, storage, retrieval, reproduction, presentation and transmission of data that will operate and survive in the battlefield.

- Contract Type: IDIQ with Firm Fixed Price and Time & Materials features

- Estimated Value: $2B ceiling over 10 years

- Key Milestones:
  - Draft RFP released to Industry - 7/02
  - RFP Release - 10/02
  - Award 5/03

- Technical Contact: George Chan, 732-427-0507

- Acquisition Contact: Ms. Mona Thomas, 732-427-1540

- Solicitation #: DAABO7-02-R-E002