ADVANCE PLANNING BRIEFING FOR INDUSTRY

"OMNIBUS SUPPORT CONTRACTING AT CECOM"

SHERATON EATONTOWN HOTEL & CONFERENCE CENTER
JUNE 24, 1993
UNITED STATES ARMY
COMMUNICATIONS-ELECTRONICS COMMAND

FORT MONMOUTH, NEW JERSEY

ADVANCE PLANNING BRIEFING FOR INDUSTRY

"OMNIBUS SUPPORT CONTRACTING AT CECOM"

SHERATON EATONTOWN HOTEL & CONFERENCE CENTER
JUNE 24, 1993
Office of the Commanding General

Ladies and Gentlemen:

On behalf of the Communications-Electronics Command (CECOM) and the C3I community, I am pleased to present to you the proceedings of the Advance Planning Briefing for Industry (APBI). The subject of the APBI is Omnibus Support Contracting at CECOM, an initiative by which CECOM will consolidate service contracts to meet its mission in a more effective and streamlined manner. The objective of this publication is to encourage an exchange of information which will assist CECOM in fulfilling its contracting requirements while providing industry with fair and equitable business opportunities.

Government and Industry must continue working together to meet the Army's needs with lower operational and support costs. I want you to understand the Command's perspective on Omnibus and welcome the business community's feedback to this approach. This will enhance the ability of this Command to finalize a strategy which makes good business sense in the consolidation of business contracts at Fort Monmouth.

I welcome your participation in our APBI program.

Sincerely,

Otto J. Guenther
Major General, U.S. Army
Commanding
NOTICE

This publication contains the briefings presented during this Advance Planning Briefing for Industry (APBI). Following the APBI, you may obtain a Proceedings Book for a minimum fee, by contacting the Defense Technical Information Center (DTIC). The telephone number is (703) 274-7633.

We hope that the above publication proves beneficial to your long-range planning efforts. If you have any additional questions and/or suggestions, please contact the Program Analysis and Evaluation Directorate, AMSEL-PE-OD, ATTN: Mari Aufseeser, (908) 532-5054.
DISCLAIMER

The use of trade names in this report does not constitute official endorsement of any products. This report may not be cited for purposes of advertisement.

The information provided is accurate as of the time of publication, and may be subject to change.
THE OVERALL CLASSIFICATION OF THIS PUBLICATION IS UNCLASSIFIED
ADVANCE PLANNING BRIEFING FOR INDUSTRY

24 JUNE 93
SHERATON EATONTOWN HOTEL AND CONFERENCE CENTER
EATONTOWN, NEW JERSEY

MEETING CHAIRMAN
MR. EDWARD G. ELGART
DIRECTOR, C3I ACQUISITION CENTER, CECOM

AGENDA

WEDNESDAY, 23 JUNE 93
1800 - 2000 PRE-REGISTRATION

THURSDAY, 24 JUNE 93
0700 REGISTRATION
0815 ADMINISTRATIVE REMARKS
0820 WELCOMING REMARKS
Mr. Edward G. Elgart
C3I Acquisition Center, CECOM
0825 OMNIBUS OVERVIEW
Mr. Edward G. Elgart
C3I Acquisition Center, CECOM
0840 BEST VALUE
Mr. Patrick V. Terranova
Legal Office, CECOM
0855 SMALL BUSINESS AND OMNIBUS
Mr. Peter T. Capozzoli
Small and Disadvantaged Business
Utilization Office, CECOM
0910 QUESTIONS AND ANSWERS
0920 BREAK
0940 SED CONSOLIDATED CONTRACTUAL PROGRAM
Mr. Eugene J. Boyle
Software Engineering Directorate, CECOM
CECOM OMNIBUS SUPPORT CONTRACT REQUIREMENTS FOR THE INTELLIGENCE AND ELECTRONIC WARFARE DIRECTORATE TODAY AND TOMORROW
Mr. Joseph M. DelVecchio
Intelligence and Electronic Warfare Directorate, CECOM

SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE OMNIBUS CONTRACTING OPPORTUNITIES
Mr. Thomas J. Sheehan
Space and Terrestrial Communications Directorate, CECOM

CECOM OMNIBUS SUPPORT CONTRACT REQUIREMENTS FOR THE NIGHT VISION AND ELECTRONIC SENSORS DIRECTORATE
Mr. Larry L. Fillian
Night Vision and Electronic Sensors Directorate, CECOM

OMNIBUS CONTRACTING FOR COMMAND/CONTROL AND SYSTEMS INTEGRATION DIRECTORATE
Mr. Robert I. Main
Command Control and Systems Integration Directorate, CECOM

QUESTIONS AND ANSWERS

LUNCH

CONTRACTUAL SUPPORT REQUIREMENTS FOR THE C3I LOGISTICS & READINESS CENTER
Mr. Ronald G. DaPonte
Logistics and Maintenance Directorate, CECOM

QUESTIONS AND ANSWERS

BUSINESS FUNCTIONAL AREA
Mr. James Montemorano
Resource Management Directorate, CECOM

SAFETY FUNCTIONAL AREA
Mr. Barry J. Silber
Safety Office, CECOM

QUESTIONS AND ANSWERS

BREAK

EXECUTIVE PANEL

Mr. Edward G. Elgart
Director, C3I Acquisition Center, CECOM
Mr. Colin F. MacDonnell, Jr.
Director, C3I Logistics & Readiness Center, CECOM

Mr. Frank E. Fiorilli
Director, Resource Management, CECOM

Mr. Burton Resnic
Associate Director for Operations, Research, Development
& Engineering Center, CECOM

Mr. Robert Saphro
Deputy Chief Counsel, Legal Office, CECOM

Mr. Arthur C. Widmaier
Chief, Small and Disadvantaged Business Utilization Office,
CECOM

1545 CLOSING REMARKS
Mr. Edward G. Elgart
C3I Acquisition Center, CECOM
## CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELCOMING REMARKS</td>
<td>1</td>
</tr>
<tr>
<td>PRESENTATIONS</td>
<td></td>
</tr>
<tr>
<td>Omnibus Overview</td>
<td>3</td>
</tr>
<tr>
<td>Best Value.</td>
<td>9</td>
</tr>
<tr>
<td>Small Business and Omnibus</td>
<td>17</td>
</tr>
<tr>
<td>SED Consolidated Contractual Program</td>
<td>23</td>
</tr>
<tr>
<td>CECOM Omnibus Support Contract Requirements for the Intelligence and Electronic Warfare Directorate Today and Tomorrow</td>
<td>64</td>
</tr>
<tr>
<td>Space and Terrestrial Communications Directorate Omnibus Contracting Opportunities</td>
<td>79</td>
</tr>
<tr>
<td>CECOM Omnibus Support Contract Requirements for the Night Vision and Electronic Sensors Directorate</td>
<td>97</td>
</tr>
<tr>
<td>Omnibus Contracting for Command/Control and Systems Integration Directorate</td>
<td>111</td>
</tr>
<tr>
<td>Contractual Support Requirements for the C3I Logistics &amp; Readiness Center</td>
<td>129</td>
</tr>
<tr>
<td>Business Functional Area</td>
<td>153</td>
</tr>
<tr>
<td>Safety Functional Area</td>
<td>163</td>
</tr>
<tr>
<td>CLOSING REMARKS</td>
<td>171</td>
</tr>
<tr>
<td>SYMPOSIUM PARTICIPANTS</td>
<td>179</td>
</tr>
</tbody>
</table>
OMNIBUS SUPPORT CONTRACTING
AT CECOM

WELCOMING REMARKS

MR. EDWARD G. ELGART
DIRECTOR, C3I ACQUISITION CENTER
OMNIBUS SUPPORT CONTRACTING
AT CECOM

CECOM'S STRATEGIES FOR THE FUTURE

OMNIBUS OVERVIEW

MR. EDWARD G. ELGART
DIRECTOR, C3I ACQUISITION CENTER
OMNIBUS CONTRACTING
LONG TERM GOALS

3 DOMAINS

* BUSINESS AND INFORMATION SYSTEMS
* LOGISTICS AND READINESS
* RESEARCH, DEVELOPMENT AND ENGINEERING
BUSINESS/INFORMATION SYSTEMS DOMAIN

3 FUNCTIONAL AREAS

INFORMATION SYSTEMS

INDUSTRIAL HYGIENE

HEALTH PHYSICS

BUSINESS
LOGISTICS READINESS DOMAIN

IEW
INTEGRATED LOG SPT
MAINTENANCE SPT
ENGINEERING SPT
LEVEL I/II PROG MGMT

COMM
INTEGRATED LOG SPT
MAINTENANCE SPT
ENGINEERING SPT
LEVEL I/II PROG MGMT

OCS
INTEGRATED LOG SPT
MAINTENANCE SPT
ENGINEERING SPT
LEVEL I/II PROG MGMT

GENERAL SUPPORT
NET SOC TFP TPS
BEST VALUE
BEST VALUE

DEFINITION

- ANY BASIS FOR AWARD WHICH STATES THAT FACTORS IN ADDITION TO COST/PRICE WILL BE CONSIDERED IN SOME RELATIVE ORDER OF IMPORTANCE TO DETERMINE THE WINNING PROPOSAL.
• THE BEST VALUE DECISION IS **JUDGMENTAL**

  – SSA HAS **BROAD DISCRETION** IN MAKING THE JUDGMENT.

  – **THE JUDGMENT MUST HAVE A RATIONAL BASIS.**

  – "**GOOD JUDGMENT**" RATHER THAN THE "**PERFECT DECISION**" IS THE KEY.

  – **DECISION MUST BE CONSISTENT WITH THE SOLICITATION.**
EFFECT ON OMNIBUS ACQUISITIONS

• ALLOWS THE GOVERNMENT THE DISCRETION TO DETERMINE WHICH PROPOSAL OFFERS THE BEST CHANCE OF SUCCESSFULLY MEETING THE SOLICITATION'S REQUIREMENTS.

  – LOWEST COST/PRICE PROPOSAL DOES NOT NECESSARILY WIN.

  – THE GOVERNMENT MAY DECIDE THAT ADVANTAGEOUS ASPECTS OF A PARTICULAR PROPOSAL ARE WORTH THE EXTRA MONEY IT WILL COST,
PERFORMANCE RISK ANALYSIS GROUPS (PRAG)

- PERFORMANCE RISK

- THOSE RISKS ASSOCIATED WITH AN OFFEROR'S ABILITY TO PERFORM THE SOLICITATION'S REQUIREMENTS.

- AS INDICATED BY THE OFFEROR'S (INCLUDING TEAM NUMBERS/MAJOR SUBCONTRACTORS) RECORD OF PAST AND CURRENT PERFORMANCE.

- PERFORMANCE RISK IS ASSESSED BY THE PRAG.
PRAG (CONT.)

- THE GOVERNMENT WILL FOCUS ITS INQUIRY INTO THE OFFEROR'S RECORD OF PERFORMANCE AS IT RELATES TO ALL THE RFP'S REQUIREMENTS, INCLUDING COST, SCHEDULE AND PERFORMANCE.

- A SIGNIFICANT ACHIEVEMENT, PROBLEM, OR LACK OF RELEVANT DATA IN ANY ELEMENT OF WORK CAN BECOME AN IMPORTANT CONSIDERATION IN THE SOURCE SELECTION.

- THE GOVERNMENT MAY USE DATA PROVIDED BY THE OFFEROR IN ITS PROPOSAL AS WELL AS DATA OBTAINED FROM OTHER SOURCES.
USE OF SAMPLE TASKS

- **SAMPLE TASKS MAY BE USED TO TEST THE OFFEROR'S EXPERTISE AND INNOVATIVE CAPABILITIES.**

- **DIFFERENT FROM EVALUATION OF OTHER TRADITIONAL AREAS SUCH AS TECHNICAL APPROACH, MANAGEMENT, ETC.**

- **CECOM NEED NOT ISSUE IFNs IDENTIFYING DEFICIENCIES REGARDING AN OFFEROR'S UNDERSTANDING OF THE PROBLEM/TASKS.**
SMALL BUSINESS & OMNIBUS
NEW CHALLENGES/NEW OPPORTUNITIES

GOVERNMENT/INDUSTRY PARTNERSHIP
IN A NEW ENVIRONMENT

MR. PETER T. CAPPOZZOLI
CECOM SADBU OFFICE
PROJECTED OMNIBUS PLAN
METHOD OF PROCUREMENT

$30\%\ OF\ $\ SBSA(a)$
SMALL BUSINESS CONSIDERATIONS
MAXIMIZING PARTICIPATION

• 2 DOMAINS SET—ASIDE FOR SB/8(a)
  1 DOMAIN HAS PORTIONS SET—ASIDE

• CONTRACT SIZES WITHIN SB CAPABILITY

• CONTINUING SADBUO/SBA REVIEW FOR SB PRIME OPPORTUNITIES

• EMPHASIS ON S & SDB SUBCONTRACTING IN SOURCE SELECTION

• MAXIMIZATION OF INCENTIVES TO LB TO SUBCONTRACT WITH S & SDB

• 8(a) COMPETITION—OPEN OPPORTUNITY
MISSION

THE CECOM RDEC SOFTWARE ENGINEERING DIRECTORATE IS A CUSTOMER-FOCUSED ORGANIZATION COMMITTED TO PROVIDING LIFE CYCLE SOFTWARE ENGINEERING SUPPORT TO CECOM AND PEO/PM-MANAGED MISSION CRITICAL DEFENSE SYSTEMS (MCDSs). SED IS PREPARED TO MEET THE CHALLENGES OF SUPPORTING THE 21st CENTURY ARMED FORCES WITH CONTINUED DEDICATION, ENTHUSIASM, AND A SHARED VISION AS THE ARMY’S CENTER OF EXCELLENCE FOR SOFTWARE.
CECOM RDEC SED FUNCTIONS

- LIFE CYCLE SOFTWARE ENGINEERING
  - SINGLE FOCAL POINT FOR DEVELOPMENT, PRODUCTION, AND MAINTENANCE OF SOFTWARE FOR MISSION CRITICAL DEFENSE SYSTEMS
    - COMMUNICATIONS
    - TRAINING AND MANEUVER SYSTEMS
    - INTELLIGENCE AND ELECTRONIC WARFARE (IEW)
    - FIRE SUPPORT
    - TACTICAL FUSION
    - AVIONICS
  - ENSURES THAT DEPLOYED SOFTWARE CONTINUES TO SUPPORT THE OPERATIONAL MISSION
CECOM RDEC SED FUNCTIONS (Continued)

- JOINT AND ARMY INTEROPERABILITY TESTING
  - TEST COMBINED JOINT AND ARMY INTEROPERABILITY
  - DEVELOP THE ARMY INTEROPERABILITY NETWORK
CECOM RDEC SED FUNCTIONS (Continued)

- SOFTWARE TECHNOLOGY
  - FOCAL POINT FOR SOFTWARE ENGINEERING TECHNOLOGY
    -- Ada TECHNOLOGY
    -- SOFTWARE PROCESS METRICS
    -- SOFTWARE REUSE
    -- SOFTWARE LIFE CYCLE PROCESS
  - TRANSITION TECHNOLOGY TO IMPROVE THE PRODUCTIVITY OF THE SOFTWARE LIFE CYCLE PROCESS
SOFTWARE ENGINEERING DIRECTORATE

PRODUCT LINES

- LIFE CYCLE SOFTWARE ENGINEERING SUPPORT
- POST DEPLOYMENT SOFTWARE SUPPORT
- INTEROPERABILITY ASSESSMENT
- SOFTWARE TECHNOLOGY
ARMY INTEROPERABILITY NETWORK CONTRACT

THE WORK

PLACE OF PERFORMANCE: FT MONMOUTH
ARMY INTEROPERABILITY NETWORK CONTRACT

REQUIRED KNOWLEDGE

- TELECOMMUNICATIONS
- COMMUNICATIONS TECHNOLOGIES
- COMMUNICATIONS NETWORKING
- TECHNICAL CONTROL
- NETWORK MANAGEMENT & CONTROL
- NETWORK OPERATIONS
- NETWORK SUSTAINMENT
- TEST INSTRUMENTATION
- TACTICAL COMMUNICATIONS
- MCDS INTEROPERABILITY REQUIREMENTS
- SOFTWARE
- PROTOCOLS
- INTEROPERABILITY TESTING
- TOTAL QUALITY MANAGEMENT
ARMY INTEROPERABILITY NETWORK CONTRACT

CONTRACT DATA

- RFP RELEASE: FEBRUARY 1993
- CONTRACT AWARD: SEPTEMBER 1993
- CONTRACT DURATION: FIVE YEARS
- CONTRACT VALUE: $30 MILLION
- TYPE OF CONTRACT: T&M

POINT OF CONTACT

- MR. EUGENE BOYLE
- SED
- 532-8220
FIRE SUPPORT
SYSTEMS & SOFTWARE ENGINEERING CONTRACT

THE WORK

NEW SYSTEM S/W DEVELOPMENT 22%
FACILITY SUPPORT 10%
ENGINEERING SUPPORT 8%
PLANNING SUPPORT 6%
INTEROPERABILITY TESTING 3%
S/W TECHNOLOGY TRANSFER 3%
PDSS S/W DEVELOPMENT 48%

PLACE OF PERFORMANCE: FT SILL
FIRE SUPPORT
SYSTEMS & SOFTWARE ENGINEERING CONTRACT
REQUIRED KNOWLEDGE

- SYSTEM & SOFTWARE ENGINEERING
- COMMAND & CONTROL SYSTEMS
- TACTICAL SYSTEMS
- COMMUNICATIONS & INTEROPERABILITY
- ATCCS COMMON HARDWARE/SOFTWARE
- Ada PROGRAMMING LANGUAGE
- C PROGRAMMING LANGUAGE
- HOST COMMERCIAL SYSTEMS (VAX, HP, LAN)
- OPERATING SYSTEMS (UNIX, DOS)
- SOFTWARE QUALITY ASSURANCE & TESTING
- CONFIGURATION MANAGEMENT
FIRE SUPPORT
SYSTEMS & SOFTWARE ENGINEERING CONTRACT

CONTRACT DATA

• RFP RELEASE: JUNE 1993
• CONTRACT AWARD: JANUARY 1994
• CONTRACT DURATION: FIVE YEARS
• CONTRACT VALUE: $135 MILLION
• TYPE OF CONTRACT: CPAF
• MANDATORY 15% GOAL
  FOR SMALL BUSINESS
  SUBCONTRACTING

POINT OF CONTACT

• MR. EUGENE BOYLE
  SED
  532-8220
MISSION CRITICAL DEFENSE SYSTEM MAINTENANCE CONTRACT

THE WORK

- MCDS SUPPORT: 24%
- INTEROPERABILITY TESTING: 10%
- HOST SYSTEM SUPPORT: 17%
- FACILITY SUPPORT: 8%
- PLANNING SUPPORT: 5%
- WAN/LAN SUPPORT: 33%
- ENGINEERING SUPPORT: 3%

PLACE OF PERFORMANCE: FT MONMOUTH; FT HUACHUCA
MISSION CRITICAL DEFENSE SYSTEM
MAINTENANCE CONTRACT

REQUIRED KNOWLEDGE

- TACTICAL COMMUNICATIONS SYSTEMS
- SATELLITE COMMUNICATIONS SYSTEMS
- TACTICAL FUSION SYSTEMS
- TMDE SYSTEMS
- TECHNICAL CONTROL FACILITY
- ARMY INTEROPERABILITY NETWORK
- JOINT INTEROPERABILITY TESTING
- HOST SYSTEM MAINTENANCE (VAX, DG, IBM)
- CONFIGURATION MANAGEMENT
- WIDE AREA NETWORK/LOCAL AREA NETWORK
- SOFTWARE QUALITY ASSURANCE
- TOTAL QUALITY MANAGEMENT
- SPARE PARTS PROVISIONING & MANAGEMENT
MISSION CRITICAL DEFENSE SYSTEM 
MAINTENANCE CONTRACT 
ATCCS BFAs SUPPORTED
MISSION CRITICAL DEFENSE SYSTEM
MAINTENANCE CONTRACT

CONTRACT DATA

- RFP RELEASE: JUNE 1993
- CONTRACT AWARD: NOVEMBER 1993
- CONTRACT DURATION: FIVE YEARS
- CONTRACT VALUE: $15 MILLION
- TYPE OF CONTRACT: CPAF

POINT OF CONTACT

- MR. EUGENE BOYLE
  SED  532-8220
AVIONICS SYSTEMS AND SOFTWARE ENGINEERING CONTRACT

THE WORK

AVIONICS SYSTEMS DEVELOPMENT SUPPORT 35%
TACTICAL DATA BUS SUPPORT 18%
SOFTWARE TOOLS SUPPORT 13%
SYSTEM/SOFTWARE TESTING 5%
INTEROPERABILITY ENGINEERING 4%
PLANNING SUPPORT 5%
AVIONICS SOFTWARE DEVELOPMENT 20%

PLACE OF PERFORMANCE: FT MONMOUTH; ST. LOUIS (ATCOM)
AVIONICS SYSTEMS AND SOFTWARE ENGINEERING CONTRACT

REQUIRED KNOWLEDGE

• MIL-STD-1553 INTEGRATION/TESTING/DOCUMENTATION
• HIGH SPEED DATA BUS TECHNOLOGIES
• INTEROPERABILITY ENGINEERING
• AVIONICS SYSTEMS/SOFTWARE ENGINEERING
• AIRCRAFT/AIR TRAFFIC CONTROL SYSTEMS
• PROGRAMMING LANGUAGES (Ada, JOVIAL, C, ASSEMBLY, ETC.)
• CONFIGURATION MANAGEMENT
• SOFTWARE QUALITY ASSURANCE
• TOTAL QUALITY MANAGEMENT
• SOFTWARE TOOL MAINTENANCE
AVIONICS SYSTEMS AND SOFTWARE ENGINEERING CONTRACT

AVIONICS SYSTEMS SUPPORTED

COMMUNICATIONS

ASE

NAVIGATION

AVIATION AVIONICS

COMMAND AND CONTROL

SYSTEM INTEGRATION
AVIONICS SYSTEMS AND SOFTWARE ENGINEERING CONTRACT

CONTRACT DATA

- RFP RELEASE: FEBRUARY 1994
- CONTRACT AWARD: JANUARY 1995
- CONTRACT DURATION: FIVE YEARS
- CONTRACT VALUE: $20 MILLION
- TYPE OF CONTRACT: T&M

POINT OF CONTACT

- MR. EUGENE BOYLE
  SED
  532-8220
INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS & SOFTWARE ENGINEERING CONTRACT

THE WORK

- Interoperability Testing: 7%
- Software Development & PDSS: 33%
- IEW System Development Support: 28%
- Planning Support: 5%
- Facility Support: 10%
- Engineering Support: 12%
- Software Technology Transfer: 5%

Place of Performance: Ft. Monmouth; Ft. Huachuca; Ft. Belvoir; Germany; Korea
INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS & SOFTWARE ENGINEERING CONTRACT

REQUIRED KNOWLEDGE

- Ada LANGUAGE
- IEW SYSTEMS & TECHNOLOGIES
- INTELLIGENCE, SIGNALS & THREAT ANALYSIS
- INTERCEPT, DF, CM, ECM & ECCM
- TACTICAL DATA FUSION
- ELECTRO-OPTICS
- DIGITAL SIGNAL PROCESSING
- RADAR & SEISMIC/ACOUSTIC ALGORITHMIC PROCESSING
- TRUSTED COMPUTER SYSTEMS
- EMBEDDED & MULTI-PROCESSOR SYSTEMS
- PROGRAM DESIGN & LANGUAGE TOOLS
- COMPUTER SYSTEMS (SUN, DEC, PCs)
- SIMULATORS & EMULATORS
- CONFIGURATION MANAGEMENT, SOFTWARE QUALITY ASSURANCE, MIL-STDs & TOTAL QUALITY MANAGEMENT
INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS & SOFTWARE ENGINEERING CONTRACT

ATCCS BFAs SUPPORTED

MANEUVER CONTROL

COMBAT SERVICE SUPPORT

FIRE SUPPORT

COMMUNICATIONS

INTELLIGENCE/ELECTRONIC WARFARE

AIR DEFENSE
### INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS & SOFTWARE ENGINEERING CONTRACT

**CONTRACT DATA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFP RELEASE</td>
<td>JANUARY 1995</td>
</tr>
<tr>
<td>CONTRACT AWARD</td>
<td>SEPTEMBER 1995</td>
</tr>
<tr>
<td>CONTRACT DURATION</td>
<td>FIVE YEARS</td>
</tr>
<tr>
<td>CONTRACT VALUE</td>
<td>$87 MILLION</td>
</tr>
<tr>
<td>TYPE OF CONTRACT</td>
<td>T&amp;M</td>
</tr>
</tbody>
</table>

**POINT OF CONTACT**

- **MR. EUGENE BOYLE**
- SED 532-8220
COMMUNICATIONS AND COMMAND & CONTROL SYSTEMS AND SOFTWARE ENGINEERING CONTRACT

THE WORK

- Interoperability Testing: 5%
- C3 System Development Support: 34%
- Software Development & PDSS: 27%
- Software Technology Transfer: 3%
- Engineering Support: 15%
- Planning Support: 6%
- Facility Support: 10%

Place of Performance: FT Monmouth; Germany; FT Gordon
COMMUNICATIONS AND COMMAND & CONTROL
SYSTEMS AND SOFTWARE ENGINEERING CONTRACT
REQUIRED KNOWLEDGE

- TACTICAL COMMUNICATIONS SYSTEMS
- SATELLITE COMMUNICATIONS SYSTEMS
- ATCCS COMMAND & CONTROL SYSTEMS
- TMDE SYSTEMS
- Ada LANGUAGE
- ARMY INTEROPERABILITY NETWORK
- JOINT INTEROPERABILITY TESTING
- HOST SYSTEM OPERATIONS (VAX, DG, IBM)
- CONFIGURATION MANAGEMENT
- SOFTWARE QUALITY ASSURANCE
- TOTAL QUALITY MANAGEMENT
COMMUNICATIONS AND COMMAND & CONTROL
SYSTEMS AND SOFTWARE ENGINEERING CONTRACT

CONTRACT DATA

- RFP RELEASE: JANUARY 1995
- CONTRACT AWARD: SEPTEMBER 1995
- CONTRACT DURATION: FIVE YEARS
- CONTRACT VALUE: $100 MILLION
- TYPE OF CONTRACT: T&M

POINT OF CONTACT

- MR. EUGENE BOYLE: SED 532-8220
NIGHT VISION ELECTRO OPTICS
SYSTEMS & SOFTWARE ENGINEERING CONTRACT

THE WORK

PLACE OF PERFORMANCE: FT MONMOUTH; FT BELVOIR
NIGHT VISION ELECTRO OPTICS
SYSTEMS & SOFTWARE ENGINEERING CONTRACT
REQUIRED KNOWLEDGE

• SOFTWARE ENGINEERING PRACTICES
• ELECTRO OPTICS
• DIGITAL SIGNAL PROCESSING
• RADAR AND SEISMIC/ACOUSTIC ALGORITHMIC PROCESSING
• FOCAL PLANE ARRAYS
• IMAGERY EXPLOITATION
• Ada LANGUAGE
• HOST SYSTEMS OPERATIONS (VAX, IBM)
• MICROPROCESSOR PROGRAMMING
• TOTAL QUALITY MANAGEMENT
• CONFIGURATION MANAGEMENT
### NIGHT VISION ELECTRO OPTICS
SYSTEMS & SOFTWARE ENGINEERING CONTRACT

#### CONTRACT DATA

- **RFP RELEASE**: October 1995
- **CONTRACT AWARD**: May 1996
- **CONTRACT DURATION**: Five Years
- **CONTRACT VALUE**: $14 Million
- **TYPE OF CONTRACT**: T&M

#### POINT OF CONTACT

- **MR. EUGENE BOYLE**: SED 532-8220
SIMULATION, TRAINING & INSTRUMENTATION SYSTEMS & SOFTWARE ENGINEERING CONTRACT

THE WORK

PLACE OF PERFORMANCE: FT MONMOUTH; FT LEAVENWORTH; WHITE SANDS MISSILE RANGE; FT POLK; NATIONAL TRAINING CENTER, FT IRWIN; STRICOM, ORLANDO, FL; FT LEE; FT HOOD; KOREA; GERMANY
REQUIRED KNOWLEDGE

- Ada, C, C++, SIMSCRIPT LANGUAGES
- SIMULATION SYSTEMS INTEGRATION
- SIMULATION AFTER ACTION METHODOLOGY
- TEST INSTRUMENTATION
- DISTRIBUTED INTERACTIVE SIMULATION TECHNOLOGY
- OBJECT-BASED MODELS
- TRAINING MANAGEMENT SYSTEMS
- TRAINING DEVICE SYSTEMS
- EMBEDDED & MULTIPROCESSOR SYSTEMS
- COMBINED ARMS ASSESSMENT
- PROGRAM DESIGN & LANGUAGE TOOLS
- COMPUTER SYSTEMS (DEC, SUN, PCs)
- SIMULATORS & EMULATORS
- CONFIGURATION MANAGEMENT, SOFTWARE QUALITY ASSURANCE, MIL-STDs & TOTAL QUALITY MANAGEMENT
SIMULATION, TRAINING & INSTRUMENTATION SYSTEMS & SOFTWARE ENGINEERING CONTRACT

SIMULATION AND TRAINING SYSTEMS SUPPORTED

FIELD

SIMULATOR

TRAINING DEVICES

FAMILY OF SIMULATIONS
SIMULATION, TRAINING & INSTRUMENTATION SYSTEMS & SOFTWARE ENGINEERING CONTRACT

CONTRACT DATA

- RFP RELEASE: SEPTEMBER 1996
- CONTRACT AWARD: JUNE 1997
- CONTRACT DURATION: 5 YEARS
- CONTRACT VALUE: $100 MILLION
- TYPE OF CONTRACT: T&M

POINT OF CONTACT

- MR. EUGENE BOYLE: SED 532-8220
CECOM
OMNIBUS SUPPORT
Contract Requirements
for the
Intelligence and Electronic Warfare Directorate
Today and Tomorrow

Mr. Joseph M. DelVecchio
Associate Director
for Engineering
Mission

Provide the U.S. Army effective:

- Signals Intelligence
- Electronic Warfare
- Measurement and Signature Intelligence
- Meteorological Sensing
- Intelligence Data Fusion and Dissemination
Mission

Functions:

- Define, develop and acquire superior technologies
- Prototype and evaluate advanced system concepts
- Develop and acquire non-major systems and equipment
- Provide development and acquisition support to Program Executive Officers and Project Managers
Objective

To provide contractual support to the Intelligence and Electronic Warfare Directorate (IEWD), PEOIEW, PMs, and CECOM elements at Vint Hill Farms Station, VA.
Contract Characteristics

Time Frame:
Base Year with Four Option Year Periods

Type:
Time and Materials (T&M)

Requirement Vehicles:
Delivery Orders

Estimated Dollar Value:
$300m/ $60M per year
Anticipated Users

IEWD

- South (VHFS)
- North (Evans)
- Ft. Huachuca Field Office
- European Development Facility

PEO IEW

Program Managers

- PM SW
- PM CAC
- PM-ASAS
- PM-CN/CMS
- PM-EW/RSTA
- PM-JSTARS

CECOM Elements at VHFS
Estimated Usage

IEWD $249M

PEO/PM $42M

IMMC $9M
Business Functional Areas
Functions & Sub-functions

Engineering

- Systems Engineering
- Electronics/Electrical Engineering
- Mechanical Engineering
- Quality Engineering
- RAM Engineering
- Testing
- Engineering Field Services
Functions & Sub-functions

Program/Project Support

- Program Management (Review and Analysis)
- Equipment Management

Logistics Support

- Configuration Management
- Documentation Development
- Technical Training
Functions & Sub-functions

Computer Sciences

- SW Engineering
- SW Evaluation
- Planning
- ADP
- Management Information Systems
Functions & Sub-functions

Quick Reaction Capability Support

- Design and Develop
- Integration
- System Modifications
- Urgent Field Maintenance and Repair
Functions & Sub-functions

Overall Mission Support

- Operational Support
- Security
- Threat Assessment
- Training
Percentage of Overall Taskings

Operational Support
5%

Computer Sciences
25%

Engineering
30%

Logistics
5%

Field Support
5%

Prototype Development
30%
Research, Development, Engineering Center

Contract Opportunity

Contract Title: Technical, Engineering and Fabrication Support (TEFS)

Solicitation Issued: July 1993

Projected Award: January 1994

Value: $300M/ $60M per year

Kind of Award: Unrestricted

POC: Mr. Joseph P. Brady
1-908-532-5500
Intelligence and Electronic Warfare Directorate
Today and Tomorrow
SPACE & TERRESTRIAL COMMUNICATIONS DIRECTORATE

THOMAS J. SHEEHAN

OMNIBUS CONTRACTING OPPORTUNITIES
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE MISSION

- Technical support to PEOs and PMs for communications systems development and fielding.

- Provide the lead technical expertise to develop and implement seamless tactical communications throughout the battlefield.

- Perform Level II acquisition and sustainment.
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE
PRODUCT LINES

- Full Spectrum Tactical Radio Communications
  Ground - Airborne
- Voice - Data - Video Transport
- Seamless Global Communications - Global Grid ATD
- Satellite Communications Tactical and Strategic
- Antennas and Propagation
- Information Security - COMSEC/COMPUSEC
- Survivable Adaptive Systems ATD
SPACE AND TERRESTRIAL
COMMUNICATIONS DIRECTORATE
PRODUCT LINES (Continued)

- Tactical Local and Wide Area Networks
- Systems Engineering - Communications Architecture Development
- Fiber Optic Technology
- Strategic SATCOM Sustainment and Support
- Network Management Planning and Control
- Communications Systems Modeling and Simulation
- Spectrum Management and Frequency Engineering
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE
PRODUCT LINES (Continued)

- Electromagnetic Environments Analysis
  Electromagnetic Interference
- Interoperability and Standardization
- Communications Protocol Development and Analysis
- Electronic Counter-Countermeasures (ECCM)
- Evaluation Commercial Communications Systems
- Security Accreditation
- Tactical Multi-Media and Integrated Services
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE

HIGH TECHNOLOGY RESEARCH AND DEVELOPMENT
HIGH TECHNOLOGY RESEARCH AND DEVELOPMENT DESCRIPTION

The objective of this solicitation is to obtain High Technology Research and Development Support to be provided to the Space and Terrestrial Communications Directorate. This will involve tasks covering virtually the entire spectrum of high technology research and development for distributed command, control and communications systems.
1. Research and Development in the field of distributed communications and distributed processing

2. Application of current and future Military Command and Control Techniques

3. System engineering

The Contractor shall be required to perform tasks within the framework of the following activities:
4. Integration of new technologies into command, control and communications systems for evaluation by users

5. Support in transitioning the above technologies into fielded systems

6. On site development/engineering support at various worldwide locations
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE
CONTRACT OPPORTUNITY

• TITLE: High Technology Research and Development

• OBJECTIVE: To provide the Space and Terrestrial Communications Directorate with research and development support in virtually the entire spectrum of command, control and communications systems

• PROPOSED CONTRACT TYPE: Indefinite Delivery/Quantity

• KEY MILESTONES: Draft SOW - JAN 94
Projected RFP - MAR 94
Projected Award - DEC 94
Contract Length - 5 Years

• ESTIMATED VALUE: $100M ($20M/Year)

• POC/TELEPHONE: Joseph P. Brady/908-532-5500
SPACE AND TERRESTRIAL
COMMUNICATIONS DIRECTORATE

ENGINEERING AND
DEVELOPMENT SUPPORT
ENGINEERING AND DEVELOPMENT SUPPORT DESCRIPTION

THE OBJECTIVE OF THIS SOLICITATION IS TO OBTAIN SUPPORT FOR THE SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE IN ORDER TO FULFILL OUR FUNCTION OF PROVIDING COMMUNICATIONS-ELECTRONICS NEEDS IN THE NEAR, MID AND FAR TERM
ENGINEERING AND DEVELOPMENT SUPPORT REQUIREMENTS

THE CONTRACTOR SHALL BE REQUIRED TO PERFORM ENGINEERING AND TECHNICAL SUPPORT TASKS WITHIN THE FRAMEWORK OF THE FOLLOWING:

1. Engineering and technical support to PEOs, PMs, and other customers

2. Design, installation, upgrade, maintenance and repair of S&TCD unique laboratory equipment and facilities

3. Hardware interface prototype development
ENGINEERING AND DEVELOPMENT SUPPORT REQUIREMENTS (CONT)

4. Review and preparation of technical documentation

5. Participation in various technical and user test and demonstrations

6. On site development/engineering support at various worldwide locations
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE CONTRACT OPPORTUNITY

• TITLE: Engineering and Development Support

• OBJECTIVE: To provide the Space and Terrestrial Communications Directorate with support to fulfill its mission

• PROPOSED CONTRACT TYPE: Indefinite Delivery/Quantity

• KEY MILESTONES: Draft SOW - JAN 94
  Projected RFP - MAR 94
  Projected Award - DEC 94
  Contract Length - 5 Years

• ESTIMATED VALUE: $50M ($10M/Year)

• POC/TELEPHONE: Joseph P. Brady/908-532-5500
SPACE AND TERRESTRIAL COMMUNICATIONS DIRECTORATE VISION

....continue to be a world-class organization of quality soldiers and civilians who acquire, develop, implement, system engineer and sustain components, subsystems, and systems that will provide seamless global communications throughout the digitized battlefield to allow the intuitive commander to own the spectrum, own the night, and know the enemy.
CECOM
OMNIBUS SUPPORT
CONTRACT REQUIREMENTS

FOR THE
NIGHT VISION AND ELECTRONIC SENSORS
DIRECTORATE (NVESD)
U.S. ARMY, CECOM
RESEARCH, DEVELOPMENT, AND ENGINEERING
CENTER (RDEC)

Mr. Larry L. Fillian
Associate Director for Operations
UNCLASSIFIED
Night Vision and Electronic Sensors Directorate

MISSION FOCUS: "OWNING THE NIGHT:

- Conduct Research, Development and Acquisition of Night Vision and Electronic Sensors and Sensor Suites to:
  - See the Battle
  - Control the Battle
  - Assess the Battle

"AROUND THE CLOCK"

"FAIR WEATHER AND FOUL"
Night Vision and Electronic Sensors Directorate

OMNIBUS FUNCTIONAL AREAS

- TECHNOLOGY BASE
  - Prototyping
  - Sensor Modeling/Analysis
  - Technology Underpinnings
  - Flexible Manufacturing Sciences

- ENGINEERING SUPPORT
  - Field Technology Assistance
  - Test & Evaluation
  - Engineering Support
Night Vision and Electronic Sensors Directorate

- The NVESD approach is to consolidate, identify, and acquire the majority of support services by this Directorate under Two (2) separate Statements of Work (SOWs).

- Two contracts will be awarded, approx. $130 to $150M each ($30 to $50M/year for 3 to 5 years).
Night Vision and Electronic Sensors Directorate

Each of the 2 OMNIBUS SUPPORT SERVICE CONTRACTS SOW's will be applicable to the following NVESD Business Areas:

1. Thermal Imaging
2. Aided Target Recognition (ATR)/Sensor Fusion
3. Optics/Image Intensification
4. Radar
5. Survivability Equipment (Protection Suites)
6. Combat ID (Anti-Fratricide)
7. Performance Modeling/Analysis
8. Laser/Counter-Measures (CM)
Night Vision and Electronic Sensors Directorate

Business Areas

- Thermal Imaging
  - Infrared Focal Plane Arrays/
    Flexible Manufacturing Technologies
  - Infrared Sensor Prototypes/
    Integration

- Aided Target Recognition (ATR)/
  Sensor Fusion
  - Algorithm Exploitation/Optimization
  - Image Processors
  - E-O/MMW Sensor Fusion
Night Vision and Electronic Sensors Directorate

- Optics/Image Intensification
  - Optical Designs (Binary/Micro-Binary)
  - Image Intensification Components

- Radar
  - MMW Prototyping
  - Component Development
Night Vision and Electronic Sensors Directorate
Business Areas

- Survivability
  - IR, RF, EO Receivers & Jammers
  - Prototyping

- Combat ID (Anti-fratricide)
  - Sensor Performance Analysis
  - Component Development
  - Situational Awareness
Night Vision and Electronic Sensors
Directorate
Business Areas

- Performance Modeling/Analysis
  - Target Acquisition/Search Modeling
  - Low Cost/Low Observables
  - System Analysis (EO/MMW)
  - ATR/Sensor Evaluation & Performance Analysis

- Laser/Counter-Measures (CM)
  - Countermeasure Sources
  - Rangefinders
  - Designators
Night Vision and Electronic Sensors Directorate

CONTRACT OPPORTUNITY

TITLE: NVES OMNIBUS SUPPORT CONTRACT FOR TECHNOLOGY BASE

OBJECTIVE: Engineering Support for the NVESD Technology Base

PROPOSED CONTRACT TYPE: Indefinite Delivery/Indefinite Quantity, Unrestricted

KEY MILESTONES: Contract Award: Oct 94
Contract Length: 60 months

Draft SOW: Sep 93
Projected SOL: Nov 93
Projected Contract Award: Oct 94
Contract Length: 60 Months

ESTIMATED VALUE: $130 - $150M ($30 to $50M/year)

POC & TELEPHONE: Mr. Joseph P. Brady
1-908-532-5500
Night Vision and Electronic Sensors Directorate

CONTRACT OPPORTUNITY

TITLE: NVES OMNIBUS SUPPORT CONTRACT FOR ENGINEERING SUPPORT

OBJECTIVE: General Engineering Support for the NVESD (Non-Technology Base)

PROPOSED CONTRACT TYPE: Indefinite Delivery/Indefinite Quantity, Unrestricted

KEY MILESTONES: Contract Award: Oct 94  Contract Length: 60 months

ESTIMATED VALUE: $130 - $150M ($30 to $50M/year)

POC & TELEPHONE: Mr. Joseph P. Brady  
1-908-532-5500

Draft SOW: Sep 93  
Projected SOL: Nov 93  
Projected Contract Award: Oct 94  
Contract Length: 60 Months
Night Vision and Electronic Sensors
Directorate

Summary

NVESD is deeply involved in developing Key Aspects of the Army Chief of Staffs "Vision for the Future" which include:

Owning the Night,
Digitizing the Battlefield, and
Owning the Spectrum.

These OMNIBUS Contracts for the Technology Base and Engineering Support are considered Important Elements in Aiding NVESD to Accomplish its Mission.
OMNIBUS CONTRACTING
FOR
COMMAND/CONTROL
AND
SYSTEMS INTEGRATION DIRECTORATE

ROBERT MAIN
OUTLINE

- DIRECTORATE OVERVIEW

- OMNIBUS APPROACH
  - TECH BASE
  - ENGINEERING SUPPORT
MISSION

CECOM RDEC LEAD DIRECTORATE FOR THE DEVELOPMENT OF COMMAND AND CONTROL CONCEPTS, PLATFORM INTEGRATION, NAVIGATION AND AIR TRAFFIC CONTROL TECHNOLOGIES AND SYSTEMS
MAJOR AREAS OF RESPONSIBILITY

• BASIC AND APPLIED RESEARCH
  - COMMAND AND CONTROL CONCEPTS
  - ADVANCED PLATFORM ARCHITECTURES
  - SUPPORTING TECHNOLOGIES

• RAPID PROTOTYPING AND LIMITED PRODUCTION OF ELECTRONIC SYSTEM INSTALLATIONS
  - AIRBORNE VEHICLES
  - WHEEL/TRACK VEHICLES
  - SHELTERS

• DEVELOPMENT AND ACQUISITION SUPPORT TO PLATFORM AND COMMAND/CONTROL PEOs AND PMs
GROUND SYSTEM FUNCTIONS

Crew Station Engineering
Combined Arms Mission Simulation
Mission Planning
Electrical Power Systems & Distribution
Survivability
Software Support
Fire Control
Electronic Warfare
Visionics
Targeting - Radar, FLIR, TV
Command and Control
Propulsion Navigation
Communications
Electronic Integration - Architectures, Busses, Control/Display
OMNIBUS APPROACH

- TWO SOLICITATIONS
  - TECH BASE, JAN 94
  - ENGINEERING SUPPORT, JAN 94

- UNRESTRICTED COMPETITION
• COVERS FULL SPECTRUM OF C2SI TECH BASE PROJECTS, BOTH SYSTEMS INTEGRATION AND AVIONICS R&D, NEW C2 INITIATIVES
• BATTLEFIELD INFORMATION FLOW
• C2 ARCHITECTURE DESIGN
• C2 MESSAGE FORMATS
• C2 SOFTWARE TOOLS
• C2 DATABASE SYSTEMS
• C2 DECISION AIDS
• MISSION PLANNING SYSTEM DESIGN
- ATC SYSTEM DESIGN
- PLATFORM ELECTRONIC ARCHITECTURE DESIGN
- PROCESSING ARCHITECTURES
- DATA DISTRIBUTION ARCHITECTURE DESIGN
- CONTROLS/DISPLAYS SUBSYSTEM DESIGN
- PLATFORM INTEGRATION ELECTRONICS DESIGN
- ELECTRONIC ARCHITECTURE STANDARDIZATION
- NAVIGATION SUBSYSTEM DESIGN
- PLATFORM ANTENNA MODELING/PREDICTION
- SPEECH TRANSLATION
- PLATFORM & C2 SYSTEM SIMULATION
TYPICAL PROGRAMS

- AVIATION MISSION PLANNING SYSTEM
  SOFTWARE DEVELOPMENT TO PROVIDE AUTOMATED TOOLS TO INTEGRATE ROUTE PLANNING, FIRE SUPPORT, COMM, OPS ORDERS, MAPS AND OVERLAYS

- COMBINED ARMS COMMAND AND CONTROL ATD
  DEVELOP EXPERIMENTAL HARDWARE/SOFTWARE TO INTEGRATE C2 FUNCTIONS FOR COMBINED ARMS, BRIGADE & BELOW. INVOLVES SHARED DATABASES FOR A COMMON BATTLEFIELD PICTURE AND REAL-TIME FORCE SYNCHRONIZATION
TECH BASE (cont)

TYPICAL PROGRAMS

• TACTICAL DATA ACQUISITION

DEVELOP IDENTIFICATION, ACQUISITION METHODOLOGY AND UTILIZATION CRITERIA FOR AVIATION SPECIFIC INTEL/TACTICAL DATA
CONTRACT OPPORTUNITY

TITLE: C2SID TECH BASE SUPPORT

OBJECTIVE: PROVIDE TECH BASE SUPPORT TO C2SI

PROPOSED CONTRACT TYPE: T&M

KEY MILESTONES: DRAFT SOW/ebb : JAN 94
                 proj SOLIC : MAR 94
                 proj AWARD : NOV 94

ESTIMATED VALUE: $12M/YR, $60M TOTAL

POC PHONE: MR. BRADY, (908) 532-5500
           AMSEL-ACCB-D-BV
ENGINEERING SUPPORT

- COVERS DEVELOPMENT AND MODIFICATION TO ALLOW INSTALLATION AND INTEGRATION OF ELECTRONIC SUBSYSTEMS INTO MILITARY SYSTEMS/PLATFORMS

- MILITARY SYSTEMS/PLATFORMS INCLUDE:
  - AIRBORNE AND GROUND PLATFORMS
  - SHELTERS
  - SOLDIERS

- SUBSYSTEMS PERFORM FUNCTIONS SUCH AS:
  - COMM
  - NAV
  - IDENTIFICATION
  - CONTROL/DISPLAY
ENGINEERING SUPPORT

TYPICAL PROGRAMS

- MODIFYING SYSTEMS UNDER NORMAL OR QUICK REACTION CONDITIONS

- SYSTEM/SUBSYSTEM COMPATIBILITY AND COMPLIANCE TESTS

- INSTALLATION/ EVALUATION/ DOCUMENTATION

- REPAIR AND MODIFY AS REQUIRED
CONTRACT OPPORTUNITY

TITLE: C2SID ENGINEERING SUPPORT

OBJECTIVE: PROVIDE ENGINEERING SUPPORT TO PM/PEO PROJECTS UNDER TECHNICAL COGNIZANCE OF C2SI

PROPOSED CONTRACT TYPE: T&M

KEY MILESTONES: DRAFT SOW/EBB: JAN 94
                 PROJ SOLIC: MAR 94
                 PROJ AWARD: OCT 94

ESTIMATED VALUE: $10M/YR, $50M TOTAL

POC PHONE: MR. BRADY, (908) 532-5500
           AMSEL-ACCB-D-BV
OBJECTIVE:

TO PROVIDE CONTRACTUAL SUPPORT FOR THE FOLLOWING FUNCTIONS:

- LOGISTICS SUPPORT
- PRODUCTION & QUALITY ENG
- SECURITY ASSISTANCE
- GENERAL SUPPLY MGMT
- FORCE MODERNIZATION
- TRAINING
- GENERAL PROGRAM ASSISTANCE
EQUIPMENT LIFE CYCLE

ACQUISITION PHASE  |  SUSTAINING SPT PHASE

| CONCEPT EXPLORATION DEFINITION | DEM/VAL | ENG & MFG DEV | PROD & DEPLOY | OP AND SPT | DISPOSAL |

PERFORMS FULL SPECTRUM OF LOGISTICS, PRODUCTION AND QUALITY ENGINEERING FUNCTIONS ACROSS THE ENTIRE LIFE CYCLE
METHOD

• THREE COMMODITY ORIENTED SOWS TO MATCH THE LRC’S WEAPON SYSTEM APPROACH

• TWO GENERAL SUPPORT SOWS FOR THOSE TASKS THAT DO NOT LEND THEMSELVES TO A COMMODITY ORIENTATION
4 FUNCTIONAL AREAS

TOTAL CONTRACTS: 8
COMMAND AND CONTROL SYSTEMS

- COMMON HARDWARE SOFTWARE
- COMBAT SUPPORT/COMBAT SERVICE SUPPORT
- FIELD ARTILLERY SYSTEMS
- AIR DEFENSE SYSTEMS
- MANEUVER CONTROL SYSTEMS
INTELLIGENCE AND ELECTRONIC WARFARE

• SURVEILLANCE SYSTEMS
• TARGET ACQUISITION SYSTEMS
• NIGHT VISION/ELECTRO OPTICS SYSTEMS
• RADIAC EQUIPMENT
• AIRCRAFT SURVIVABILITY SYSTEMS
COMMUNICATIONS

- SATELLITE COMMUNICATIONS AND CONTROL SYSTEMS
- FM RADIOS
- COMMUNICATIONS SYSTEMS - DIV AND CORPS
- COMMUNICATIONS SWITCHING SYSTEMS
- CONTROL MANAGEMENT SYSTEMS
COMMODITY ORIENTED SOW

- PROVIDE SUPPORT SERVICES ASSOCIATED WITH:
  - ILS
  - MANPRINT
  - MAINTENANCE PLANNING
  - PROVISIONING/CATALOGING
  - TECHNICAL MANUALS
  - PRODUCTION READINESS
  - PRODUCIBILITY ENG/PRODUCTION PLANNING
  - VALUE ENG/TECHNOLOGY INSERTION
  - PRODUCT QUALITY MGMT
  - SECURITY ASSISTANCE
INTEGRATED LOGISTIC SUPPORT

- ILS PLANNING
  - ACQUISITION STRATEGY
  - MILESTONE DEVELOPMENT
- ILS PRODUCTS & DOCUMENTATION
  - ILS PLAN
  - SYSTEM SUPPORT PKG
MANPRINT ANALYSES

- SAFETY
- HEALTH HAZARDS
- HUMAN FACTORS
PRODUCTION PLANNING
Critical materiels and processes
Production Base Capability
Production Baseline Documentation

PRODUCTION READINESS

PRODUCIBILITY ENGINEERING
Validating Capacity & Performance
Analysis & Evaluation of designs
- COST SAVINGS
- ENHANCED EQUIPMENT PERFORMANCE
- PROLONG LIFE AND IMPROVE PRODUCT

PRODUCT QUALITY MANAGEMENT

VALUE ENGINEERING

TECHNOLOGY INSERTION
FMS SUPPORT

- REVIEW COUNTRY REQUIREMENTS
- INPUT TO LOA DEVELOPMENT
- INPUT TO PROCUREMENT DOCUMENTATION
- INTEGRATION OF STANDARD & NONSTANDARD EQUIPMENT
- FIELDING PLANS
GENERAL SUPPORT

- PROVIDE SUPPORT SERVICES ASSOCIATED WITH:
  - FORCE MODERNIZATION
  - NEW EQUIPMENT TRAINING
  - TEST PROGRAM SETS
  - GENERAL SUPPLY MANAGEMENT
  - GENERAL PROCESS/PROGRAM SUPPORT
  - SAMPLE DATA COLLECTION
TOTAL PACKAGE FIELDING

- VEHICLE
- SIG SHELTER
- PWR UNIT & ANTENNAS
- SUPPORT ITEMS
- TPF STAGING
SYSTEMS REDISTRIBUTION SUPPORT

INSPECTION

DEPOT REBUILD

NO REBUILD REQUIRED
NEW EQUIPMENT TRAINING

- NET PLANNING

- PERFORM FIELD TRAINING
CONTRACT OPPORTUNITY

TITLE: OMNIBUS SUPPORT CONTRACT FOR LRC SUPPORT

OBJECTIVE: Commodity Oriented Support for the LRC

PROPOSED CONTRACT TYPE: Indefinite Delivery/Indefinite Quantity, Unrestricted

KEY MILESTONES:

<table>
<thead>
<tr>
<th></th>
<th>IEW</th>
<th>COMM</th>
<th>CCS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAFT SOW</td>
<td>OCT 93</td>
<td>NOV 93</td>
<td>DEC 93</td>
</tr>
<tr>
<td>PROJ RFP</td>
<td>DEC 93</td>
<td>JAN 94</td>
<td>FEB 94</td>
</tr>
<tr>
<td>PROJ AWD</td>
<td>AUG 94</td>
<td>SEP 94</td>
<td>OCT 94</td>
</tr>
</tbody>
</table>

ESTIMATED VALUES: YEAR/TOTAL

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10M/50M</td>
<td>12M/60M</td>
<td>11M/55M</td>
<td></td>
</tr>
</tbody>
</table>

POC & TELEPHONE: MR. JOSEPH P. BRADY
1-908-532 5500
CONTRACT OPPORTUNITY

TITLE: OMNIBUS SUPPORT CONTRACT FOR LRC SUPPORT

OBJECTIVE: General Support for the LRC
(TPF, TPS, NET, SDC, GEN SUPPLY)

PROPOSED CONTRACT TYPE: Indefinite Delivery/Indefinite Quantity, Unrestricted

KEY MILESTONES: Draft SOW: NOV 93
                 Proj RFP: JAN 94
                 Proj Awd: AUG 94

ESTIMATED VALUES: YEAR/TOTAL
                  NET - 11M/55M    REMAINING - 25M/125M

POC & TELEPHONE: MR. JOSEPH P. BRADY
                  1-908 532 5500
OMNIBUS CONTRACT

TOPIC:

BUSINESS FUNCTIONAL AREA

BRIEFER:

JIM MONTEMORANO
RESOURCE MANAGEMENT DIRECTORATE

UNCLASSIFIED
OBJECTIVE:

TO PROVIDE CONTRACTUAL SUPPORT TO THE PEOs, CECOM AND THE FORT MONMOUTH COMMUNITY FOR THE FOLLOWING FUNCTIONS:

COST ANALYSIS
FISCAL MANAGEMENT
PROGRAM ANALYSIS
SYSTEMS ANALYSIS
MANAGEMENT ANALYSIS
ACQUISITION STRATEGY

- ONE STATEMENT OF WORK (SOW)
- COVERING FIVE FUNCTIONAL AREAS
- COMPETITIVE SMALL BUSINESS SET-ASIDE
- AWARD IN JUNE 94
STATEMENT OF WORK (cont)

PROGRAM ANALYSIS
- FORMULATE PLANS
- GUIDE ACQUISITIONS
- MONITOR PROGRESS/TRENDS/SCHEDULES

SYSTEMS ANALYSIS
- LOGISTICS SUPPORT ANALYSIS
- DECISION RISK ANALYSIS
- WARRANTY COST EFFECTIVENESS
- COST/BENEFIT OF ALTERNATIVES
STATEMENT OF WORK (cont)

MANAGEMENT ANALYSIS

- STUDIES
- ORGANIZATION REVIEWS
- REALIGNMENTS
SUMMARY

- FIVE DISCIPLINES
- COMPETITIVE SMALL BUSINESS SET-ASIDE
- EXPANDING WORKYEAR REQUIREMENTS
- ON SCHEDULE
- ANTICIPATE JUNE 94 AWARD
OBJECTIVE: TO PROVIDE CONTRACTUAL SUPPORT IN THE AREAS OF COST ANALYSIS, FISCAL MANAGEMENT, PROGRAM ANALYSIS, SYSTEMS ANALYSIS AND MANAGEMENT ANALYSIS.

PROPOSED CONTRACT TYPE: INDEFINITE DELIVERY/ INDEFINITE QUANTITY (ID/IQ).

KEY MILESTONES: STATEMENT OF WORK SEP 93 (EBB), SOLICITATION NOV 93, AWARD JUN 94.

ESTIMATED VALUE: $ 57M OVER FIVE YEARS.

POC: JOSEPH BRADY C3I AC, 908-532-5500.
OMNIBUS CONTRACT

TOPIC:

SAFETY FUNCTIONAL AREA

BRIEFER:

BARRY J. SILBER
CHIEF, RADIOLOGICAL AND ENVIRONMENTAL ENGINEERING DIVISION

UNCLASSIFIED
OBJECTIVE:

TO PROVIDE CONTRACTUAL SUPPORT TO THE PEOs AND THE CECOM COMMUNITY FOR THE FOLLOWING FUNCTIONS:

HEALTH PHYSICS/RADIATION PROTECTION
INDUSTRIAL HYGIENE
SAFETY FUNCTIONAL AREA

ACQUISITION STRATEGY

- ONE STATEMENT OF WORK (SOW)
- COVERING TWO FUNCTIONAL AREAS
- COMPETITIVE SMALL BUSINESS SET - ASIDE

AWARD IN APRIL 1994
SAFETY
FUNCTIONAL AREA

STATEMENT OF WORK

HEALTH PHYSICS

- RADIATION PROTECTION PROGRAM
  TECHNICAL SUPPORT

- PRESENT RADIATION SAFETY TRAINING

- OPERATE AND MAINTAIN A RADIOANALYSIS
  LABORATORY

- REPAIR AND CALIBRATE PORTABLE
  RADIATION DETECTION INSTRUMENTATION
SAFETY FUNCTIONAL AREA

STATEMENT OF WORK

INDUSTRIAL HYGIENE

- PERFORM COMPREHENSIVE HEALTH HAZARD ASSESSMENTS OF EQUIPMENT
- IDENTIFY, EVALUATE AND CONTROL HEALTH IN THE WORKPLACE
- HEALTH AND SAFETY TRAINING
SAFETY FUNCTIONAL AREA

SUMMARY

- TWO DISCIPLINES
- COMPETITIVE SMALL BUSINESS SET - ASIDE
- ON SCHEDULE
- ANTICIPATE APRIL 1994 AWARD
SAFETY FUNCTIONAL AREA

OBJECTIVE: TO PROVIDE CONTRACTUAL SUPPORT IN THE AREAS OF HEALTH PHYSICS AND INDUSTRIAL HYGIENE.

PROPOSED CONTRACT TYPE: INDEFINITE DELIVERY/INDEFINITE QUANTITY (ID/IQ).

KEY MILESTONES: STATEMENT OF WORK - AUG 93 (EBB), SOLICITATION - OCT 93, AWARD - APR 94.

ESTIMATED VALUE: $3M OVER FIVE YEARS.

POC: JOSEPH BRADY C3I AC, 908-532-5500.
OMNIBUS SUPPORT CONTRACTING AT CECOM

CLOSING REMARKS

MR. EDWARD G. ELGART
DIRECTOR, C3I ACQUISITION CENTER
**BUSINESS/INFO SYS DOMAIN**

**NEAR TERM MILESTONES**

<table>
<thead>
<tr>
<th>FUNCTIONAL AREA</th>
<th>PROJ DRAFT SOW</th>
<th>PROJ SOLICIT</th>
<th>PROJ AWD</th>
<th>$ YR/TOT</th>
<th>KIND OF AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFORMATION SYS</td>
<td>-</td>
<td>JUN 93</td>
<td>DEC 93</td>
<td>5M/25M</td>
<td>8A</td>
</tr>
<tr>
<td>BUSINESS</td>
<td>SEP 93</td>
<td>NOV 93</td>
<td>JUN 94</td>
<td>7.5M/38M</td>
<td>SBSA</td>
</tr>
<tr>
<td>INDUSTRIAL HYGIENE HEALTH PHYSICS</td>
<td>AUG 93</td>
<td>OCT 93</td>
<td>APR 94</td>
<td>.4M/2M</td>
<td>SBSA</td>
</tr>
</tbody>
</table>
## Logistics Readiness Domain
### Near Term Milestones

<table>
<thead>
<tr>
<th>Functional Area</th>
<th>Proj Draft SOW</th>
<th>Proj Solicit</th>
<th>Proj Awd</th>
<th>$ Yr/Tot</th>
<th>Kind of Awd</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEW</td>
<td>OCT 93</td>
<td>DEC 93</td>
<td>AUG 94</td>
<td>10M/50M</td>
<td>SBSA</td>
</tr>
<tr>
<td>COMM</td>
<td>NOV 93</td>
<td>JAN 94</td>
<td>SEP 94</td>
<td>12M/60M</td>
<td>SBSA</td>
</tr>
<tr>
<td>CCS</td>
<td>DEC 93</td>
<td>FEB 94</td>
<td>OCT 94</td>
<td>11M/55M</td>
<td>SBSA</td>
</tr>
<tr>
<td>General Support</td>
<td>NOV 93</td>
<td>JAN 94</td>
<td>AUG 94</td>
<td>11M/55M</td>
<td>SBSA</td>
</tr>
<tr>
<td></td>
<td>NOV 93</td>
<td>JAN 94</td>
<td>AUG 94</td>
<td>25M/125M</td>
<td>SBSA</td>
</tr>
</tbody>
</table>
# RESEARCH, DEVELOPMENT & ENGINEERING DOMAIN
## NEAR TERM MILESTONES

<table>
<thead>
<tr>
<th>FUNCTIONAL AREA</th>
<th>PROJ DRAFT</th>
<th>PROJ SOLICIT</th>
<th>PROJ AWD</th>
<th>$ YR/TOT</th>
<th>KIND OF AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AIN DEV</td>
<td>-</td>
<td>MAR 93</td>
<td>SEP 93</td>
<td>6M/30M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>FIRE SPT</td>
<td>-</td>
<td>JUN 93</td>
<td>JAN 94</td>
<td>27M/135M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>MODS HDW MAINT</td>
<td>-</td>
<td>JUN 93</td>
<td>NOV 93</td>
<td>3M/15M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>AVIONICS</td>
<td>DEC 93</td>
<td>FEB 94</td>
<td>DEC 94</td>
<td>4M/20M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>IEW</td>
<td>NOV 94</td>
<td>JAN 95</td>
<td>SEP 95</td>
<td>17.4M/87M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>COMM/C2</td>
<td>NOV 94</td>
<td>JAN 95</td>
<td>SEP 95</td>
<td>20M/100M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>NVEO</td>
<td>AUG 95</td>
<td>OCT 95</td>
<td>MAY 96</td>
<td>3M/15M</td>
<td>SBSA</td>
</tr>
<tr>
<td>TRAINING &amp; MANEUVER SYS</td>
<td>AUG 96</td>
<td>OCT 96</td>
<td>MAY 97</td>
<td>20M/100M</td>
<td>8A</td>
</tr>
<tr>
<td>IEW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TECH BASE</td>
<td></td>
<td></td>
<td>JUL 93</td>
<td>50M/300M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>FIELD TECH ASST</td>
<td></td>
<td></td>
<td>JAN 94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T&amp;E, ENG SPT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TO PMs/PEOs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## RESEARCH, DEVELOPMENT & ENGINEERING DOMAIN (CON'T)

### NEAR TERM MILESTONES

<table>
<thead>
<tr>
<th>FUNCTIONAL AREA</th>
<th>PROJ DRAFT SOW</th>
<th>PROJ SOLICIT</th>
<th>PROJ AWD</th>
<th>$ YR/TOT</th>
<th>KIND OF AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;T COMM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TECH BASE</td>
<td>JAN 94</td>
<td>MAR 94</td>
<td>DEC 94</td>
<td>20M/100M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>FIELD TECH ASST</td>
<td>JAN 94</td>
<td>MAR 94</td>
<td>DEC 94</td>
<td>10M/50M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>T&amp;E, ENG SPT TO PMs/PEOs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C2 &amp; SI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TECH BASE</td>
<td>NOV 93</td>
<td>JAN 94</td>
<td>NOV 94</td>
<td>12M/60M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>FIELD TECH ASST</td>
<td>NOV 93</td>
<td>JAN 94</td>
<td>OCT 94</td>
<td>10M/50M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>T&amp;E, ENG SPT TO PMs/PEOs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NV &amp; ES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TECH BASE</td>
<td>SEP 93</td>
<td>NOV 93</td>
<td>OCT 94</td>
<td>30M/150M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>FIELD TECH ASST</td>
<td>SEP 93</td>
<td>NOV 93</td>
<td>OCT 94</td>
<td>30M/150M</td>
<td>UNRESTR</td>
</tr>
<tr>
<td>T&amp;E, ENG SPT TO PMs/PEOs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
C3I ACQUISITION CENTER

POINTS OF CONTACT

JOHN J. GOODBODY
OMBUDSMAN
DSN: 992-1467
COMM: (908)-532-1467

MR. PETER T. CAPAZZOLI
CECOM SADBU
DSN 992-4511
COMM: (908)-532-4511

MS. NANTONETE MULLENAX
TECHNICAL INDUSTRIAL
LIAISON OFFICE
DSN: 992-2671
COMM: (908)-532-2671

EDWARD G. ELGART
DIRECTOR, C3IAC
DSN: 992-5601
COMM: (908)-532-5601

MR. JOSEPH P. BRADY
CONTRACTING OFFICER
DSN: 992-5500
COMM: (908)-532-5500
SYMPOSIUM
PARTICIPANTS

MR. EDWARD G. ELGART
HQ, US Army Communications-Electronics Command
C3I Acquisition Center
AMSEL-AC
Fort Monmouth, New Jersey 07703
(908) 532-5601

MR. FRANK E. FIORILLI
HQ, US Army Communications-Electronics Command
Resource Management Directorate
AMSEL-CP
Fort Monmouth, New Jersey 07703
(908) 532-4113

MR. COLIN F. MACDONNELL, JR.
HQ, US Army Communications-Electronics Command
C3I Logistics and Readiness Center
AMSEL-LC
Fort Monmouth, New Jersey 07703
(908) 532-5757

MR. RONALD G. DAPONTE
HQ, US Army Communications-Electronics Command
Logistics and Readiness Directorate
AMSEL-LC-LM
Fort Monmouth, New Jersey 07703
(908) 532-0838

MR. JOSEPH M. DELVECCHIO
HQ, US Army Communications-Electronics Command
Intelligence and Electronic Warfare Directorate
AMSEL-RD-IEW-DE
Vint Hill Farms Station
Warrenton, Virginia 22186
(703) 349-7204

MR. BURTON RESNIC
HQ, US Army Communications-Electronics Command
Research, Development and Engineering Center
AMSEL-RD-ADO
Fort Monmouth, New Jersey 07703
(908) 544-4465

MR. ROBERT B. SAPHRO
HQ, US Army Communications-Electronics Command
Legal Office
AMSEL-LG
Fort Monmouth, New Jersey 07703
(908) 532-3120

MR. THOMAS J. SHEEHAN
HQ, US Army Communications-Electronics Command
Space and Terrestrial Communications Directorate
AMSEL-RD-ST-WA
Fort Monmouth, New Jersey 07703
(908) 544-3267